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PROJECT STATUS MEMORANDUM NO. 06-13

TO: Pamela Tames, USEPA
FROM: Mark M. Goldberg, P.E.
Tunde H. Komuves-Sandor

DATE: July 26, 2013

PROJECT: Rowe Industries Superfund Site
Groundwater Recovery and Treatment System
June 2013 Status Report
Sag Harbor, New York

LBG Engineering Services, P.C. (LBG) commenced operation of the Full-Scale Pump and Treat (FSP&T) groundwater remediation system at the above-referenced site on December 17, 2002. Starting in September 2008, the groundwater recovered by the Focus Pump and Treat (FP&T) system was routed to the FSP&T system for treatment. This status report presents a summary of performance, operation and maintenance for both systems and monitoring activities for the site from June 1, 2013 through June 30, 2013. The report includes a summary of system performance parameters, system operation parameters, and analytical results for groundwater, system effluent samples, and air quality results.

SUMMARY OF SYSTEM PERFORMANCE AND OPERATION

(June 1, 2013 through June 30, 2013)

1. Hours of operation during the reporting period:	718 hours (99.8%)
2. Alarm conditions during the reporting period:	See Table 1
3. Was the SPDES VOC discharge permit criteria achieved:	yes, (see Table 2)
4. Total volume of water pumped during the reporting period:	4,881,311 gal.*
5. Was the system effluent flow below the SPDES limit of 1,023,000 gpd:	yes, (see Graph 1)
6. Mass of VOCs recovered during the reporting period:	0.25 pounds*
7. Cumulative mass of VOCs recovered since startup on 12/17/02: (calculations can be provided upon request)	225.8 pounds
8. Effluent VOC vapor concentration for the reporting period:	0.04 mg/m^3 (see Table 3)
9. Was the effluent VOC vapor emission rate below 0.022 lbs/hr.: (calculations can be provided upon request)	yes (0.00043 lbs/hr)

*Values represent the FSP&T and FP&T system recovery wells, the FP&T system recovery wells were restarted on June 12, 2013.

FULL SCALE PUMP AND TREAT SYSTEM STATUS SUMMARY

The following table summarizes select recovery well parameters for the operating recovery wells during the above-referenced reporting period. Table 4 presents a summary of the quality results for water samples collected from recovery wells. Graph 2 presents tetrachloroethylene (PCE) concentrations for each recovery well. For wells with water quality that meets or is approaching remedial criteria, Graph 3 presents PCE concentrations at an expanded scale in order to compare them to the PCE aquifer restoration concentration of 5 ug/L. Laboratory analytical reports are included as Appendix II.

Well	Volume pumped (gal)	Average Flow (gpm)	Lowest Measured Flow (gpm)[1/]	Total VOC Concentration (µg/L)	VOC Recovery (lbs)
RW-2	1,133,852	27	13	1.9	0.02
RW-4	975,467	36	10	5.5	0.04
RW-6	561,524	15	15	3.3	0.02
RW-7	1,576,390	60	60	0.9	0.01

[1/] Lowest measured flows are based on the lowest average 24-hour pumping rates for each well recorded to date.

The following recovery wells have been shut down after receiving EPA approval:

- RW-1 was shut down on July 13, 2005;
- RW-3 was shut down on May 21, 2012;
- RW-5 was shut down on May 23, 2012;
- RW-8 was shut down on April 30, 2012; and
- RW-9 was shut down on April 23, 2012.

The average flow rate from RW-4 at the beginning of June was 40 gallons per minute (gpm), however, the flow rate gradually decreased during the month to 33 gpm by June 27, 2013. At that time, RW-4 shut down due to a FSP&T system power failure alarm, which was likely caused by a power fluctuation or surge. On June 17, 2013 during routine O&M work, it was observed that the RW-4 flow meter was not functioning properly. Following flow meter troubleshooting, LBGES determined that some flow meter parts needed replacing. Therefore RW-4 was shut down pending arrival of the replacement parts. On June 25, 2013, the RW-4 flow meter parts were replaced and upon restart, the meter registered a flow rate of 33 gpm. The flow rate from RW-4 will continue to be monitored.

Pump fault alarms observed this month in RW-7 were caused by an overvoltage to the motor. After attempting to reboot the computer and drive several times without success, the flow rate was decreased from 70 gpm to 60 gpm. The reduction in flow rate has allowed the pump motor to be restarted and the well again to continue operation.

Evaluation of Groundwater Quality

During May 2013, the VOCs of concern for the site were below applicable or relevant and appropriate requirements (ARARs) in the groundwater samples collected from recovery wells RW-2, 3, 4, 5, 6, 7, 8 and 9. RW-3, RW-5, RW-8 and RW-9 will continue to be monitored quarterly during 2013 as outlined in the Recovery Well Shutdown Plan; the next sampling event for these recovery wells will be during the month of September. Low concentrations of VOCs continue to be detected in the groundwater samples from the operating recovery wells. Laboratory analytical reports are included in Appendix II.

PCE, TCA and TCE concentrations have been at or below the ARAR of 5 µg/l in groundwater samples collected from:

- RW-2 for 52 consecutive months (4 years and 4 months);
- RW-4 for 34 consecutive months (2 years and 10 months);
- RW-6 for 30 consecutive months (2 years and 6 month); and
- RW-7 for 36 consecutive months (3 years).

Based on the approved Limited Recovery Well Shutdown Plan, quarterly groundwater sampling of monitor well cluster MW-49A, B and C was completed during the month of June. VOCs were not detected in the groundwater sample collected from MW-49A. Low concentrations of PCE (0.55 µg/l and 0.22J µg/l) were detected in the groundwater sample collected from MW-49B and C, respectively. These concentrations are well below the ARAR of 5 µg/l. The contaminant concentrations in the groundwater samples from this well cluster are consistent with concentrations in samples collected prior to and since the shutdown of RW-9. No other VOCs were detected in the groundwater samples collected from these wells. This was the final quarterly groundwater quality sampling at the MW-49 well cluster; no impacts have been observed in the surrounding aquifer due to the shutdown of RW-9. Therefore, the frequency of groundwater sampling at the MW-49 well cluster will revert to a semi-annual sampling schedule. The laboratory results are included in Appendix IV.

FOCUS PUMP AND TREAT SYSTEM STATUS SUMMARY

The Focus Recovery Wells (FRWs) were restarted at 5:10 PM on June 12, 2013. LBG monitors the FP&T system for indications of any fouling that had been problematic with the FP&T system. During this reporting period, iron bacterium accumulation was observed in the FRW-2 and FRW-3 flow meters. The flow meters were cleaned once during the month of June.

The following table summarizes the parameters for the FRWs for the reporting period of June 12, 2013 through July 1, 2013.

Well	Volume Pumped (gal)	Total VOC Concentration (µg/L)	VOC Recovery (lbs)
FRW-1	73,950	327	0.20
FRW-2	3,047	237	0.01
FRW-3	8,111	335	0.02
FRW-4	157,976	17.3	0.02
Total	240,461[1/]	--	--

[1/] Routed to equalization tank in FSP&T system, for treatment.

Evaluation of Groundwater Quality

Groundwater samples were collected from FRW-1, 2, 3 and 4 two times during the month of June; 45-minutes following the restart of the FRWs and 5 days following restart. The groundwater quality results for the FRWs are summarized in Tables 5 through 8 and Graphs 4 through 7. The laboratory results for the FRWs are included in Appendix II. The concentrations of COCs in the groundwater at the FDSA during the month of June were consistent with the concentrations detected during the month of May in the groundwater samples collected from FRW-1 with the exception of a slight decrease in the VC and TCA concentrations. The PCE concentrations in the groundwater samples collected from FRW-2 and 3 increased because contaminated groundwater is being drawn into these operating FRWs. Concentrations decreased

in FRW-4, likely due to dilution from less contaminated areas of the aquifer. Groundwater samples from the FRWs will continue to be collected and analyzed monthly for quality trends.

One June 17, 2013 (5 days following the restart of the FRWs), a groundwater sample was also collected from MW-98-04 located on the Sag Harbor Industries (SHI) property immediately downgradient of the FDSA. The PCE concentration in the sample decreased from 310 µg/l (in April) to 36 µg/l, and the cis-1,2-DCE decreased from 7 µg/l (in April) to 1.1 µg/l. The additional monitoring that is planned will be required to determine if the concentrations continue to decrease and if the concentrations detected at MW-98-04 are influenced by the reactivation of the FRWs. Any contamination that may have migrated beyond the FDSA would be captured by the downgradient recovery wells in the FSP&T system. MW-98-04 will be monitored in July, September and November 2013 (rather than on the current semi-annual schedule) in order to better evaluate this situation. Laboratory results for the MWs are included in Appendix IV.

OTHER O&M ACTIVITIES AND FUTURE O&M ACTIVITIES

O&M activities conducted in June 2013 are outlined in Table 1 and future O&M activities are provided below.

Future O&M activities scheduled for the summer of 2013 include:

- normal weekly/monthly O&M activities; and
- continued monitoring the flow rate from RW-4.

MMG:nv
Attachments
cc: Ken W. Wengert - Kraft Foods Group, Inc. - .pdf
Lisa Krogman, Environ – .pdf
Jeff Trad, NYSDEC – .pdf
Chief-Operation Maintenance and Support Section, NYSDEC – .pdf
William Spitz, RWM, R-1, NYSDEC
Tiffany Scarloto, Town of Southampton Attorney - .pdf
H:\NABIS\2013\Monthly reports\June\Status0613June.docx

TABLES

TABLE 1
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

MAINTENANCE LOG
(June 1, 2013 through June 30, 2013)

Date	Time	System Changes/Modifications	Personnel
6/4/2013		Changed the multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.	SH
	9:50 AM	Shut down the FSP&T system and reboot the programmable logic computer (PLC).	SH
	10:20 AM	Restarted the FSP&T system.	SH
		Reset the RW-7 pump fault alarm that occurred on 5/31/2013.	SH
	10:22 AM	Reset the recovery well flow totalizers.	SH
	10:35 AM	Adjusted the time stamp on the effluent flow meter data logger.	SH
	10:39 PM	RW-7 shuts down due to a pump fault alarm.	
6/12/2013	4:50 PM	Reset the RW-7 pump fault alarm and lowered the flow rate set point from 70 gallons per minute (gpm) to 60 gpm.	SH
	5:10 PM	Restarted the FP&T system with FRW-1, 2, 3 and 4 operating.	SH
6/17/2013	9:40 AM	Shut down the FSP&T and FP&T systems to reboot the PLC.	SH
		Changed the multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.	SH
	10:18 AM	Restarted the FSP&T and FP&T systems.	SH
		Observed that the RW-4 flow meter was not functioning properly, Following troubleshooting, a replacement reed switch was ordered.	SH
6/25/2013	10:04 AM	Shut down RW-4 for flow meter repairs, replaced the flow meter assembly and reed switch.	SH
	10:50 AM	Restarted RW-4 following repairs.	SH
		Observed that the FRW-2 and FRW-3 flow meters were not operating properly, cleaned heavy iron fouling from the flow meter paddle wheels. Following the cleaning, the flow meters were functioning properly.	SH
6/27/2013	10:11 PM	RW-4 and RW-6 shut down due to a FSP&T system power failure alarm likely caused by a power surge; FSP&T system continued to operate with RW-2 and RW-7.	

Notes:
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TABLE 2

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

Effluent Water Quality Results

Date Sampled [2/]	pH [1/]	TDS (mg/l)	PCE (ug/l)	1,1,1-TCA (ug/l)	TCE (ug/l)	1,1-DCA (ug/l)	1,1-DCE (ug/l)	cis-1,2-DCE (ug/l)	trans-1,2-DCE (ug/l)	Xylene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Methylene Chloride (ug/l)	Freon 113 (ug/l)	Naphthalene (ug/l)	Chloroform (ug/l)	Total Iron (mg/l)	Dissolved Iron (mg/l)
SPDES Limits	**5.0 to 8.5**	**---**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**---**	**10**	**7**	**---**	**---**
4-Jun-13	7.2	163	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	12.1	ND<0.02
12-Jun-13	7.3	105	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.7 J	ND<0.5	ND<0.5	ND<0.5	8.95	0.075
17-Jun-13	7.1	119	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	1.01	0.088
25-Jun-13	7.3	126	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	8.15	ND<0.02

SPDES: State Pollutant Discharge Elimination System
mg/l: Milligrams per liter
ug/l: Micrograms per liter
----: Not established
NM: Not Measured
TDS: Total dissolved solids
PCE: Tetrachloroethylene
1,1,1-TCA: 1,1,1-Trichloroethane
TCE: Trichloroethene
1,1-DCA: 1,1-Dichlorothane
1,1-DCE: 1,1-Dichloroethene
cis-1,2-DCE: cis-1,2-Dichloroethene
trans-1,2,-DCE: trans-1,2-Dichloroethene
J: Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Analyte was found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
ND: Not detected

Notes:
1. Based on the SPDES criteria from an NYSDEC letter dated on October 21, 2011, the new allowable pH range for the Rowe Site is between 5.0 and 8.5.
2. "Effluent" samples were collected from sample port labeled NP2-10 unless otherwise noted.

TABLE 3

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

Carbon Unit System Air Quality Results

Precarbon			Parameters (mg/m3)														TOTAL
Sample Name	Date	Time	PCE	TCE	TCA	DCE	DCA	cis-DCE	trans-DCE	Toluene	m&p-Xylenes	o-Xylene	CF	MC	EB	Freon 113	VOCs
AQ072512:1300NP4-1	7/25/2012	13:00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0019 B	ND	ND	0.02
AQ82712:1600NP4-1	8/27/2012	16:00	0.0085	0.0016	0.0071	0.0009	0.0051	ND	ND	0.0083	ND	ND	0.0028	0.0016 B	ND	ND	0.04
AQ092712:1210NP4-1	9/27/2012	12:10	ND	ND	ND	ND	ND	ND	ND	0.0030	ND	ND	ND	0.0026 B	ND	ND	0.05
AQ103112:1640NP4-1	10/31/2012	16:40	0.0140	0.0140	0.0096	ND	0.0039	ND	ND	0.0007	0.0007	ND	0.0043	0.0011 B	ND	ND	0.08
AQ112712:1300NP4-1	11/27/2012	13:00	0.0190	0.0020	0.0054	ND	ND	0.0010	ND	0.0013	0.0018	0.0009	0.0019	0.0015	0.0009	ND	0.06
AQ121212:1120NP4-1	12/12/2012	11:20	0.0240	0.0033	0.0110	ND	0.0047	0.0020	ND	0.0017	0.0610	0.0240	0.0033	0.0015	0.0012	ND	0.16
AQ010713:1200NP4-1	1/7/2013	12:00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01
AQ022513:1130NP4-1	2/25/2013	11:30	0.0230	0.0044	ND	ND	0.0048	0.0040	ND	ND	ND	ND	0.0029	0.0013	ND	ND	0.06
AQ031313:1200NP4-1	3/13/2013	12:00	ND	ND	ND	ND	ND	ND	ND	0.0120	0.0042	0.0014	ND	0.0840	0.0014	ND	0.26
AQ042213:1600NP4-1	4/22/2013	16:00	ND	0.0066	ND	ND	ND	ND	ND	0.0013	0.0022	ND	ND	0.0026 B	ND	ND	0.03
AQ050813:1300NP4-1	5/8/2013	13:00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0008	ND	ND	0.01
AQ062513:1130NP4-1	6/25/2013	11:30	0.0150	ND	ND	ND	ND	0.0010	ND	0.0011	ND	ND	ND	0.0011 B	ND	ND	0.04

Midcarbon			Parameters (mg/m3)														TOTAL
Sample Name	Date	Time	PCE	TCE	TCA	DCE	DCA	cis-DCE	trans-DCE	Toluene	m&p-Xylenes	o-Xylene	CF	MC	EB	Freon 113	VOCs
AQ072512:1310NP4-2	7/25/2012	13:10	0.0380	0.0017	0.0150	ND	0.0072	0.0016	ND	ND	ND	ND	0.0034	0.0015	ND	ND	0.08
AQ82712:1605NP4-2	8/27/2012	16:05	0.0090	ND	0.0110	ND	0.0049	0.0014	ND	ND	ND	ND	0.0024	0.0014 B	ND	ND	0.04
AQ092712:1215NP4-2	9/27/2012	12:15	0.0770	0.0040	0.0110	ND	0.0036	0.0014	ND	0.0018	ND	ND	0.0022	0.0011 B	ND	ND	0.12
AQ103112:1645NP4-2	10/31/2012	16:45	0.0720	0.0043	0.0170	ND	0.0044	0.0018	ND	0.0009	0.0012	ND	0.0033	0.0014 B	ND	0.0016	0.13
AQ112712:1305NP4-2	11/27/2012	13:05	0.0420	0.0019	0.0130	ND	0.0037	0.0016	ND	0.0028	0.0050	0.0021	0.0028	0.0020	0.0016	ND	0.11
AQ121212:1125NP4-2	12/12/2012	11:25	0.0350	ND	0.0110	ND	0.0030	0.0010	ND	0.0010	0.0087	0.0024	0.0022	0.0011	ND	ND	0.11
AQ010713:1205NP4-2	1/7/2013	12:05	0.2400	0.0062	0.0150	ND	ND	ND	ND	0.0033	ND	ND	0.0030	ND	ND	ND	0.29
AQ022513:1135NP4-2	2/25/2013	11:35	0.0500	0.0020	0.0099	ND	ND	ND	ND	0.0022	ND	ND	0.0023	0.0083	ND	ND	0.17
AQ031313:1205NP4-2	3/13/2013	12:05	0.0610	0.0021	0.0140	ND	ND	ND	ND	0.0009	ND	ND	0.0033	0.0023	ND	ND	0.12
AQ042213:1605NP4-2	4/22/2013	16:05	0.0370	0.0097	0.0094	ND	0.0022	0.0011	ND	0.0014	0.0017	ND	0.0022	0.0026 B	ND	ND	0.18
AQ050813:1305NP4-2	5/8/2013	13:05	0.0230	0.0009	0.0080	ND	0.0018	0.0011	ND	ND	ND	ND	ND	0.0010	ND	ND	0.05
AQ062513:1135NP4-2	6/25/2013	11:35	0.0830	0.0036	0.0076	ND	0.0025	0.0013	ND	ND	ND	ND	0.0019	0.0012 B	ND	ND	0.12

Postcarbon			Parameters (mg/m3)														TOTAL
Sample Name	Date	Time	PCE	TCE	TCA	DCE	DCA	cis-DCE	trans-DCE	Toluene	m&p-Xylenes	o-Xylene	CF	MC	EB	Freon 113	VOCs
AQ072512:1320NP4-3	7/25/2012	13:20	ND	ND	0.0090	0.0009	0.0086	ND	ND	ND	ND	ND	0.0036	0.053 B	ND	0.0048	0.10
AQ82712:1610NP4-3	8/27/2012	16:10	ND	ND	0.0057	ND	0.0057	ND	ND	0.0012	ND	ND	0.0023	0.0013 B	ND	ND	0.02
AQ092712:1220NP4-3	9/27/2012	12:20	ND	ND	0.0083	ND	0.0055	ND	ND	ND	ND	ND	0.0028	0.0011 B	ND	ND	0.03
AQ103112:1650NP4-3	10/31/2012	16:50	ND	ND	0.0130	0.0008	0.0053	0.0010	ND	ND	0.0008	ND	0.0033	0.0015 B	ND	0.0013	0.05
AQ112712:1310NP4-3	11/27/2012	13:10	ND	ND	0.0150	ND	0.0043	0.0013	ND	0.0009	0.0018	ND	0.0031	0.0019	ND	ND	0.05
AQ121212:1130NP4-3	12/12/2012	11:30	ND	ND	0.0120	ND	0.0031	ND	ND	ND	0.0050	0.0015	0.0022	0.0009	ND	ND	0.09
AQ010713:1210NP4-3	1/7/2013	12:10	ND	ND	0.0300	ND	0.0056	0.0015	ND	ND	0.0024	0.0014	0.0047	ND	ND	ND	0.11
AQ022513:1140NP4-3	2/25/2013	11:40	ND	ND	0.0210	ND	0.0042	ND	ND	ND	ND	ND	0.0038	0.0026	ND	ND	0.05
AQ031313:1210NP4-3	3/13/2013	12:10	ND	ND	0.0095	ND	ND	ND	ND	ND	ND	ND	0.0020	ND	ND	ND	0.02
AQ042213:1610NP4-3	4/22/2013	16:10	ND	ND	0.0150	ND	0.0029	0.0013	ND	ND	ND	ND	0.0032	0.0017 B	ND	ND	0.04
AQ050813:1310NP4-3	5/8/2013	13:10	ND	ND	0.0110	ND	0.0023	0.0013	ND	ND	ND	ND	ND	0.0011	ND	ND	0.03
AQ062513:1140NP4-3	6/25/2013	11:40	0.0014	ND	0.0059	ND	0.0016	0.0013	ND	ND	ND	ND	0.0018	0.001 B	ND	ND	0.04

PCE: Tetrachoroethane
TCE: Trichloroethene
TCA: 1,1,1-Trichloroethane
DCE: 1,1-Dichloroethene
DCA: 1,1-Dichloroethane
cis-DCE: cis-1,2-Dichloroethene
trans-DCE: trans-1,2-Dichloroethylene
CF: Chloroform
MC: Methylene Chloroide
EB: Ethilbenzene

Note:
NA - Not Applicable. Method blank contamination. The associated method blank contains the target analyte at a reportable level.
NS - Not Sampled
ND - Not Detected
B - Method blank contamination, the associated method blank contains the target analyte at a reportable level.
The air quality results summarized above are for the compounds listed in the FSP&T groundwater discharge permit. Low concentrations of additional compounds are accounted for in the Total VOCs column, however, are not listed.

TABLE 4

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

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-1	13-Jan-05	ND<1	ND<1	ND<1	1.5	2.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	8-Feb-05	ND<1	ND<1	ND<1	4.6	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Mar-05	ND<1	ND<1	ND<1	2.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	19-Apr-05	ND<1	ND<1	ND<1	1.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	2-May-05	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	16-Jun-05	ND<1	ND<1	ND<1	4.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	RW-1 was shut down on July 13, 2005 with EPA approval.													
	14-Jul-05	ND<1	ND<1	ND<1	2.1	ND<1	ND<1	ND<1	ND<1	**8.4***	ND<1	ND<1	3.3	1.3
	7-Mar-06	ND<1	ND<1	ND<1	5.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	19-Sep-06	ND<1	ND<1	ND<1	1.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	7-Mar-07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	3-Oct-07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	13-Mar-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Sep-08	ND<1	ND<1	ND<1	1.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	19-Mar-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	16-Sep-09	ND<1	ND<1	ND<1	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Mar-10	ND<1	ND<1	ND<1	0.63 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Sep-10	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	9-Mar-11	ND<1	ND<1	ND<1	0.60	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	ND<5	ND<5	0.84 J	ND<5	ND<5	ND<1	ND<1	**7.1 B**	ND<1	ND<5	ND<10	ND<5
	23-Mar-12	ND<0.5	ND<0.5	ND<0.5	1.3	ND<0.5	ND<0.5	ND<1	ND<0.5	0.75 J,B	0.11 J	ND<0.5	ND<2	ND<0.5
	20-Sep-12	ND<0.5	ND<0.5	ND<0.5	0.72	ND<0.5	ND<0.5	ND<1	ND<0.5	1.2 J,B	ND<1	ND<0.5	ND<2	ND<0.5
	19-Mar-13	ND<0.5	ND<0.5	ND<0.5	0.47 J	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<.5	ND<0.5	ND<2	ND<0.5
RW-2	21-Jun-11	0.85 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	0.96 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	3.9 B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	0.97	0.18 J	0.74	0.17 J	ND<0.5	0.25 J	ND<0.5	ND<0.5	0.96 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	1.6	0.20 J	0.12 J	0.22 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.95 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	1.0	0.25 J	0.49 J	0.16 J	ND<0.5	0.11 J	ND<0.5	ND<0.5	0.44 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	0.64	0.22 J	0.41 J	0.13 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.27 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	0.84	0.28 J	0.45 J	0.15 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.42 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	0.81	0.16 J	0.11 J	0.12 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.93 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	0.58	0.18 J	0.25 J	0.16 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.46 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-May-12	0.57	0.19 J	0.27 J	0.17 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.8 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Jun-12	0.57	0.21 J	0.26 J	0.12 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.74 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	0.91	0.15 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Aug-12	0.53	0.21 J	0.23 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.56	0.17 J	0.34 J	ND<0.5
	18-Sep-12	0.52	0.25 J	0.25 J	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	0.66	0.34 J	0.30 J	0.11 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	1.3	0.43 J	0.17 J	0.11 J	ND<0.5	ND<0.5	0.65	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	1.3	0.66	0.24 J	ND<0.5	ND<0.5	ND<0.5	0.70	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Jan-13	1.0	0.61	0.26 J	ND<0.5	ND<0.5	ND<0.5	0.47 J	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	13-Feb-13	1.1	0.71	0.26 J	ND<0.5	ND<0.5	ND<0.5	0.57	ND<0.5	1.1 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-13	0.93	0.54	0.32 J	ND<0.5	ND<0.5	ND<0.5	0.81	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	23-Apr-13	0.74	0.45 J	0.24 J	ND<0.5	ND<0.5	ND<0.5	0.59	ND<0.5	1.9 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	29-May-13	0.59	0.41 J	0.21 J	ND<0.5	ND<0.5	ND<0.5	0.37 J	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-Jun-13	0.68	0.51	0.28 J	ND<0.5	ND<0.5	ND<0.5	0.39 J	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5

TABLE 4

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

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-3 [3/]	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	0.93	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	**7.0 J,B**	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	0.16 J	0.59	0.19 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.70 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	0.16 J	0.81	0.22 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.66 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	0.17 J	0.87	0.33 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.53 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	0.20 J	1.0	0.33 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.33 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	0.23 J	0.90	0.33 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	0.19 J	0.81	0.27 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.92 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	0.12 J	0.52	0.16 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.48 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	0.64	0.53	0.18 J	ND<0.5	ND<0.5	ND<0.5	0.27 J	ND<0.5	2.5 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-3 was shut down on May 21, 2012 with EPA approval.													
	20-Jun-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.56 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.1 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Sep-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	0.10 J	0.18 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.28 J,B	ND<0.5	ND<0.5	0.22 J	ND<0.5
	19-Mar-13	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-Jun-13	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
RW-4	21-Jun-11	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	0.92	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	1.1 J	ND<5	2.7	ND<5	ND<5	1.4 J	ND<5	ND<5	3.9 B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	1.1	0.14 J	3.9	0.15 J	ND<0.5	1.8	ND<0.5	0.17 J	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	1.5	0.22 J	1.8	0.15 J	ND<0.5	0.61	ND<0.5	ND<0.5	0.66 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	1.2	0.14 J	4.2	0.16 J	ND<0.5	1.6	ND<0.5	0.18 J	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	0.93	0.14 J	3.3	0.17 J	ND<0.5	1.4	ND<0.5	0.15 J	0.34 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	1.1	0.13 J	4.0	0.19 J	ND<0.5	1.8	ND<0.5	0.26 J	0.43 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	1.4	0.18 J	3.6	0.16 J	ND<0.5	1.1	ND<0.5	0.19 J	0.91 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	0.86	0.11 J	3.4	0.18 J	0.10 J	1.9	ND<0.5	0.14 J	0.50 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	1.8	0.30 J	0.44 J	ND<0.5	ND<0.5	0.16 J	0.18 J	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Jun-12	0.91	0.13 J	3.6	0.19 J	ND<0.5	1.9	ND<0.5	0.17 J	0.68 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	1.3	0.15 J	1.9	0.14 J	ND<0.5	0.65	ND<0.5	ND<0.5	1.1 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Aug-12	0.90	0.11 J	2.6	0.25 J	ND<0.5	1.6	ND<0.5	0.14 J	ND<2	1.2	0.62	0.75 J	0.16 J
	18-Sep-12	0.95	0.15 J	2.2	0.24 J	ND<0.5	1.2	0.11 J	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	0.75	0.11 J	2.3	0.23 J	ND<0.5	1.3	ND<0.5	0.1 J	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12 [4/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12-Dec-12	0.96	0.14 J	2.1	0.24 J	ND<0.5	1.1	ND<0.5	ND<0.5	0.28 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Jan-13	1.0	0.15 J	1.2	0.14 J	ND<0.5	0.49 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	13-Feb-13	1.5	0.25 J	2.0	0.16 J	ND<0.5	0.56	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-13	0.83	ND<0.5	2.4	0.14 J	ND<0.5	0.68	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	23-Apr-13	1.1	0.15 J	2.7	0.18 J	ND<0.5	0.77	ND<0.5	ND<0.5	2.1 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	29-May-13	0.69	ND<0.5	2.3	0.21 J	ND<0.5	0.63	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-Jun-13	0.62	ND<0.5	3.8	0.25 J	ND<0.5	0.78	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5

TABLE 4

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

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-5 [3/]	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	0.6 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	0.6 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	ND<5	1.1 J	ND<5	ND<5	ND<5	ND<5	ND<5	4.8 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	0.12 J	ND<0.5	1.4	0.50	ND<0.5	0.51	ND<0.5	ND<0.5	0.45 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	ND<0.5	ND<0.5	ND<0.5	0.76	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.86 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	0.15 J	ND<0.5	0.97	0.54	ND<0.5	0.73	ND<0.5	ND<0.5	0.57 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	ND<0.5	ND<0.5	0.68	0.54	ND<0.5	0.43 J	ND<0.5	ND<0.5	0.35 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	ND<0.5	ND<0.5	0.76	0.66	ND<0.5	0.61	ND<0.5	ND<0.5	0.36 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	0.16 J	ND<0.5	0.12 J	0.65	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.1 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	ND<0.5	ND<0.5	0.46 J	0.51	ND<0.5	0.35 J	ND<0.5	ND<0.5	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	0.17 J	ND<0.5	0.49 J	0.53	ND<0.5	0.38 J	ND<0.5	ND<0.5	2.7 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-5 was shut down on May 23, 2012 with EPA approval.													
	20-Jun-12	ND<0.5	ND<0.5	ND<0.5	0.67	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.63 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	ND<0.5	ND<0.5	ND<0.5	0.70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	0.22 J	ND<0.5	ND<1	ND<0.5
	27-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.98	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Sep-12	ND<0.5	ND<0.5	ND<0.5	0.80	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	ND<0.5	ND<0.5	ND<0.5	0.89	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	ND<0.5	ND<0.5	ND<0.5	0.96	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	ND<0.5	ND<0.5	ND<0.5	0.96	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.26 J,B	ND<0.5	ND<0.5	0.37 J	0.12 J
	19-Mar-13	ND<0.5	ND<0.5	ND<0.5	0.76	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-Jun-13	ND<0.5	ND<0.5	ND<0.5	0.99	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
RW-6	21-Jun-11	1.7	ND<1	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	1.0	ND<1	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	1.3	ND<1	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	3.6 J	ND<5	2.7 J	ND<5	ND<5	1.0 J	ND<5	ND<1	4.5 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	3.5	0.13 J	2.8	0.26 J	0.27 J	0.87	ND<0.5	0.19 J	0.37 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	4.2	0.13 J	3.4	0.35 J	0.35 J	1.1	ND<0.5	0.11 J	0.83 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	4.0	0.15 J	2.4	0.33 J	0.23 J	0.83	ND<0.5	0.17 J	0.49 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	2.8	0.12 J	2.3	0.28 J	ND<0.5	0.65	ND<0.5	0.15 J	0.35 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	3.2	0.11 J	2.6	0.28 J	ND<0.5	0.82	ND<0.5	0.19 J	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	3.2	0.12 J	2.7	0.22 J	0.25 J	0.86	ND<0.5	0.19 J	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	2.8	0.12 J	2.0	0.25 J	0.24 J	0.62	ND<0.5	0.13 J	0.46 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	2.9	0.13 J	2.1	0.31 J	ND<0.5	0.58	ND<0.5	0.14 J	2.8 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Jun-12	3.1	0.13 J	2.0	0.28 J	0.27 J	0.58	ND<0.5	0.14 J	0.84 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	3.1	0.13 J	2.2	0.25 J	ND<0.5	0.65	ND<0.5	0.14 J	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Aug-12	2.6	0.11 J	1.6	0.33 J	ND<0.5	0.57	ND<0.5	0.12 J	ND<2	0.59	0.26 J	0.31 J	ND<0.5
	18-Sep-12	2.8	0.13 J	1.5	0.36 J	ND<0.5	0.47 J	0.11 J	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	2.3	0.12 J	1.1	0.34 J	ND<0.5	0.35 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	2.2	0.10 J	1.2	0.35 J	ND<0.5	0.38 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	2.4	0.10 J	1.0	0.33 J	ND<0.5	0.36 J	ND<0.5	ND<0.5	0.30 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Jan-13	2.3	0.10 J	0.9	0.26 J	ND<0.5	0.29 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	13-Feb-13	1.3	ND<0.5	0.45 J	0.16 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.8 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-13	1.9	ND<0.5	0.58	0.27 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	23-Apr-13	2.0	ND<0.5	0.56	0.27 J	ND<0.5	0.29 J	ND<0.5	ND<0.5	2.0 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	29-May-13	1.9	ND<0.5	0.51	0.24 J	ND<0.5	0.37 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-Jun-13	2.1	ND<0.5	0.63	0.28 J	ND<0.5	0.29 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5

TABLE 4

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

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-7	21-Jun-11	1.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	0.5 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	9/15/2011 [2/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Oct-11	4.5	0.18 J	0.53	ND<0.5	0.15	0.40 J	ND<0.5	ND<0.5	0.36 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	4.4	0.15 J	0.60	ND<0.5	0.25	0.59	ND<0.5	ND<0.5	0.82 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	2.2	0.11 J	0.43 J	0.11 J	0.13	0.28 J	ND<0.5	ND<0.5	0.50 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	1.4	ND<0.5	0.33 J	0.15 J	0.20 J	0.22 J	ND<0.5	ND<0.5	0.37 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	1.9	0.11 J	0.40 J	0.18 J	ND<0.5	0.28 J	ND<0.5	ND<0.5	0.38 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	2.2	0.12 J	0.29 J	ND<0.5	0.11 J	0.02 J	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	1.1	ND<0.5	0.24 J	0.19 J	0.18 J	0.18 J	ND<0.5	ND<0.5	0.52 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	0.9	ND<0.5	0.19 J	0.21 J	ND<0.5	0.14 J	ND<0.5	ND<0.5	3.0 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Jun-12	1.0	ND<0.5	0.21 J	0.22 J	0.21 J	0.14 J	ND<0.5	ND<0.5	0.87 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	1.6	ND<0.5	0.28 J	ND<0.5	ND<0.5	0.22 J	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.37 J	0.11 J	0.15 J	ND<0.5
	18-Sep-12	0.76	ND<0.5	0.21 J	0.26 J	ND<0.5	0.13 J	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	0.50	ND<0.5	0.14 J	0.27 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	0.89	ND<0.5	0.27 J	0.19 J	ND<0.5	0.15 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	0.64	ND<0.5	0.18 J	0.26 J	ND<0.5	0.11 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Jan-13	0.70	ND<0.5	0.20 J	0.12 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	13-Feb-13	0.96	ND<0.5	0.34 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.0 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-13	0.52	ND<0.5	0.17 J	0.17 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	23-Apr-13	0.67	ND<0.5	0.16 J	0.19 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.8 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	29-May-13	0.53	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-Jun-13	0.73	ND<0.5	0.20 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
RW-8 [3/]	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<1	4.4 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.40 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.80 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.52 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.42 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.46 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	0.12 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.44 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-8 was shut down on April 30, 2012 with EPA approval.													
	17-May-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.4 J,B	0.94	ND<0.5	0.99 J	0.41 J
	20-Jun-12	0.11 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.63 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	0.12 J	ND<0.5	ND<1	ND<0.5
	27-Aug-12	0.11 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Sep-12	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	0.13 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	0.22 J	ND<0.5
	19-Mar-13	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-Jun-13	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5

TABLE 4

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

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-9 [3/]	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	4.6 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.42 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	ND<0.5	ND<0.5	ND<0.5	0.16	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.82 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.51 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.14 J	ND<0.5	ND<0.5	ND<0.5	0.44 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.37 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.6 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.48 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-9 was shut down on April 23, 2012 with EPA approval.													
	17-May-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.3 B	0.75	ND<0.5	0.57 J	0.19 J
	20-Jun-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.65 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Sep-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	0.16 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	ND<0.5	ND<0.5	ND<0.5	0.13 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.28 J,B	ND<0.5	ND<0.5	0.23 J	ND<0.5
	19-Mar-13	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-Jun-13	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5

PCE: Tetrachloroethylene TCE: Trichloroethylene TCA: 1,1,1-Trichloroethane
MTBE: Methyl-tertiary-butyl-ether NS: Not sampled

ND: Not detected
<#: Less than method detection limit
ug/L: Micrograms per liter
-: Not analyzed
J: Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Analyte was found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
ARAR's are chemical specific aquifer restoration goals for ground water at the Former Rowe Industries Superfund Site.
NE indicates that the ARAR goal was not established for this compound by the EPA.
Bold values indicate an exceedence of the ARAR standard established for the site.

[1/] Chloromethane, a constituent not previously detected, was detected in the groundwater sample collected from RW-9 at a concentration of 1.8 ug/l.
[2/] RW-7 was not sampled because the RW-7 pump was not operable at the time of the sampling event.
[3/] Starting in June 2012 groundwater samples from these recovery wells are collected via low-flow methods.
[4/] RW-4 was not sampled because the well vault could not be opened due to ponding above the well vault caused by heavy rain fall.

TABLE 5

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

Recovery Well FRW-1 VOC Concentrations, micrograms per liter

FRW-1																			
Date	PCE	TCE	cis12DCE	T12DCE	VC	TCA	11DCA	135TMB	124TCB	124TMB	EB	Benzene	o-Xylenes	m-&p-Xylenes	Toluene	Napthalene	MC	Bromomethane	Acetone
ARARs	**5**	**5**	**5**	**5**	**1 [1/]**	**5**	**5**	**5 [1/]**	**5 [1/]**	**5 [1/]**	**5**	**1 [1/]**	**5**	**5**	**5**	**NE**	**5**	**5 [1/]**	**NE**
6-Jun-11	**46**	7.2	**9.9**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-11	**18**	0.6	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
18-Aug-11	**22**	1.2	**5.4**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	**37**	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<1	ND<1	ND<1	ND<5	ND<5	ND<10	4.4 J,B	ND<5	4.0 J,B
11-Oct-11	**16**	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<1	ND<1	ND<1	ND<5	ND<5	ND<10	5.0 J,B	ND<5	--
8-Nov-11	**38**	0.41 J	0.18 J	ND<0.5	ND<0.5	0.26 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.87 J,B	ND<0.5	ND<2
20-Dec-11	**74**	2.4	**12**	ND<0.5	0.34 J	1.4	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.28 J,B	0.36 J,B	ND<0.5	ND<2
24-Jan-12	**52**	1.5 J	**6.6**	ND<0.5	ND<5	ND<5	ND<0.5	ND<5	ND<20	2.2 J	2.3 J	**2.2 J**	4.7 J	**8.8 J**	**12**	2.3 J,B	14 J,B	ND<0.5	ND<20
14-Feb-12	**66**	2.0 J	**8.0**	ND<0.5	ND<6	ND<5	ND<0.5	1.4 J	1.0 J	4.3 J	3.1 J	**1.2 J**	3.0 J	**9.0 J**	2.3 J	3.8 J,B	18 J,B	ND<0.5	32.0
19-Mar-12	**37**	1.0	3.0	ND<0.5	ND<0.5	0.24 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.12 J	1.5 J,B	ND<0.5	ND<2
10-Apr-12	**63**	1.0	1.8	ND<0.5	ND<0.5	0.98	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.12 J,B	0.63 J,B	ND<0.5	ND<2
The FRWs were shut down on April 19, 2012																			
17-May-12	**290**	**14**	**170**	0.25 J	0.54	**7.1**	1.2	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.19 J,B	2.6 B	ND<0.5	2.7 B
The FRWs were restarted on June 7, 2012																			
20-Jun-12	**52**	3.7	**10**	ND<0.5	ND<0.5	1.0	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.2 J,B	5.6 B	ND<0.5	ND<2
10-Jul-12	**21**	2.2	**31**	ND<0.5	ND<0.5	0.17 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4 J,B	ND<0.5	ND<2
The FRWs were shut down on July 30, 2012																			
21-Aug-12	**48**	**15**	**150**	0.29 J	**1.7**	3.1	1.0	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.15 J	1.2 J,B	ND<2	ND<0.5	ND<2
4-Sep-12	**130**	**38**	**130**	0.35 J	ND<0.5	4.8	1.3	ND<0.5	ND<2	ND<0.5	0.23 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.32 J	2.4 B
19-Sep-12	**130**	**39**	**170**	0.32 J	0.8	5.8	1.4	ND<0.5	ND<2	ND<0.5	0.20 J	ND<0.5	ND<0.5	ND<0.5	0.10 J	ND<0.5	ND<2	ND<0.5	ND<2
31-Oct-12	**23**	**10**	**190**	ND<5	**8.0**	3.5	1.9	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	1.7	2.0	ND<20	ND<5	ND<20
18-Dec-12	**110**	**11**	**60**	0.16 J	**11**	3.9	2.2	ND<0.5	ND<2	ND<0.5	0.23 J	0.18 J	0.12 J	0.24 J	0.31 J	ND<0.5	ND<2	ND<0.5	3.5 B
20-Feb-13	**1,100**	**25**	**15**	ND<5	0.48 J	**17**	1.6	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.13 J	0.79 J,B	ND<0.5	2.4 B
20-Mar-13 [2/]	**510**	**48**	**110**	**6.5**	**3.0**	**7.1**	1.4	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	6.0 B
23-Apr-13	**360**	**42**	**290**	0.53	**9.5**	4.4	2.0	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.5 B	ND<0.5	1.5 J,B
20-May-13	**210**	**36**	**180**	0.52	**20**	**6.2**	2.4	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.3 J	ND<0.5	2.2
The FRWs were restarted on June 12, 2013																			
12-Jun-13	**100**	3.1	**6.1**	ND<0.5	ND<0.5	1.8	ND<0.5	ND<0.5	ND<2	0.35 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.7 J	ND<0.5	ND<2
17-Jun-13	**310**	4.8	**8.7**	ND<0.5	ND<0.5	3.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.
1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.
2. During March 2013 the groundwater sample from this well was also analyzed for Ethane and Ethene; nither compound was detected.
J : Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Method blank contamination, the associated method blank contains the target analyte at a reportable level.
ND: Not detected

PCE: Tetrachloroethylene
11DCA: 1,1-Dichloroethane
124TCB: 1,2,4-Trichlorobenzene
MC: Methylene chloride
TCE: Trichloroethene
11DCE: 1,1-Dichloroethylene
124TMB: 1,2,4-Trimethylbenzene
112TCA: 1,1,2-Trichloroethane
cis12DCE: cis-1,2-Dichloroethene
T12DCE: trans-1,2-Dichloroethylene
EB: Ethyl Benzene
TCA: 1,1,1-Trichloroethane
135TMB: 1,3,5-Trimethylbenzene
VC: Vinyl chloride

Comments:
As of September 1, 2011 the water samples are analyzed by York Analytical Laboratories, Inc. The laboratory typically uses a reporting limit (RL) for water of 5 ug/l for VOC. York reports detections below 5 ug/l as an estimated value; these values are below the RL but greater than or equal to the method detection limit (MDL). A value reported below the RL but above the MDL is considered an estimated value and flagged with a "J". The calibration curve was adjusted to a reporting limit of 0.5 ug/l during October 2011.

TABLE 6

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

Recovery Well FRW-2 VOC Concentrations, micrograms per liter

FRW-2														
Date	**PCE**	**TCE**	**cis12DCE**	**T12DCE**	**VC**	**TCA**	**11DCA**	**Toluene**	**Napthalene**	**Chloroform**	**EB**	**Benzene**	**MC**	**Acetone**
ARARs	**5**	**5**	**5**	**5**	**1** [1/]	**5**	**5**	**5**	**NE**	**7**	**5**	**1** [1/]	**5**	**NE**
11-May-11	**7.1**	1.0	**9.9**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
6-Jun-11	**26**	0.8 J	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-11	**6.8**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
18-Aug-11	**7.5**	1.4	**7.8**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	**24**	1.4 J	1.4 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	4.0 J,B	3.9 J,B
11-Oct-11	**32**	2.5 J	**6.7**	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	4.0 J,B	--
8-Nov-11	**27**	2.7	**16**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.33 J	ND<2	ND<0.5	ND<0.5	0.11 J	0.77 J,B	ND<2
20-Dec-11	**46**	0.77	1.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.20 J,B	ND<0.5	ND<0.5	ND<0.5	0.35 J,B	ND<2
24-Jan-12	**28**	0.42 J	0.9	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.13 J,B	ND<0.5	ND<0.5	ND<0.5	0.46 J,B	ND<2
14-Feb-12	**16**	0.28 J	0.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.33 J	0.18 J,B	ND<0.5	ND<0.5	ND<0.5	0.58 J,B	ND<2
19-Mar-12	**25**	1.8	4.6	ND<0.5	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	0.10 J	1.8 J,B	ND<2
10-Apr-12	**50**	0.78	0.39 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.49 J,B	ND<2
The FRWs were shut down on April 19, 2012														
17-May-12	**24**	4.5	**76**	ND<0.5	0.42 J	0.25 J	ND<0.5	ND<0.5	0.14 J,B	0.12 J	0.14 J	0.12 J	2.6 B	2.4 B
The FRWs were restarted on June 7, 2012														
20-Jun-12	**48**	0.83	0.32 J	ND<0.5	ND<0.5	0.13 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	4.6 B	1.3 J,B
10-Jul-12	**40**	4.9	**17**	ND<0.5	0.70	0.12 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	0.13 J	1.2 J,B	ND<2
The FRWs were shut down on July 30, 2012														
21-Aug-12	**40**	**8.5**	**87**	0.24 J	0.57	0.37 J	0.13 J	0.12 J	0.73 J,B	0.54	0.17 J	0.23 J	ND<2	1.0 J,B
4-Sep-12	**59**	**9.8**	**68**	0.15 J	ND<5	0.43 J	0.16 J	0.14 J	ND<2	0.48 J	0.28 J	0.33 J	ND<2	3.5 B
19-Sep-12	**69**	**13**	**42**	0.13 J	0.29 J	0.51	0.13 J	0.13 J	ND<2	0.44 J	0.31 J	0.31 J	ND<2	1.9 J,B
31-Oct-12	**65**	**11**	**25**	ND<2.5	ND<2.5	ND<2.5	ND<2.5	1.5 J	ND<10	ND<2.5	ND<2.5	ND<2.5	ND<10	ND<10
18-Dec-12	**51**	**13**	**51**	0.14 J	0.65	0.50	0.17 J	ND<0.5	ND<2	0.10 J	0.26 J	0.33 J	ND<2	31 B
20-Feb-13	**9.1**	1.7	**70**	ND<0.5	**2.1**	0.37 J	0.31 J	0.37 J	ND<2	ND<0.5	0.28 J	0.38 J	0.87 J,B	35 B
20-Mar-13 [2/]	**6.8**	1.2	**69**	0.18 J	**9.1**	0.27 J	0.39 J	0.31 J	ND<2	ND<0.5	0.31 J	0.44 J	ND<2	60 B
23-Apr-13	4.0	1.4	**47**	ND<0.5	**7.9**	0.16 J	0.60	0.33 J	ND<2	ND<0.5	0.25 J	0.34 J	2.2 B	22 B
20-May-13	**6.0**	2.4	**49**	ND<0.5	**7.2**	0.2 J	1.1	0.39 J	ND<2	ND<0.5	0.11 J	0.32 J	2.8	7.7
The FRWs were restarted on June 12, 2013														
12-Jun-13	**45**	2.7	**22**	ND<0.5	**3.1**	0.35 J	1.3	0.27 J	ND<2	ND<0.5	ND<0.5	0.32 J	1.6 J	ND<2
17-Jun-13	**210**	9.8	**14**	ND<0.5	**1.0**	1.7 J	0.7	0.21 J	ND<2	ND<0.5	ND<0.5	0.21 J	ND<2	ND<2

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.
1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.
2. During March 2013 the groundwater sample from this well was also analyzed for Ethane and Ethene; nither compound

J : Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Method blank contamination, the associated method blank contains the target analyte at a reportable level.
ND: Not detected

PCE: Tetrachloroethylene
TCE: Trichloroethene
cis12DCE: cis-1,2-Dichloroethene
T12DCE: trans-1,2-Dichloroethylene
TCA: 1,1,1-Trichloroethane
11DCA: 1,1-Dichloroethane
VC: Vinyl chloride
EB: Ethyl Benzene
MC: Methylene chloride
112TCA: 1,1,2-Trichloroethane

Comments:
As of September 1, 2011 the water samples are analyzed by York Analytical Laboratories, Inc. The laboratory typically uses a reporting limit (RL) for water of 5 ug/l for VOC. York reports detections below 5 ug/l as an estimated value; these values are below the RL but greater than or equal to the method detection limit (MDL). A value reported below the RL but above the MDL is considered an estimated value and flagged with a "J". The calibration curve was adjusted to a reporting limit of 0.5 ug/l during October 2011.

TABLE 7

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

Recovery Well FRW-3 VOC Concentrations, micrograms per liter

FRW-3																					
Date	**PCE**	**TCE**	**cis12DCE**	**VC**	**11DCA**	**TCA**	**135TMB**	**IPB**	**NPB**	**o-Xylene**	**EB**	**m-&p-Xylenes**	**Toluene**	**Napthalene**	**p-IPT**	**SBB**	**TBB**	**MC**	**Benzene**	**n-Butylbenzene**	**Acetone**
ARARs	**5**	**5**	**5**	**1 [1/]**	**5**	**5**	**5 [1/]**	**5 [1/]**	**5 [1/]**	**5**	**5**	**5**	**5**	**10 [1/]**	**NE**	**5 [1/]**		**5**			**NE**
11-May-11	**85**	3.5	**13**	ND<1	ND<1	ND<1	ND<1	0.69 J	0.52 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
6-Jun-11	**80**	**12**	**47**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-11	**26**	ND<1	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
18-Aug-11	**11**	1.8	**7.3**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	**16**	1.5 J	2.4 J	ND<5	ND<5	ND<5	ND<5	3.6 J	3.0 J	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	4.5 J,B	ND<5	ND<5	4.4 J,B
11-Oct-11	**28**	2.5	**15**	ND<5	ND<5	2.5 J	ND<5	1.6 J	1.0 J	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	4.6 J,B	ND<5	ND<5	--
8-Nov-11	**36**	0.78	3.0	ND<0.5	ND<0.5	0.22 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.75 J,B	ND<0.5	ND<0.5	ND<2
20-Dec-11	**68**	4.3	**9.7**	0.28 J	0.21 J	0.74	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.43 J,B	ND<0.5	ND<0.5	ND<2
24-Jan-12	**23**	1.7	**12**	0.64	ND<0.5	ND<0.5	ND<0.5	1.8	0.9	ND<0.5	0.12 J	ND<0.5	0.16 J	0.12 J,B	ND<0.5	ND<0.5	ND<0.5	0.34 J,B	ND<0.5	ND<0.5	ND<2
14-Feb-12	**22**	1.3	3.4	0.33 J	ND<0.5	ND<0.5	0.27 J	1.8	1.4	ND<0.5	0.10 J	0.15 J	0.10 J	0.19 J,B	ND<0.5	ND<0.5	ND<0.5	0.38 J,B	ND<0.5	ND<0.5	ND<2
19-Mar-12	**12**	1.1	4.0	0.14 J	ND<0.5	ND<0.5	0.19 J	1.7	0.97	ND<0.5	0.18 J	0.15 J	0.11 J	0.12 J	0.17 J	0.11 J	ND<0.5	1.5 J,B	ND<0.5	ND<0.5	ND<2
10-Apr-12	**23**	1.0	**5.3**	0.16 J	ND<0.5	ND<0.5	0.18 J	1.6	0.99	ND<0.5	ND<0.5	0.12 J	ND<0.5	0.13 J	0.20 J	0.11 J	ND<0.5	0.47 J	ND<0.5	ND<0.5	ND<2
The FRWs were shut down on April 19, 2012																					
17-May-12	**31**	**5.5**	**31**	**1.3**	0.20 J	0.18 J	ND<0.5	1.6	1.2	ND<0.5	0.11 J	0.11 J	0.21 J	0.14 J,B	0.14 J	0.10 J	ND<0.5	2.8 B	ND<0.5	ND<0.5	2.6 B
The FRWs were restarted on June 7, 2012																					
20-Jun-12	**65**	2.5	2.9	ND<0.5	ND<0.5	0.30 J	0.15 J	2.0	1.3	0.13 J	0.15 J	0.15 J	0.11 J	0.16 J,B	0.22 J	0.14 J	ND<0.5	6.5 B	ND<0.5	ND<0.5	ND<2
10-Jul-12	**23**	4.2	3.1	0.26 J	ND<0.5	ND<0.5	0.17 J	1.8	1.3	ND<0.5	0.12 J	0.14 J	0.12 J	0.12 J,B	0.20 J	0.12 J	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<2
The FRWs were shut down on July 30, 2012																					
21-Aug-12	**32**	**8.2**	**41**	1.0	0.20 J	0.39 J	ND<0.5	0.70	0.46 J	ND<0.5	ND<0.5	ND<0.5	0.12 J	0.53 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<2
4-Sep-12	**34**	**6.6**	**34**	ND<0.5	0.14 J	0.35 J	0.16 J	2.1	2.1	ND<0.5	ND<0.5	ND<0.5	0.43 J	0.12 J,B	0.18 J	0.17 J	0.12 J	0.27 J,B	0.26 J	0.13 J	2.0 B
19-Sep-12	**15**	**4.6**	**45**	0.92	0.14 J	0.29 J	ND<0.5	0.53	0.16 J	ND<0.5	ND<0.5	ND<0.5	0.15 J	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<2	0.22 J	ND<0.5	2.7 B
31-Oct-12	**25**	**8.8**	**37**	**1.5**	0.22 J	0.36 J	ND<1	0.68	0.3 J	ND<1	ND<1	ND<1	0.22 J	ND<4	ND<1	ND<1	ND<1	ND<4	0.44 J	ND<1	ND<4
18-Dec-12	**46**	**10**	**25**	**1.7**	0.30 J	0.43 J	ND<0.5	0.74	0.34 J	0.11 J	ND<0.5	0.23 J	0.13 J	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<2	0.49 J	ND<0.5	2.1
20-Feb-13	**35**	**7.7**	**69**	**5.4**	0.60	0.47 J	ND<0.5	0.29 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.97 J,B	0.17 J	ND<0.5	ND<2
20-Mar-13 [2/]	**25**	**7.8**	**120**	**3.4**	1.3	0.71	ND<0.5	0.32 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	6.8 B
23-Apr-13	**1.3**	0.31 J	**370**	ND<0.5	3.6	0.56	ND<0.5	0.29 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.18 J	ND<2	ND<0.5	ND<0.5	ND<0.5	2.3 B	ND<0.5	ND<0.5	10 B
20-May-13	**1.4**	0.25 J	**320**	**9.2**	5.0	ND<0.5	ND<0.5	0.26 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.11 J	ND<2	ND<0.5	ND<0.5	ND<0.5	1.1 J	ND<0.5	ND<0.5	2.6
The FRWs were restarted on June 12, 2013																					
12-Jun-13	**9.9**	6.9 J	**46**	0.9	1.4	1.3	ND<0.5	0.35 J	0.5	ND<0.5	ND<0.5	ND<0.5	0.44 J	ND<2	ND<0.5	ND<0.5	ND<0.5	1.6 J	0.46 J	ND<0.5	ND<2
17-Jun-13	**230**	**18**	**70**	**5.4**	0.79	3.6	ND<0.5	1.6	0.87	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	4.1

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.
1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.
2. During March 2013 the groundwater sample from this well was also analyzed for Ethane and Ethene; nither compound was detected.

J : Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Method
ND: Not detected

PCE: Tetrachloroethylene
IPB: Isopropylbenzene
VC: Vinyl chloride
CM: Chloromethane

TCE: Trichloroethene
NPB: n-Propylbenzene
p-IPT: p-Isopropyltoluene
MC: Methylene chloride

cis12DCE: cis-1,2-Dichloroethene
EB: Ethyl Benzene
SBB: sec-Butylbenzene
TBB: tert-Butylbenzene

TCA: 1,1,1-Trichloroethane
11DCA: 1,1-Dichloroethane
135TMB: 1,3,5-Trimethylbenzene

Comments:
As of September 1, 2011 the water samples are analyzed by York Analytical Laboratories, Inc. The laboratory typically uses a reporting limit (RL) for water of 5 ug/l for VOC. York reports detections below 5 ug/l as an estimated value; these values are below the RL but greater than or equal to the method detection limit (MDL). A value reported below the RL but above the MDL is considered an estimated value and flagged with a "J". The calibration curve was adjusted to a reporting limit of 0.5 ug/l during October 2011.

TABLE 8

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

Recovery Well FRW-4 VOC Concentrations, micrograms per liter

FRW-4											
Date	**PCE**	**TCE**	**cis12DCE**	**VC**	**TCA**	**11DCA**	**m-&p-Xylenes**	**o-Xylene**	**Napthalene**	**MC**	**Acetone**
ARARs	**5**	**5**	**5**	**1** [1/]	**5**	**5**	**5**	**5**	**NE**	**5**	**NE**
11-May-11	3.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
6-Jun-11	2.8	ND<1	0.7 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-11	2.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
18-Aug-11	2.8	ND<1	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	**22**	0.99 J	3.1 J	ND<5	ND<5	ND<5	ND<10	ND<5	ND<10	4.8 J,B	4.5 J,B
11-Oct-11	**13**	2.0 J	1.6 J	ND<5	ND<5	ND<5	ND<10	ND<5	ND<10	4.3 J,B	--
8-Nov-11	**30**	1.8	**6.0**	ND<0.5	0.19 J	ND<0.5	ND<1	ND<0.5	ND<2	0.77 J,B	ND<2
20-Dec-11	**39**	1.7	2.4	ND<0.5	0.44 J	ND<0.5	ND<1	ND<0.5	0.21 J,B	0.47 J,B	ND<2
24-Jan-12	**15**	0.83	4.6	ND<0.5	0.13 J	ND<0.5	ND<1	ND<0.5	ND<2	0.31 J,B	1.2 J,B
14-Feb-12	**25**	0.98	3.3	ND<0.5	0.14 J	ND<0.5	ND<1	ND<0.5	0.13 J,B	0.55 J,B	ND<2
19-Mar-12	**22**	1.2	**6.8**	0.11 J	0.14 J	ND<0.5	ND<1	ND<0.5	ND<2	1.6 J,B	1.2 J,B
10-Apr-12	**12**	0.79	1.8	ND<0.5	0.10 J	ND<0.5	ND<1	ND<0.5	ND<2	0.50	ND<2
The FRWs were shut down on April 19, 2012											
17-May-12	**10**	0.88	**11**	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	0.12 J,B	2.4 B	1.6 J,B
The FRWs were restarted on June 7, 2012											
20-Jun-12	**21**	1.6	2.4	ND<0.5	0.16 J	ND<0.5	ND<1	ND<0.5	ND<2	7.1 B	ND<2
10-Jul-12	**24**	3.8	4.7	ND<0.5	0.27 J	ND<0.5	0.12 J	0.16 J	1.9 J,B	1.2 J,B	ND<2
The FRWs were shut down on July 30, 2012											
21-Aug-12	**14**	0.86	**19**	ND<0.5	0.21 J	ND<0.5	ND<1	ND<0.5	0.34 J,B	ND<2	ND<2
4-Sep-12	**13**	0.64	**21**	ND<0.5	0.21 J	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	1.5 J,B
19-Sep-12	**6.1**	0.33 J	**25**	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	ND<2
31-Oct-12	2.3	ND<0.5	**14**	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	2.8
18-Dec-12	0.36 J	0.13 J	1.1	ND<0.5	ND<0.5	ND<0.5	0.29 J	0.14 J	ND<2	ND<2	1.3 J,B
20-Feb-13	**15**	1.9	2.4	ND<0.5	0.72 J	ND<0.5	ND<1	ND<0.5	ND<2	1.4 J,B	ND<2
20-Mar-13 [2/]	**62**	8.8	**43**	0.10 J	2.4	1.9	ND<1	ND<0.5	ND<2	ND<2	1.5 J,B
23-Apr-13	**82**	**11**	**39**	ND<0.5	2.7	1.7	ND<1	ND<0.5	ND<2	2.0 B	ND<2
20-May-13	**47**	**13**	**22**	ND<0.5	3.5	1.4	ND<1	ND<0.5	ND<2	1.1 J	ND<2
The FRWs were restarted on June 12, 2013											
12-Jun-13	**25**	**7.5**	**9.3**	ND<0.5	1.0	0.49 J	ND<1	ND<0.5	ND<2	1.5 J	ND<2
17-Jun-13	**12**	**2.1**	**3.0**	ND<0.5	0.22 J	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	ND<2

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.
1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.
2. During March 2013 the groundwater sample from this well was also analyzed for Ethane and Ethene; nither

J : Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Method blank contamination, the associated method blank contains the target analyte at a reportable level.
ND: Not detected

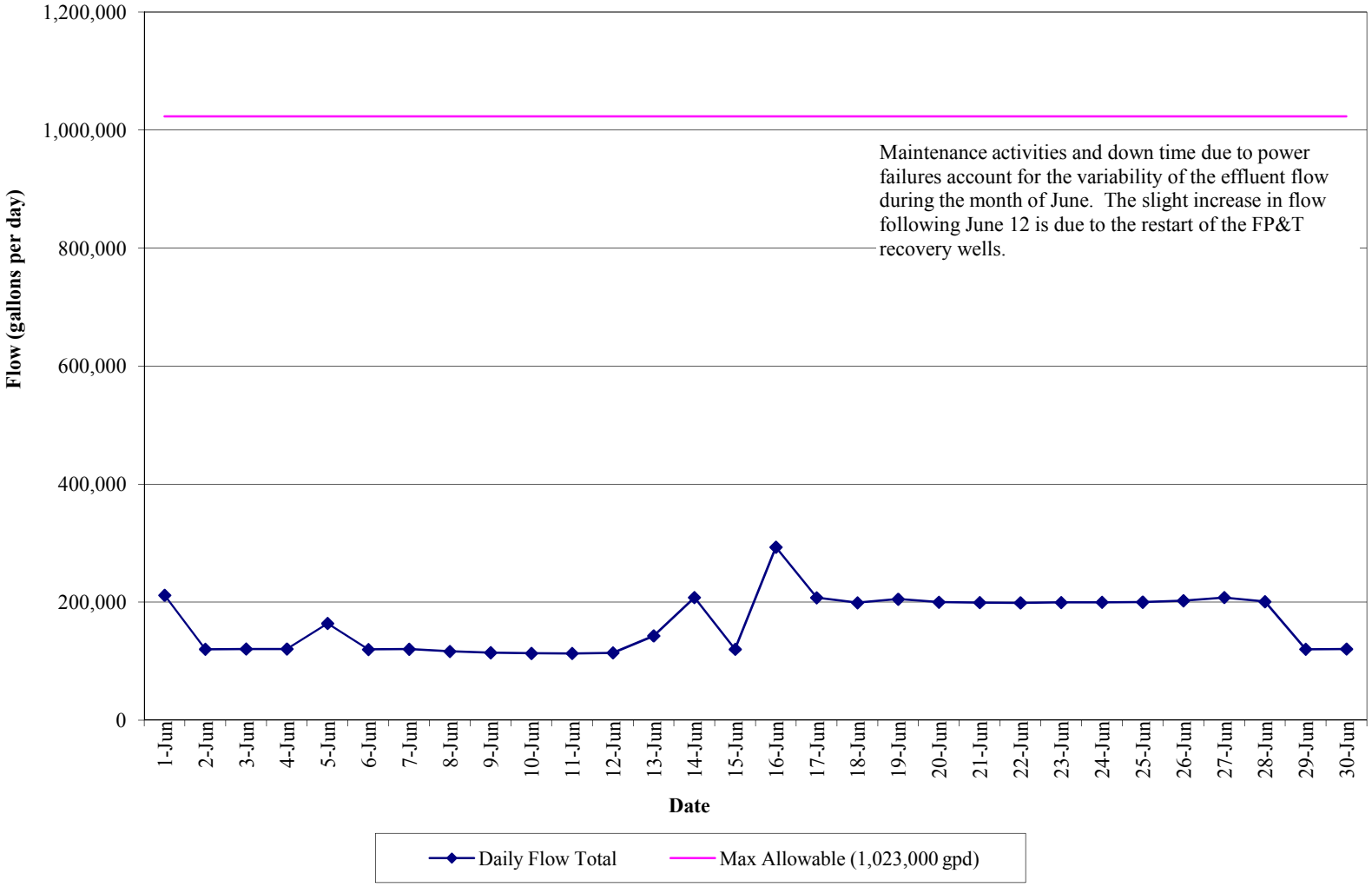
PCE: Tetrachloroethylene	TCE: Trichloroethene	cis12DCE: cis-1,2-Dichloroethene
IPB: Isopropylbenzene	NPB: n-Propylbenzene	NBB: n-Butylbenzene
VMC: Metylene Chloride	TCA: 1,1,1-Trichloroethane	C: Vinyl Chloride

Comments:
As of September 1, 2011 the water samples are analyzed by York Analytical Laboratories, Inc. The laboratory typically uses a reporting limit (RL) for water of 5 ug/l for VOC. York reports detections below 5 ug/l as an estimated value; these values are below the RL but greater than or equal to the method detection limit (MDL). A value reported below the RL but above the MDL is considered an estimated value and flagged with a "J". The calibration curve was adjusted to a reporting limit of 0.5 ug/l during October 2011.

GRAPHS

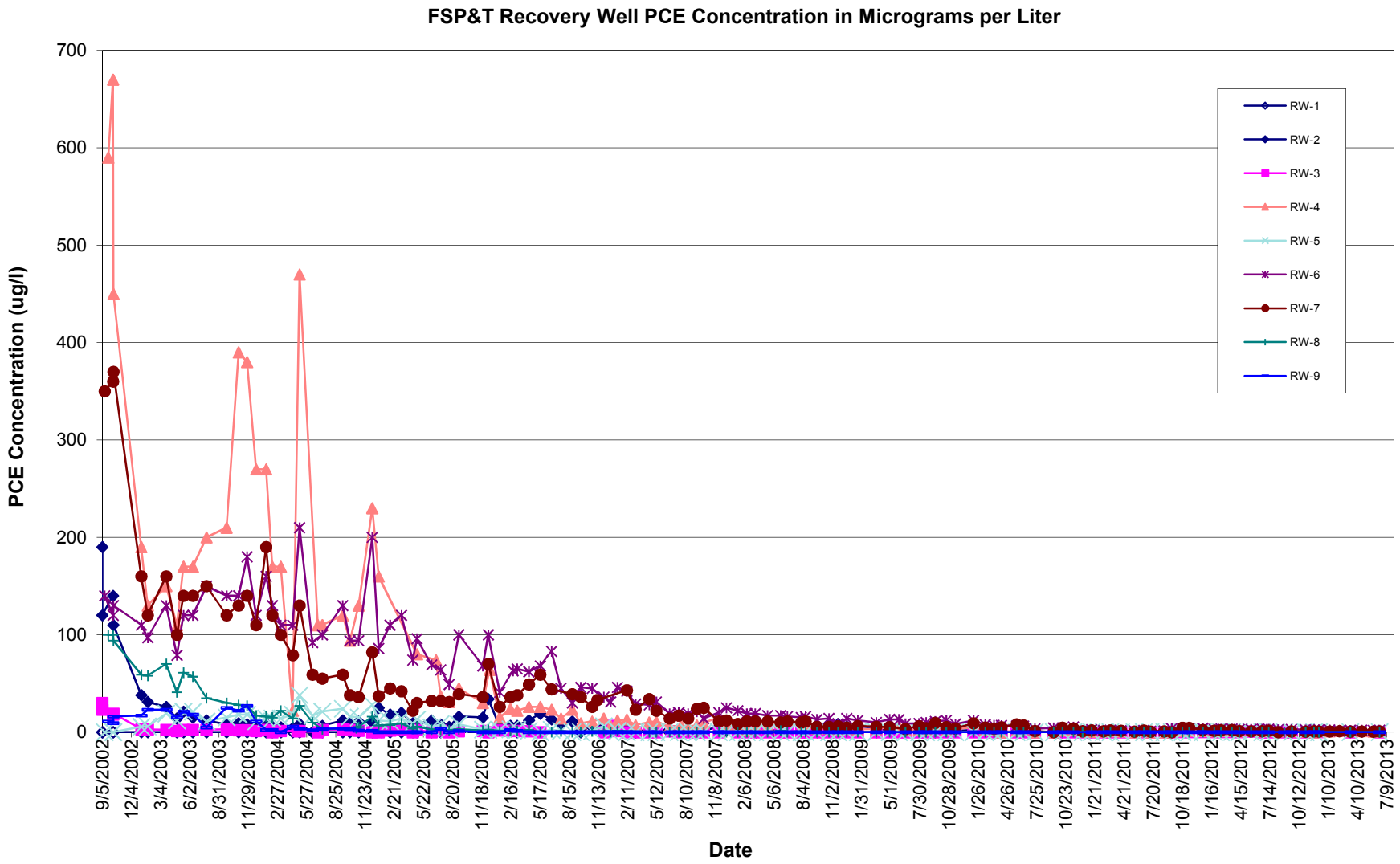
GRAPH 1
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Effluent Flow Data
(June 1, 2013 to June 30, 2013)



GRAPH 2

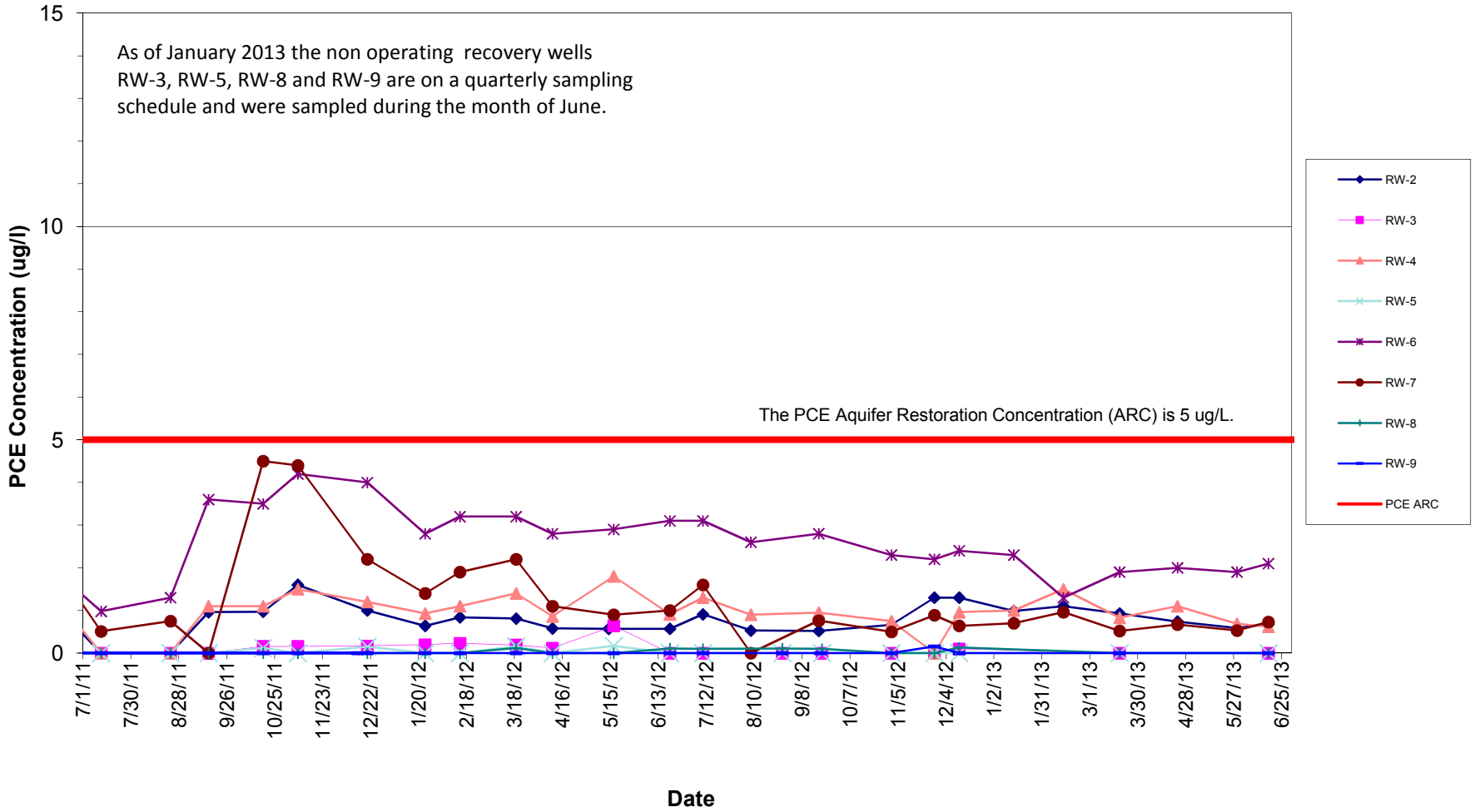
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK



GRAPH 3

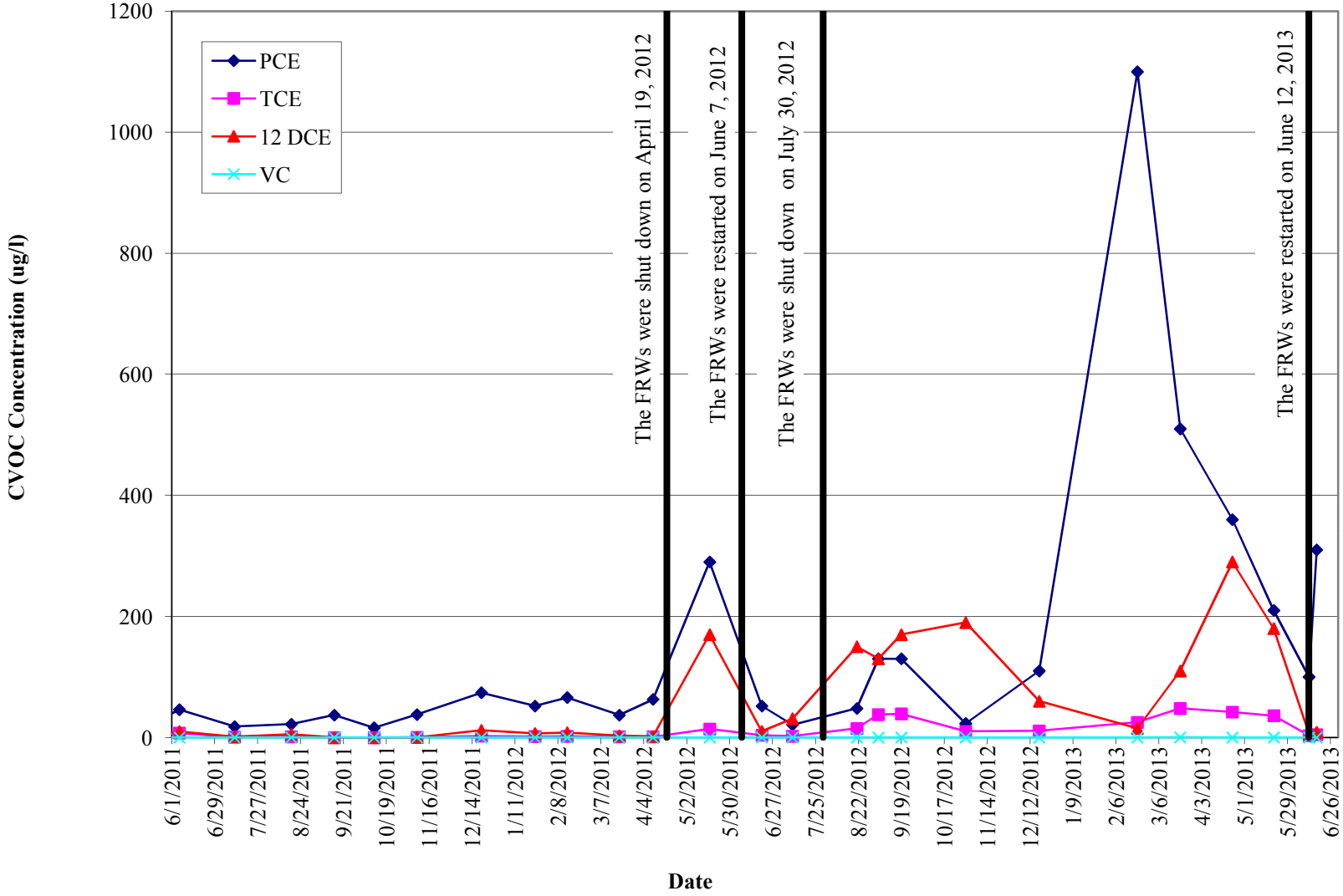
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FSP&T Recovery Well PCE Concentration



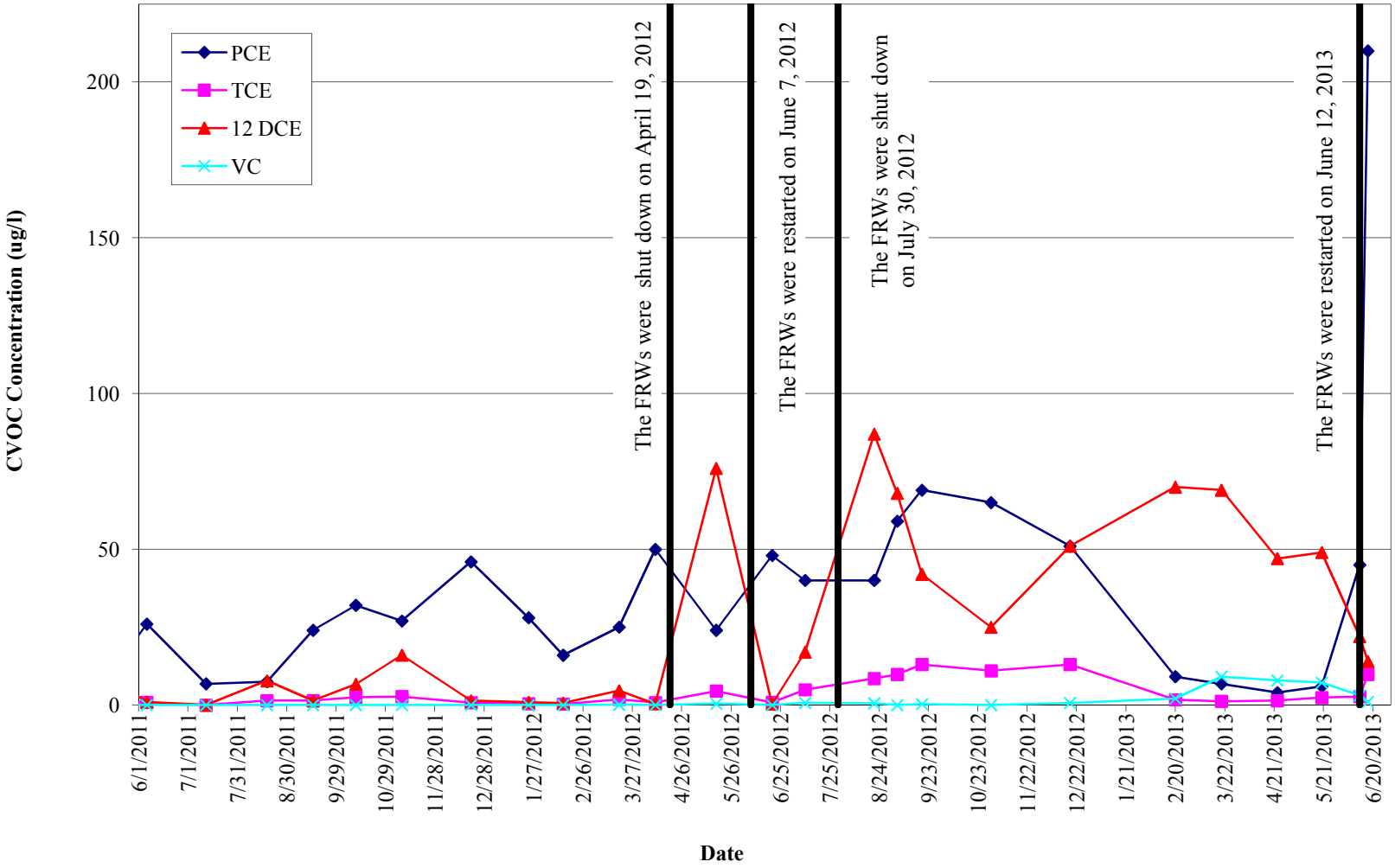
GRAPH 4
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-1



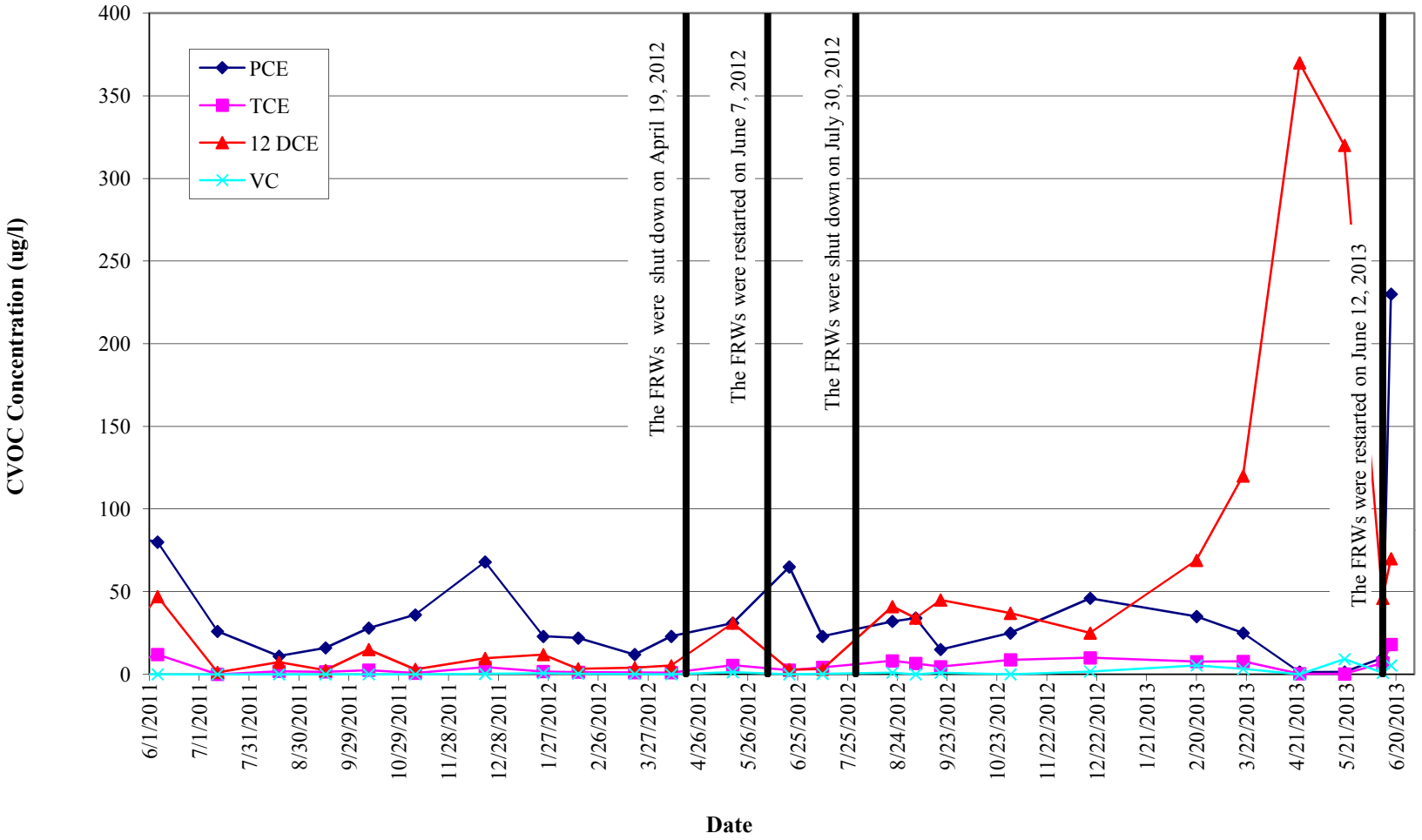
GRAPH 5
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-2



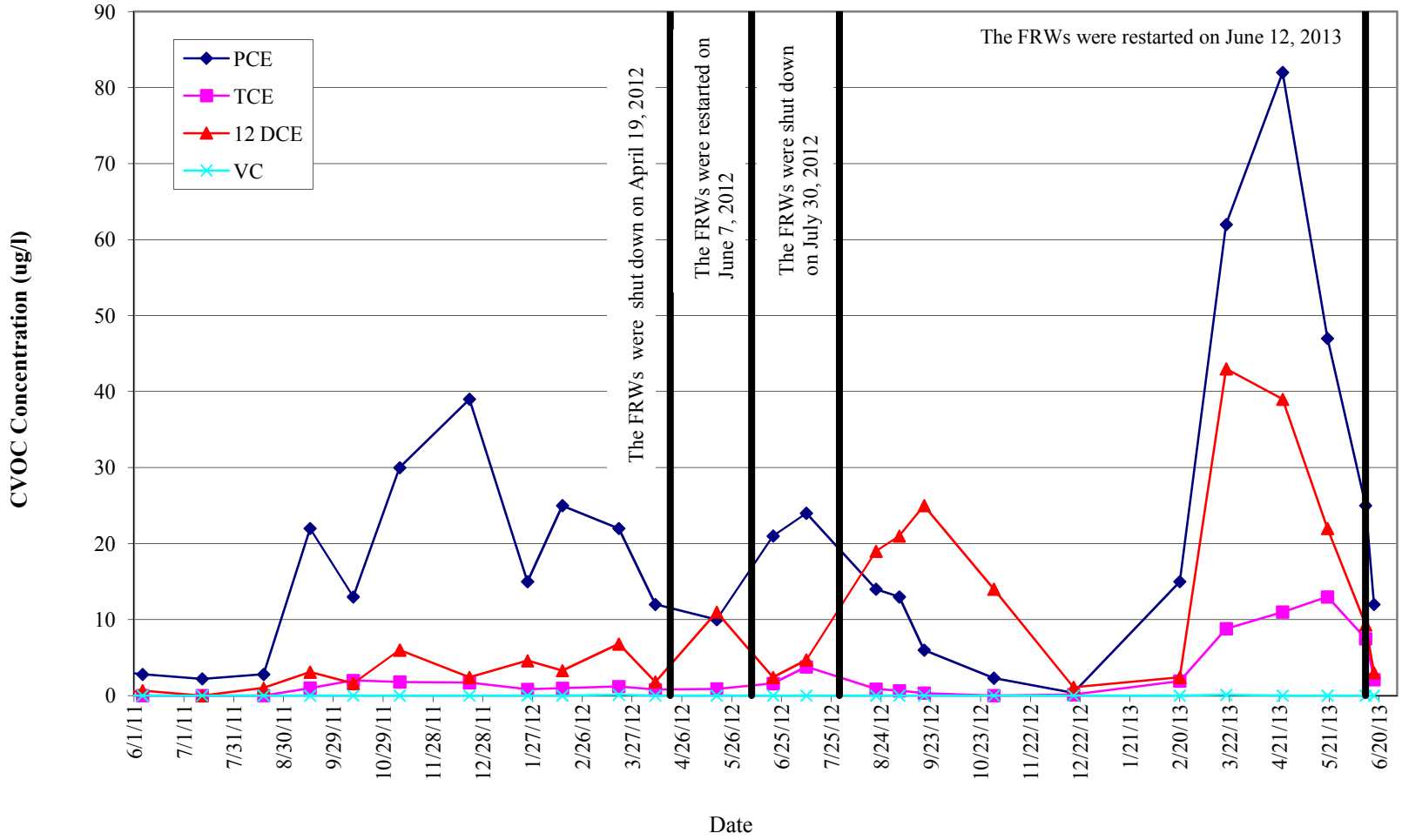
GRAPH 6
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-3



GRAPH 7
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-4



APPENDIX I
JUNE 2013 LABORATORY ANALYTICAL REPORTS
FOR FSP&T SYSTEM

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 06/13/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0270

Report Date: 06/13/2013
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York Project (SDG) No.: 13F0270

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 06, 2013 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13F0270-01	WQ060413:1030NP2-6	Water	06/04/2013	06/06/2013
13F0270-02	WQ060413:1035NP2-7	Water	06/04/2013	06/06/2013
13F0271-01	WQ060413:1040NP2-10	Water	06/04/2013	06/06/2013

General Notes for York Project (SDG) No.: 13F0270

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

Approved By: 

Date: 06/13/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ060413:1030NP2-6 **York Sample ID:** 13F0270-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0270	Rowe Industries	Water	June 4, 2013 10:30 am	06/06/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
71-55-6	1,1,1-Trichloroethane	**1.0**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
75-34-3	1,1-Dichloroethane	**0.31**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
75-25-2	Bromoform	**0.41**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS

Sample Information

Client Sample ID: WQ060413:1030NP2-6 **York Sample ID:** 13F0270-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0270	Rowe Industries	Water	June 4, 2013 10:30 am	06/06/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
124-48-1	Dibromochloromethane	**0.38**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
127-18-4	Tetrachloroethylene	**1.0**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:01	SS

Sample Information

Client Sample ID: WQ060413:1030NP2-6 **York Sample ID:** 13F0270-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0270	Rowe Industries	Water	June 4, 2013 10:30 am	06/06/2013

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*		*72.6-129*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*120 %*		*63.5-145*							
2037-26-5	*Surrogate: Toluene-d8*	*96.0 %*		*81.2-127*							

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	06/12/2013 15:40	06/12/2013 18:20	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**4.90**		mg/L	0.0100	0.0200	1	EPA 200.7	06/12/2013 15:44	06/12/2013 19:54	MW

Sample Information

Client Sample ID: WQ060413:1035NP2-7 **York Sample ID:** 13F0270-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0270	Rowe Industries	Water	June 4, 2013 10:35 am	06/06/2013

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS

Sample Information

Client Sample ID: WQ060413:1035NP2-7 **York Sample ID:** 13F0270-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0270	Rowe Industries	Water	June 4, 2013 10:35 am	06/06/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
75-25-2	Bromoform	**0.68**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
124-48-1	Dibromochloromethane	**0.45**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS

Sample Information

Client Sample ID: WQ060413:1035NP2-7 **York Sample ID:** 13F0270-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0270	Rowe Industries	Water	June 4, 2013 10:35 am	06/06/2013

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/11/2013 10:50	06/13/2013 00:42	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*116 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*93.7 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	06/12/2013 15:40	06/12/2013 18:25	MW

Sample Information

Client Sample ID: WQ060413:1035NP2-7 **York Sample ID:** 13F0270-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0270	Rowe Industries	Water	June 4, 2013 10:35 am	06/06/2013

Iron by EPA 200.7 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**6.20**		mg/L	0.0100	0.0200	1	EPA 200.7	06/12/2013 15:44	06/12/2013 20:12	MW

Sample Information

Client Sample ID: WQ060413:1040NP2-10 **York Sample ID:** 13F0271-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0271	Rowe Industries	Water	June 4, 2013 10:40 am	06/06/2013

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS

Sample Information

Client Sample ID: WQ060413:1040NP2-10 **York Sample ID:** 13F0271-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0271	Rowe Industries	Water	June 4, 2013 10:40 am	06/06/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS

Sample Information

Client Sample ID: WQ060413:1040NP2-10 **York Sample ID:** 13F0271-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0271	Rowe Industries	Water	June 4, 2013 10:40 am	06/06/2013

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/11/2013 10:50	06/12/2013 12:07	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*116 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*94.1 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	06/12/2013 15:40	06/12/2013 18:30	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**12.1**		mg/L	0.0100	0.0200	1	EPA 200.7	06/12/2013 15:44	06/12/2013 20:17	MW

Total Dissolved Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**163**		mg/L	1.00	1.00	1	SM 2540C	06/10/2013 13:17	06/11/2013 12:54	ALD

Analytical Batch Summary

Batch ID: BF30423 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
13F0271-01	WQ060413:1040NP2-10	06/10/13
BF30423-BLK1	Blank	06/10/13
BF30423-DUP1	Duplicate	06/10/13

Batch ID: BF30530 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13F0271-01	WQ060413:1040NP2-10	06/11/13
BF30530-BLK1	Blank	06/12/13
BF30530-BS1	LCS	06/12/13
BF30530-BSD1	LCS Dup	06/12/13

Batch ID: BF30573 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13F0270-01	WQ060413:1030NP2-6	06/11/13
13F0270-02	WQ060413:1035NP2-7	06/11/13
BF30573-BLK1	Blank	06/12/13
BF30573-BS1	LCS	06/12/13
BF30573-BSD1	LCS Dup	06/12/13

Batch ID: BF30578 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0270-01	WQ060413:1030NP2-6	06/12/13
13F0270-02	WQ060413:1035NP2-7	06/12/13
13F0271-01	WQ060413:1040NP2-10	06/12/13
BF30578-BLK1	Blank	06/12/13
BF30578-DUP1	Duplicate	06/12/13
BF30578-MS1	Matrix Spike	06/12/13
BF30578-SRM1	Reference	06/12/13

Batch ID: BF30579 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0270-01	WQ060413:1030NP2-6	06/12/13
13F0270-02	WQ060413:1035NP2-7	06/12/13
13F0271-01	WQ060413:1040NP2-10	06/12/13
BF30579-BLK1	Blank	06/12/13
BF30579-DUP1	Duplicate	06/12/13
BF30579-MS1	Matrix Spike	06/12/13
BF30579-SRM1	Reference	06/12/13

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30530 - EPA 5030B											
Blank (BF30530-BLK1)											
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	0.20	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
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	1.8	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	"								
o-Xylene	ND	0.50	"								

Prepared & Analyzed: 06/12/2013

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30530 - EPA 5030B											
Blank (BF30530-BLK1)								Prepared & Analyzed: 06/12/2013			
p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	0.23	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	"								
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.5*		*"*	*10.0*		*115*	*63.5-145*				
Surrogate: Toluene-d8	*9.43*		*"*	*10.0*		*94.3*	*81.2-127*				
LCS (BF30530-BS1)								Prepared & Analyzed: 06/12/2013			
1,1,1,2-Tetrachloroethane	11.4		ug/L	10.0		114	82.3-130				
1,1,1-Trichloroethane	11.4		"	10.0		114	75.6-137				
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.05		"	10.0		90.5	71.1-129				
1,1,2-Trichloroethane	9.82		"	10.0		98.2	74.5-129				
1,1-Dichloroethane	8.80		"	10.0		88.0	79.6-132				
1,1-Dichloroethylene	8.31		"	10.0		83.1	80.2-146				
1,1-Dichloropropylene	9.87		"	10.0		98.7	75-136				
1,2,3-Trichlorobenzene	11.6		"	10.0		116	66.1-136				
1,2,3-Trichloropropane	10.5		"	10.0		105	63-131				
1,2,4-Trichlorobenzene	11.7		"	10.0		117	70.6-136				
1,2,4-Trimethylbenzene	10.3		"	10.0		103	75.3-135				
1,2-Dibromo-3-chloropropane	8.09		"	10.0		80.9	58.9-140				
1,2-Dibromoethane	11.0		"	10.0		110	79-130				
1,2-Dichlorobenzene	10.3		"	10.0		103	76.1-122				
1,2-Dichloroethane	10.3		"	10.0		103	74.6-132				
1,2-Dichloropropane	9.56		"	10.0		95.6	76.9-129				
1,3,5-Trimethylbenzene	10.2		"	10.0		102	70.6-127				
1,3-Dichlorobenzene	10.7		"	10.0		107	77-124				
1,3-Dichloropropane	9.63		"	10.0		96.3	75.8-126				
1,4-Dichlorobenzene	10.5		"	10.0		105	76.6-125				
2,2-Dichloropropane	11.5		"	10.0		115	69-133				
2-Chlorotoluene	9.87		"	10.0		98.7	66.3-119				
2-Hexanone	10.1		"	10.0		101	70-130				
4-Chlorotoluene	10.1		"	10.0		101	69.2-127				
Acetone	7.46		"	10.0		74.6	70-130				
Benzene	10.5		"	10.0		105	76.2-129				
Bromobenzene	10.0		"	10.0		100	71.3-123				
Bromochloromethane	10.4		"	10.0		104	70.8-137				
Bromodichloromethane	10.6		"	10.0		106	79.7-134				
Bromoform	13.6		"	10.0		136	70.5-141				
Bromomethane	8.73		"	10.0		87.3	43.9-147				
Carbon tetrachloride	12.2		"	10.0		122	78.1-138				
Chlorobenzene	10.2		"	10.0		102	80.4-125				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30530 - EPA 5030B											
LCS (BF30530-BS1)							Prepared & Analyzed: 06/12/2013				
Chloroethane	8.55		ug/L	10.0		85.5	55.8-140				
Chloroform	10.5		"	10.0		105	76.6-133				
Chloromethane	7.89		"	10.0		78.9	48.8-115				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	75.1-128				
cis-1,3-Dichloropropylene	11.2		"	10.0		112	74.5-128				
Dibromochloromethane	12.6		"	10.0		126	79.8-134				
Dibromomethane	9.48		"	10.0		94.8	79-130				
Dichlorodifluoromethane	8.35		"	10.0		83.5	47.1-101				
Ethyl Benzene	10.4		"	10.0		104	80.8-128				
Hexachlorobutadiene	11.2		"	10.0		112	64.8-128				
Isopropylbenzene	10.7		"	10.0		107	75.5-135				
Methyl tert-butyl ether (MTBE)	9.70		"	10.0		97.0	65.1-140				
Methylene chloride	6.69		"	10.0		66.9	61.3-120				
Naphthalene	12.1		"	10.0		121	62.3-148				
n-Butylbenzene	9.66		"	10.0		96.6	67.2-123				
n-Propylbenzene	10.3		"	10.0		103	70.5-127				
o-Xylene	9.75		"	10.0		97.5	75.9-122				
p- & m- Xylenes	20.6		"	20.0		103	77.7-127				
p-Isopropyltoluene	10.7		"	10.0		107	75.6-129				
sec-Butylbenzene	10.6		"	10.0		106	71.5-125				
Styrene	10.5		"	10.0		105	77.8-123				
tert-Butylbenzene	10.6		"	10.0		106	75.9-151				
Tetrachloroethylene	10.6		"	10.0		106	63.6-167				
Toluene	9.92		"	10.0		99.2	77-123				
trans-1,2-Dichloroethylene	8.70		"	10.0		87.0	76.3-139				
trans-1,3-Dichloropropylene	10.9		"	10.0		109	72.5-137				
Trichloroethylene	10.2		"	10.0		102	77.9-130				
Trichlorofluoromethane	8.93		"	10.0		89.3	57.4-133				
Vinyl Chloride	8.17		"	10.0		81.7	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*63.5-145*				
Surrogate: Toluene-d8	*9.48*		*"*	*10.0*		*94.8*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Batch BF30530 - EPA 5030B

LCS Dup (BF30530-BSD1) Prepared & Analyzed: 06/12/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	11.3		ug/L	10.0		113	82.3-130		1.32	21.1	
1,1,1-Trichloroethane	11.7		"	10.0		117	75.6-137		2.16	19.7	
1,1,2,2-Tetrachloroethane	9.83		"	10.0		98.3	71.3-131		4.67	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.27		"	10.0		92.7	71.1-129		2.40	21.7	
1,1,2-Trichloroethane	9.08		"	10.0		90.8	74.5-129		7.83	20.3	
1,1-Dichloroethane	10.2		"	10.0		102	79.6-132		15.1	20.6	
1,1-Dichloroethylene	8.58		"	10.0		85.8	80.2-146		3.20	20	
1,1-Dichloropropylene	10.3		"	10.0		103	75-136		4.17	19.3	
1,2,3-Trichlorobenzene	11.2		"	10.0		112	66.1-136		3.16	21.6	
1,2,3-Trichloropropane	10.0		"	10.0		100	63-131		4.09	23.9	
1,2,4-Trichlorobenzene	11.3		"	10.0		113	70.6-136		3.22	21.7	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	75.3-135		1.82	18.8	
1,2-Dibromo-3-chloropropane	8.12		"	10.0		81.2	58.9-140		0.370	27.7	
1,2-Dibromoethane	10.6		"	10.0		106	79-130		4.07	23	
1,2-Dichlorobenzene	10.2		"	10.0		102	76.1-122		1.17	19.8	
1,2-Dichloroethane	10.5		"	10.0		105	74.6-132		1.44	20.2	
1,2-Dichloropropane	9.39		"	10.0		93.9	76.9-129		1.79	20.7	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	70.6-127		3.18	18.9	
1,3-Dichlorobenzene	11.0		"	10.0		110	77-124		2.94	19.2	
1,3-Dichloropropane	9.30		"	10.0		93.0	75.8-126		3.49	22.1	
1,4-Dichlorobenzene	10.4		"	10.0		104	76.6-125		0.766	18.6	
2,2-Dichloropropane	11.9		"	10.0		119	69-133		2.82	19.8	
2-Chlorotoluene	10.1		"	10.0		101	66.3-119		2.70	21.6	
2-Hexanone	8.63		"	10.0		86.3	70-130		15.9	30	
4-Chlorotoluene	10.4		"	10.0		104	69.2-127		2.54	19	
Acetone	7.77		"	10.0		77.7	70-130		4.07	30	
Benzene	10.9		"	10.0		109	76.2-129		3.46	19	
Bromobenzene	9.94		"	10.0		99.4	71.3-123		1.10	20.3	
Bromochloromethane	10.4		"	10.0		104	70.8-137		0.0961	23.9	
Bromodichloromethane	10.3		"	10.0		103	79.7-134		2.11	21	
Bromoform	12.8		"	10.0		128	70.5-141		5.82	21.8	
Bromomethane	8.75		"	10.0		87.5	43.9-147		0.229	28.4	
Carbon tetrachloride	12.6		"	10.0		126	78.1-138		2.91	20.1	
Chlorobenzene	10.1		"	10.0		101	80.4-125		1.48	19.9	
Chloroethane	8.83		"	10.0		88.3	55.8-140		3.22	23.3	
Chloroform	10.9		"	10.0		109	76.6-133		3.75	20.3	
Chloromethane	8.26		"	10.0		82.6	48.8-115		4.58	24.5	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	75.1-128		4.03	20.5	
cis-1,3-Dichloropropylene	10.8		"	10.0		108	74.5-128		3.45	19.9	
Dibromochloromethane	11.8		"	10.0		118	79.8-134		6.58	21.3	
Dibromomethane	9.31		"	10.0		93.1	79-130		1.81	22.4	
Dichlorodifluoromethane	8.69		"	10.0		86.9	47.1-101		3.99	23.9	
Ethyl Benzene	10.4		"	10.0		104	80.8-128		0.481	19.2	
Hexachlorobutadiene	11.2		"	10.0		112	64.8-128		0.0892	20.6	
Isopropylbenzene	11.0		"	10.0		110	75.5-135		2.95	20	
Methyl tert-butyl ether (MTBE)	9.27		"	10.0		92.7	65.1-140		4.53	23.6	
Methylene chloride	6.56		"	10.0		65.6	61.3-120		1.96	20.4	
Naphthalene	11.4		"	10.0		114	62.3-148		6.39	27.1	
n-Butylbenzene	9.71		"	10.0		97.1	67.2-123		0.516	19.1	
n-Propylbenzene	10.6		"	10.0		106	70.5-127		3.35	23.4	
o-Xylene	9.75		"	10.0		97.5	75.9-122		0.00	19.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30530 - EPA 5030B											
LCS Dup (BF30530-BSD1)								Prepared & Analyzed: 06/12/2013			
p- & m- Xylenes	20.7		ug/L	20.0		104	77.7-127		0.387	18.6	
p-Isopropyltoluene	11.0		"	10.0		110	75.6-129		2.85	19.1	
sec-Butylbenzene	10.9		"	10.0		109	71.5-125		2.69	18.9	
Styrene	10.4		"	10.0		104	77.8-123		1.53	20.9	
tert-Butylbenzene	10.9		"	10.0		109	75.9-151		2.04	20.9	
Tetrachloroethylene	10.7		"	10.0		107	63.6-167		0.937	27.7	
Toluene	9.94		"	10.0		99.4	77-123		0.201	18.7	
trans-1,2-Dichloroethylene	9.20		"	10.0		92.0	76.3-139		5.59	19.5	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137		2.79	19.3	
Trichloroethylene	10.2		"	10.0		102	77.9-130		0.0980	20.5	
Trichlorofluoromethane	9.32		"	10.0		93.2	57.4-133		4.27	21.4	
Vinyl Chloride	8.41		"	10.0		84.1	54.9-124		2.90	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.98*		*"*	*10.0*		*99.8*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*63.5-145*				
Surrogate: Toluene-d8	*9.58*		*"*	*10.0*		*95.8*	*81.2-127*				
Batch BF30573 - EPA 5030B											
Blank (BF30573-BLK1)								Prepared & Analyzed: 06/12/2013			
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	0.22	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
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	1.4	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	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30573 - EPA 5030B											
Blank (BF30573-BLK1)											
Prepared & Analyzed: 06/12/2013											
Chlorobenzene	ND	0.50	ug/L								
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	"								
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*12.2*		*"*	*10.0*		*122*	*63.5-145*				
Surrogate: Toluene-d8	*9.62*		*"*	*10.0*		*96.2*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BF30573 - EPA 5030B

LCS (BF30573-BS1) Prepared & Analyzed: 06/12/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	11.5		ug/L	10.0		115	82.3-130				
1,1,1-Trichloroethane	11.6		"	10.0		116	75.6-137				
1,1,2,2-Tetrachloroethane	9.94		"	10.0		99.4	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.31		"	10.0		93.1	71.1-129				
1,1,2-Trichloroethane	9.67		"	10.0		96.7	74.5-129				
1,1-Dichloroethane	10.0		"	10.0		100	79.6-132				
1,1-Dichloroethylene	8.44		"	10.0		84.4	80.2-146				
1,1-Dichloropropylene	10.4		"	10.0		104	75-136				
1,2,3-Trichlorobenzene	11.1		"	10.0		111	66.1-136				
1,2,3-Trichloropropane	10.6		"	10.0		106	63-131				
1,2,4-Trichlorobenzene	11.7		"	10.0		117	70.6-136				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	75.3-135				
1,2-Dibromo-3-chloropropane	8.21		"	10.0		82.1	58.9-140				
1,2-Dibromoethane	10.8		"	10.0		108	79-130				
1,2-Dichlorobenzene	10.5		"	10.0		105	76.1-122				
1,2-Dichloroethane	10.6		"	10.0		106	74.6-132				
1,2-Dichloropropane	9.51		"	10.0		95.1	76.9-129				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	70.6-127				
1,3-Dichlorobenzene	11.0		"	10.0		110	77-124				
1,3-Dichloropropane	9.47		"	10.0		94.7	75.8-126				
1,4-Dichlorobenzene	10.7		"	10.0		107	76.6-125				
2,2-Dichloropropane	9.91		"	10.0		99.1	69-133				
2-Chlorotoluene	10.4		"	10.0		104	66.3-119				
2-Hexanone	9.40		"	10.0		94.0	70-130				
4-Chlorotoluene	10.5		"	10.0		105	69.2-127				
Acetone	7.41		"	10.0		74.1	70-130				
Benzene	10.7		"	10.0		107	76.2-129				
Bromobenzene	10.4		"	10.0		104	71.3-123				
Bromochloromethane	10.1		"	10.0		101	70.8-137				
Bromodichloromethane	10.5		"	10.0		105	79.7-134				
Bromoform	12.8		"	10.0		128	70.5-141				
Bromomethane	8.71		"	10.0		87.1	43.9-147				
Carbon tetrachloride	12.6		"	10.0		126	78.1-138				
Chlorobenzene	10.4		"	10.0		104	80.4-125				
Chloroethane	8.58		"	10.0		85.8	55.8-140				
Chloroform	10.9		"	10.0		109	76.6-133				
Chloromethane	8.25		"	10.0		82.5	48.8-115				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	75.1-128				
cis-1,3-Dichloropropylene	10.7		"	10.0		107	74.5-128				
Dibromochloromethane	12.2		"	10.0		122	79.8-134				
Dibromomethane	9.67		"	10.0		96.7	79-130				
Dichlorodifluoromethane	8.72		"	10.0		87.2	47.1-101				
Ethyl Benzene	10.6		"	10.0		106	80.8-128				
Hexachlorobutadiene	11.6		"	10.0		116	64.8-128				
Isopropylbenzene	11.3		"	10.0		113	75.5-135				
Methyl tert-butyl ether (MTBE)	9.26		"	10.0		92.6	65.1-140				
Methylene chloride	6.59		"	10.0		65.9	61.3-120				
Naphthalene	11.9		"	10.0		119	62.3-148				
n-Butylbenzene	9.73		"	10.0		97.3	67.2-123				
n-Propylbenzene	10.7		"	10.0		107	70.5-127				
o-Xylene	9.96		"	10.0		99.6	75.9-122				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30573 - EPA 5030B											
LCS (BF30573-BS1)							Prepared & Analyzed: 06/12/2013				
p- & m- Xylenes	21.2		ug/L	20.0		106	77.7-127				
p-Isopropyltoluene	11.3		"	10.0		113	75.6-129				
sec-Butylbenzene	11.2		"	10.0		112	71.5-125				
Styrene	10.5		"	10.0		105	77.8-123				
tert-Butylbenzene	11.2		"	10.0		112	75.9-151				
Tetrachloroethylene	11.3		"	10.0		113	63.6-167				
Toluene	10.0		"	10.0		100	77-123				
trans-1,2-Dichloroethylene	9.08		"	10.0		90.8	76.3-139				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137				
Trichloroethylene	10.5		"	10.0		105	77.9-130				
Trichlorofluoromethane	9.20		"	10.0		92.0	57.4-133				
Vinyl Chloride	8.07		"	10.0		80.7	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.61*		*"*	*10.0*		*96.1*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.3*		*"*	*10.0*		*113*	*63.5-145*				
Surrogate: Toluene-d8	*9.56*		*"*	*10.0*		*95.6*	*81.2-127*				
LCS Dup (BF30573-BSD1)							Prepared & Analyzed: 06/12/2013				
1,1,1,2-Tetrachloroethane	12.3		ug/L	10.0		123	82.3-130		6.39	21.1	
1,1,1-Trichloroethane	11.5		"	10.0		115	75.6-137		1.12	19.7	
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	71.3-131		9.94	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.08		"	10.0		90.8	71.1-129		2.50	21.7	
1,1,2-Trichloroethane	9.74		"	10.0		97.4	74.5-129		0.721	20.3	
1,1-Dichloroethane	9.74		"	10.0		97.4	79.6-132		3.03	20.6	
1,1-Dichloroethylene	8.20		"	10.0		82.0	80.2-146		2.88	20	
1,1-Dichloropropylene	9.93		"	10.0		99.3	75-136		4.24	19.3	
1,2,3-Trichlorobenzene	12.3		"	10.0		123	66.1-136		10.0	21.6	
1,2,3-Trichloropropane	10.9		"	10.0		109	63-131		2.90	23.9	
1,2,4-Trichlorobenzene	12.4		"	10.0		124	70.6-136		5.98	21.7	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	75.3-135		1.23	18.8	
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	58.9-140		20.1	27.7	
1,2-Dibromoethane	10.6		"	10.0		106	79-130		1.41	23	
1,2-Dichlorobenzene	10.9		"	10.0		109	76.1-122		4.30	19.8	
1,2-Dichloroethane	10.4		"	10.0		104	74.6-132		1.53	20.2	
1,2-Dichloropropane	9.26		"	10.0		92.6	76.9-129		2.66	20.7	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	70.6-127		0.853	18.9	
1,3-Dichlorobenzene	11.7		"	10.0		117	77-124		5.99	19.2	
1,3-Dichloropropane	9.80		"	10.0		98.0	75.8-126		3.43	22.1	
1,4-Dichlorobenzene	11.2		"	10.0		112	76.6-125		4.31	18.6	
2,2-Dichloropropane	9.70		"	10.0		97.0	69-133		2.14	19.8	
2-Chlorotoluene	10.4		"	10.0		104	66.3-119		0.289	21.6	
2-Hexanone	10.4		"	10.0		104	70-130		9.91	30	
4-Chlorotoluene	10.7		"	10.0		107	69.2-127		1.51	19	
Acetone	7.50		"	10.0		75.0	70-130		1.21	30	
Benzene	10.5		"	10.0		105	76.2-129		2.17	19	
Bromobenzene	10.7		"	10.0		107	71.3-123		2.93	20.3	
Bromochloromethane	9.89		"	10.0		98.9	70.8-137		2.20	23.9	
Bromodichloromethane	10.2		"	10.0		102	79.7-134		2.71	21	
Bromoform	14.4		"	10.0		144	70.5-141	High Bias	11.6	21.8	
Bromomethane	8.24		"	10.0		82.4	43.9-147		5.55	28.4	
Carbon tetrachloride	12.1		"	10.0		121	78.1-138		4.21	20.1	
Chlorobenzene	10.4		"	10.0		104	80.4-125		0.192	19.9	
Chloroethane	8.18		"	10.0		81.8	55.8-140		4.77	23.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30573 - EPA 5030B											
LCS Dup (BF30573-BSD1)								Prepared & Analyzed: 06/12/2013			
Chloroform	10.3		ug/L	10.0		103	76.6-133		5.58	20.3	
Chloromethane	7.94		"	10.0		79.4	48.8-115		3.83	24.5	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	75.1-128		2.05	20.5	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128		0.562	19.9	
Dibromochloromethane	13.0		"	10.0		130	79.8-134		6.33	21.3	
Dibromomethane	9.30		"	10.0		93.0	79-130		3.90	22.4	
Dichlorodifluoromethane	8.48		"	10.0		84.8	47.1-101		2.79	23.9	
Ethyl Benzene	10.5		"	10.0		105	80.8-128		1.42	19.2	
Hexachlorobutadiene	11.8		"	10.0		118	64.8-128		1.71	20.6	
Isopropylbenzene	11.3		"	10.0		113	75.5-135		0.0884	20	
Methyl tert-butyl ether (MTBE)	9.06		"	10.0		90.6	65.1-140		2.18	23.6	
Methylene chloride	6.34		"	10.0		63.4	61.3-120		3.87	20.4	
Naphthalene	13.0		"	10.0		130	62.3-148		9.39	27.1	
n-Butylbenzene	9.88		"	10.0		98.8	67.2-123		1.53	19.1	
n-Propylbenzene	10.7		"	10.0		107	70.5-127		0.468	23.4	
o-Xylene	9.94		"	10.0		99.4	75.9-122		0.201	19.3	
p- & m- Xylenes	21.0		"	20.0		105	77.7-127		1.33	18.6	
p-Isopropyltoluene	11.4		"	10.0		114	75.6-129		0.794	19.1	
sec-Butylbenzene	11.4		"	10.0		114	71.5-125		0.885	18.9	
Styrene	10.4		"	10.0		104	77.8-123		1.34	20.9	
tert-Butylbenzene	11.4		"	10.0		114	75.9-151		1.60	20.9	
Tetrachloroethylene	10.8		"	10.0		108	63.6-167		4.26	27.7	
Toluene	9.81		"	10.0		98.1	77-123		2.42	18.7	
trans-1,2-Dichloroethylene	8.72		"	10.0		87.2	76.3-139		4.04	19.5	
trans-1,3-Dichloropropylene	10.7		"	10.0		107	72.5-137		0.657	19.3	
Trichloroethylene	10.2		"	10.0		102	77.9-130		2.79	20.5	
Trichlorofluoromethane	8.79		"	10.0		87.9	57.4-133		4.56	21.4	
Vinyl Chloride	7.93		"	10.0		79.3	54.9-124		1.75	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.84*		*"*	*10.0*		*98.4*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*63.5-145*				
Surrogate: Toluene-d8	*9.50*		*"*	*10.0*		*95.0*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30578 - EPA 3010A											
Blank (BF30578-BLK1)								Prepared & Analyzed: 06/12/2013			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BF30578-DUP1)	*Source sample: 13F0271-01 (WQ060413:1040NP2-10)							Prepared & Analyzed: 06/12/2013			
Iron - Dissolved	0.0145	0.0200	mg/L		0.0149				2.72	20	
Matrix Spike (BF30578-MS1)	*Source sample: 13F0271-01 (WQ060413:1040NP2-10)							Prepared & Analyzed: 06/12/2013			
Iron - Dissolved	1.09	0.0200	mg/L	1.00	0.0149	108	75-125				
Reference (BF30578-SRM1)								Prepared & Analyzed: 06/12/2013			
Iron - Dissolved	1.39	0.0200	mg/L	1.39		100	88.4-113				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30579 - EPA 3010A											
Blank (BF30579-BLK1)								Prepared & Analyzed: 06/12/2013			
Iron	ND	0.0200	mg/L								
Duplicate (BF30579-DUP1)	*Source sample: 13F0271-01 (WQ060413:1040NP2-10)							Prepared & Analyzed: 06/12/2013			
Iron	12.1	0.0200	mg/L		12.1				0.165	20	
Matrix Spike (BF30579-MS1)	*Source sample: 13F0271-01 (WQ060413:1040NP2-10)							Prepared & Analyzed: 06/12/2013			
Iron	13.7	0.0200	mg/L	1.00	12.1	157	75-125	High Bias			
Reference (BF30579-SRM1)								Prepared & Analyzed: 06/12/2013			
Iron	1.37	0.0200	mg/L	1.39		98.6	88.4-113				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30423 - % Solids Prep											
Blank (BF30423-BLK1)									Prepared: 06/10/2013 Analyzed: 06/11/2013		
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BF30423-DUP1)	*Source sample: 13F0271-01 (WQ060413:1040NP2-10)								Prepared: 06/10/2013 Analyzed: 06/11/2013		
Total Dissolved Solids	162	1.00	mg/L		163				0.615	15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0270-01	WQ060413:1030NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0270-02	WQ060413:1035NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0271-01	WQ060413:1040NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 13F0270

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LBG	Company: Same	Company: Same	Rowe Industries.	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr Suite 301 Shelton, CT 06484	Address:	Address:	Purchase Order No. NABSAG.	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT ___ NY X NJ ___	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) ☒	NY ASP B Package NP2-10 only, pdf.
					NJDEP Red. Deliv.

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

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL+CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Special Petition	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Special Petition	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Index Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ060413:1030NP2-6	6/4/13 1030	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	3V 2P
WQ060413:1035NP2-7	1035	GW	↓	3V 2P
WQ060413:1040NP2-10	1040	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TOS (SM 2540c)	3V 3P

Comments

Preservation
Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	6/6/13 1300	LBG Fridge	6/6/13 1300
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
			6/6/13-1645

Temperature on Receipt 4.2 °C

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
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Field Chain-of-Custody Record

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York Project No. ____

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LBG	Company: Same	Company: Same	Rowe Industries.	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr. Suite 301 Shelton, CT 06484	Address: ↓	Address: ↓	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.	NABSAG.	RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address: ↓	E-Mail Address: ↓	Samples from: CT__ NY X NJ__	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) ☒	NY ASP B Package NP2-10 only, pdf.
					NJDEP Red. Deliv.

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

Samples Collected/Authorized By (Signature): [signature]

STEPHEN HNAT
Name (printed)

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Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
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STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
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Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-[illegible]	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ060413:1030NP2-6	6/4/13 1030	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	3V 2P
WQ060413:1035NP2-7	↓ 1035	GW	↓	3V 2P
WQ060413:1040NP2-10	↓ 1040	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260B) plus freon 113 / TDS (SM 2540C)	3V 3P

Comments

Preservation Check those Applicable: 4°C__ Frozen__ HCl__ MeOH__ HNO3__ H2SO4__ NaOH__ ZnAc__ Ascorbic Acid__ Other__

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	6/6/13 1300	LBG fridge	6/6/13 1300
Samples Relinquished By	Date/Time	Samples Received in LAB by [signature]	6/6/13-1645

6/6 3:30

Temperature on Receipt 4.2 °C

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 06/20/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0495

Report Date: 06/20/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0495

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 14, 2013 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13F0495-01	WQ061213:1800NP2-6	Water	06/12/2013	06/14/2013
13F0495-02	WQ061213:1805NP2-7	Water	06/12/2013	06/14/2013
13F0496-01	WQ061213:1810NP2-10	Water	06/12/2013	06/14/2013

General Notes for York Project (SDG) No.: 13F0495

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

Approved By: 

Date: 06/20/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ061213:1800NP2-6 **York Sample ID:** 13F0495-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0495	Rowe Industries	Water	June 12, 2013 6:00 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
71-55-6	1,1,1-Trichloroethane	**0.95**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
75-34-3	1,1-Dichloroethane	**0.30**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
67-64-1	Acetone	**1.4**	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
75-25-2	Bromoform	**0.35**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS

Sample Information

Client Sample ID: WQ061213:1800NP2-6 **York Sample ID:** 13F0495-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0495	Rowe Industries	Water	June 12, 2013 6:00 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
156-59-2	cis-1,2-Dichloroethylene	**1.9**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
124-48-1	Dibromochloromethane	**0.25**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
75-09-2	Methylene chloride	**2.0**		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
127-18-4	Tetrachloroethylene	**4.5**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
79-01-6	Trichloroethylene	**0.68**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 15:37	SS

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: WQ061213:1800NP2-6 **York Sample ID:** 13F0495-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0495	Rowe Industries	Water	June 12, 2013 6:00 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*			*72.6-129*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*124 %*			*63.5-145*						
2037-26-5	*Surrogate: Toluene-d8*	*91.5 %*			*81.2-127*						

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0233**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	06/17/2013 12:41	06/17/2013 17:26	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**4.06**		mg/L	0.0100	0.0200	1	EPA 200.7	06/17/2013 12:46	06/17/2013 19:00	MW

Sample Information

Client Sample ID: WQ061213:1805NP2-7 **York Sample ID:** 13F0495-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0495	Rowe Industries	Water	June 12, 2013 6:05 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS

Sample Information

Client Sample ID: WQ061213:1805NP2-7 **York Sample ID:** 13F0495-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0495	Rowe Industries	Water	June 12, 2013 6:05 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
67-64-1	Acetone	**2.5**	B	ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS

Sample Information

Client Sample ID: WQ061213:1805NP2-7 **York Sample ID:** 13F0495-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0495	Rowe Industries	Water	June 12, 2013 6:05 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
75-09-2	Methylene chloride	**2.1**		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:17	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*125 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*93.3 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0475**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	06/17/2013 12:41	06/17/2013 17:31	MW

Sample Information

Client Sample ID: WQ061213:1805NP2-7 **York Sample ID:** 13F0495-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0495	Rowe Industries	Water	June 12, 2013 6:05 pm	06/14/2013

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**2.49**		mg/L	0.0100	0.0200	1	EPA 200.7	06/17/2013 12:46	06/17/2013 19:05	MW

Sample Information

Client Sample ID: WQ061213:1810NP2-10 **York Sample ID:** 13F0496-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0496	Rowe Industries	Water	June 12, 2013 6:10 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS

Sample Information

Client Sample ID: WQ061213:1810NP2-10 **York Sample ID:** 13F0496-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0496	Rowe Industries	Water	June 12, 2013 6:10 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
67-64-1	Acetone	**15**	B	ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
75-09-2	Methylene chloride	**1.7**	J	ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS

Sample Information

Client Sample ID: WQ061213:1810NP2-10 **York Sample ID:** 13F0496-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0496	Rowe Industries	Water	June 12, 2013 6:10 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 16:59	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*125 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*93.3 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0749**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	06/17/2013 12:41	06/17/2013 17:36	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**8.95**		mg/L	0.0100	0.0200	1	EPA 200.7	06/17/2013 12:46	06/17/2013 19:22	MW

Total Dissolved Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**105**		mg/L	1.00	1.00	1	SM 2540C	06/19/2013 13:39	06/19/2013 13:39	ALD

Analytical Batch Summary

Batch ID: BF30755 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0495-01	WQ061213:1800NP2-6	06/17/13
13F0495-02	WQ061213:1805NP2-7	06/17/13
13F0496-01	WQ061213:1810NP2-10	06/17/13
BF30755-BLK1	Blank	06/17/13
BF30755-DUP1	Duplicate	06/17/13
BF30755-MS1	Matrix Spike	06/17/13
BF30755-SRM1	Reference	06/17/13

Batch ID: BF30756 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0495-01	WQ061213:1800NP2-6	06/17/13
13F0495-02	WQ061213:1805NP2-7	06/17/13
13F0496-01	WQ061213:1810NP2-10	06/17/13
BF30756-BLK1	Blank	06/17/13
BF30756-DUP1	Duplicate	06/17/13
BF30756-MS1	Matrix Spike	06/17/13
BF30756-SRM1	Reference	06/17/13

Batch ID: BF30798 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13F0495-01	WQ061213:1800NP2-6	06/18/13
13F0495-02	WQ061213:1805NP2-7	06/18/13
13F0496-01	WQ061213:1810NP2-10	06/18/13
BF30798-BLK1	Blank	06/18/13
BF30798-BS1	LCS	06/18/13
BF30798-BSD1	LCS Dup	06/18/13

Batch ID: BF30881 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
13F0496-01	WQ061213:1810NP2-10	06/19/13
BF30881-BLK1	Blank	06/19/13

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30798 - EPA 5030B											
Blank (BF30798-BLK1)											
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	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
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	1.9	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	"								
o-Xylene	ND	0.50	"								

Prepared & Analyzed: 06/18/2013

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30798 - EPA 5030B											
Blank (BF30798-BLK1)								Prepared & Analyzed: 06/18/2013			
p- & m- Xylenes	ND	1.0	ug/L								
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	"								
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*12.8*		*"*	*10.0*		*128*	*63.5-145*				
Surrogate: Toluene-d8	*9.33*		*"*	*10.0*		*93.3*	*81.2-127*				
LCS (BF30798-BS1)								Prepared & Analyzed: 06/18/2013			
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130				
1,1,1-Trichloroethane	12.1		"	10.0		121	75.6-137				
1,1,2,2-Tetrachloroethane	9.18		"	10.0		91.8	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.16		"	10.0		91.6	71.1-129				
1,1,2-Trichloroethane	8.72		"	10.0		87.2	74.5-129				
1,1-Dichloroethane	9.66		"	10.0		96.6	79.6-132				
1,1-Dichloroethylene	8.53		"	10.0		85.3	80.2-146				
1,1-Dichloropropylene	10.3		"	10.0		103	75-136				
1,2,3-Trichlorobenzene	9.95		"	10.0		99.5	66.1-136				
1,2,3-Trichloropropane	9.36		"	10.0		93.6	63-131				
1,2,4-Trichlorobenzene	10.3		"	10.0		103	70.6-136				
1,2,4-Trimethylbenzene	10.2		"	10.0		102	75.3-135				
1,2-Dibromo-3-chloropropane	12.2		"	10.0		122	58.9-140				
1,2-Dibromoethane	10.2		"	10.0		102	79-130				
1,2-Dichlorobenzene	9.99		"	10.0		99.9	76.1-122				
1,2-Dichloroethane	10.3		"	10.0		103	74.6-132				
1,2-Dichloropropane	9.06		"	10.0		90.6	76.9-129				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	70.6-127				
1,3-Dichlorobenzene	10.8		"	10.0		108	77-124				
1,3-Dichloropropane	9.09		"	10.0		90.9	75.8-126				
1,4-Dichlorobenzene	10.2		"	10.0		102	76.6-125				
2,2-Dichloropropane	12.3		"	10.0		123	69-133				
2-Chlorotoluene	9.86		"	10.0		98.6	66.3-119				
2-Hexanone	7.88		"	10.0		78.8	70-130				
4-Chlorotoluene	9.95		"	10.0		99.5	69.2-127				
Acetone	6.92		"	10.0		69.2	70-130	Low Bias			
Benzene	10.6		"	10.0		106	76.2-129				
Bromobenzene	9.74		"	10.0		97.4	71.3-123				
Bromochloromethane	10.2		"	10.0		102	70.8-137				
Bromodichloromethane	10.1		"	10.0		101	79.7-134				
Bromoform	12.8		"	10.0		128	70.5-141				
Bromomethane	8.20		"	10.0		82.0	43.9-147				
Carbon tetrachloride	13.0		"	10.0		130	78.1-138				
Chlorobenzene	9.87		"	10.0		98.7	80.4-125				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30798 - EPA 5030B											
LCS (BF30798-BS1)								Prepared & Analyzed: 06/18/2013			
Chloroethane	8.92		ug/L	10.0		89.2	55.8-140				
Chloroform	10.9		"	10.0		109	76.6-133				
Chloromethane	8.58		"	10.0		85.8	48.8-115				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	75.1-128				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128				
Dibromochloromethane	12.0		"	10.0		120	79.8-134				
Dibromomethane	9.10		"	10.0		91.0	79-130				
Dichlorodifluoromethane	11.2		"	10.0		112	47.1-101	High Bias			
Ethyl Benzene	10.2		"	10.0		102	80.8-128				
Hexachlorobutadiene	11.9		"	10.0		119	64.8-128				
Isopropylbenzene	10.8		"	10.0		108	75.5-135				
Methyl tert-butyl ether (MTBE)	8.89		"	10.0		88.9	65.1-140				
Methylene chloride	6.51		"	10.0		65.1	61.3-120				
Naphthalene	9.00		"	10.0		90.0	62.3-148				
n-Butylbenzene	9.09		"	10.0		90.9	67.2-123				
n-Propylbenzene	10.2		"	10.0		102	70.5-127				
o-Xylene	9.54		"	10.0		95.4	75.9-122				
p- & m- Xylenes	20.3		"	20.0		101	77.7-127				
p-Isopropyltoluene	10.9		"	10.0		109	75.6-129				
sec-Butylbenzene	10.6		"	10.0		106	71.5-125				
Styrene	9.99		"	10.0		99.9	77.8-123				
tert-Butylbenzene	10.9		"	10.0		109	75.9-151				
Tetrachloroethylene	11.0		"	10.0		110	63.6-167				
Toluene	9.59		"	10.0		95.9	77-123				
trans-1,2-Dichloroethylene	8.96		"	10.0		89.6	76.3-139				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137				
Trichloroethylene	10.1		"	10.0		101	77.9-130				
Trichlorofluoromethane	9.60		"	10.0		96.0	57.4-133				
Vinyl Chloride	8.83		"	10.0		88.3	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.96*		*"*	*10.0*		*99.6*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.7*		*"*	*10.0*		*117*	*63.5-145*				
Surrogate: Toluene-d8	*9.59*		*"*	*10.0*		*95.9*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30798 - EPA 5030B											
LCS Dup (BF30798-BSD1)							Prepared & Analyzed: 06/18/2013				
1,1,1,2-Tetrachloroethane	11.4		ug/L	10.0		114	82.3-130		4.12	21.1	
1,1,1-Trichloroethane	12.5		"	10.0		125	75.6-137		3.33	19.7	
1,1,2,2-Tetrachloroethane	9.85		"	10.0		98.5	71.3-131		7.04	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.71		"	10.0		97.1	71.1-129		5.83	21.7	
1,1,2-Trichloroethane	9.21		"	10.0		92.1	74.5-129		5.47	20.3	
1,1-Dichloroethane	9.21		"	10.0		92.1	79.6-132		4.77	20.6	
1,1-Dichloroethylene	8.79		"	10.0		87.9	80.2-146		3.00	20	
1,1-Dichloropropylene	10.4		"	10.0		104	75-136		0.483	19.3	
1,2,3-Trichlorobenzene	11.9		"	10.0		119	66.1-136		17.5	21.6	
1,2,3-Trichloropropane	10.4		"	10.0		104	63-131		10.6	23.9	
1,2,4-Trichlorobenzene	11.5		"	10.0		115	70.6-136		11.2	21.7	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	75.3-135		4.13	18.8	
1,2-Dibromo-3-chloropropane	9.74		"	10.0		97.4	58.9-140		22.1	27.7	
1,2-Dibromoethane	10.4		"	10.0		104	79-130		2.43	23	
1,2-Dichlorobenzene	10.7		"	10.0		107	76.1-122		7.05	19.8	
1,2-Dichloroethane	10.1		"	10.0		101	74.6-132		2.75	20.2	
1,2-Dichloropropane	9.24		"	10.0		92.4	76.9-129		1.97	20.7	
1,3,5-Trimethylbenzene	10.7		"	10.0		107	70.6-127		3.43	18.9	
1,3-Dichlorobenzene	11.3		"	10.0		113	77-124		5.08	19.2	
1,3-Dichloropropane	9.15		"	10.0		91.5	75.8-126		0.658	22.1	
1,4-Dichlorobenzene	11.0		"	10.0		110	76.6-125		7.67	18.6	
2,2-Dichloropropane	12.2		"	10.0		122	69-133		0.899	19.8	
2-Chlorotoluene	10.3		"	10.0		103	66.3-119		4.56	21.6	
2-Hexanone	8.55		"	10.0		85.5	70-130		8.16	30	
4-Chlorotoluene	10.5		"	10.0		105	69.2-127		5.28	19	
Acetone	7.01		"	10.0		70.1	70-130		1.29	30	
Benzene	10.7		"	10.0		107	76.2-129		0.564	19	
Bromobenzene	10.2		"	10.0		102	71.3-123		4.12	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		1.28	23.9	
Bromodichloromethane	10.2		"	10.0		102	79.7-134		0.982	21	
Bromoform	14.1		"	10.0		141	70.5-141		9.23	21.8	
Bromomethane	8.87		"	10.0		88.7	43.9-147		7.85	28.4	
Carbon tetrachloride	13.3		"	10.0		133	78.1-138		1.97	20.1	
Chlorobenzene	10.0		"	10.0		100	80.4-125		1.71	19.9	
Chloroethane	9.21		"	10.0		92.1	55.8-140		3.20	23.3	
Chloroform	10.8		"	10.0		108	76.6-133		0.552	20.3	
Chloromethane	9.17		"	10.0		91.7	48.8-115		6.65	24.5	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	75.1-128		1.33	20.5	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128		1.81	19.9	
Dibromochloromethane	11.9		"	10.0		119	79.8-134		0.586	21.3	
Dibromomethane	8.99		"	10.0		89.9	79-130		1.22	22.4	
Dichlorodifluoromethane	11.7		"	10.0		117	47.1-101	High Bias	4.29	23.9	
Ethyl Benzene	10.4		"	10.0		104	80.8-128		2.14	19.2	
Hexachlorobutadiene	13.2		"	10.0		132	64.8-128	High Bias	10.7	20.6	
Isopropylbenzene	11.2		"	10.0		112	75.5-135		3.36	20	
Methyl tert-butyl ether (MTBE)	8.28		"	10.0		82.8	65.1-140		7.11	23.6	
Methylene chloride	6.59		"	10.0		65.9	61.3-120		1.22	20.4	
Naphthalene	11.1		"	10.0		111	62.3-148		20.5	27.1	
n-Butylbenzene	9.75		"	10.0		97.5	67.2-123		7.01	19.1	
n-Propylbenzene	10.6		"	10.0		106	70.5-127		3.45	23.4	
o-Xylene	9.73		"	10.0		97.3	75.9-122		1.97	19.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30798 - EPA 5030B											
LCS Dup (BF30798-BSD1)								Prepared & Analyzed: 06/18/2013			
p- & m- Xylenes	20.6		ug/L	20.0		103	77.7-127		1.71	18.6	
p-Isopropyltoluene	11.4		"	10.0		114	75.6-129		4.94	19.1	
sec-Butylbenzene	11.2		"	10.0		112	71.5-125		5.31	18.9	
Styrene	10.4		"	10.0		104	77.8-123		4.50	20.9	
tert-Butylbenzene	11.4		"	10.0		114	75.9-151		4.50	20.9	
Tetrachloroethylene	11.3		"	10.0		113	63.6-167		2.42	27.7	
Toluene	9.74		"	10.0		97.4	77-123		1.55	18.7	
trans-1,2-Dichloroethylene	8.29		"	10.0		82.9	76.3-139		7.77	19.5	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	72.5-137		1.76	19.3	
Trichloroethylene	10.4		"	10.0		104	77.9-130		2.74	20.5	
Trichlorofluoromethane	10.2		"	10.0		102	57.4-133		6.45	21.4	
Vinyl Chloride	9.36		"	10.0		93.6	54.9-124		5.83	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.52*		*"*	*10.0*		*95.2*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.8*		*"*	*10.0*		*118*	*63.5-145*				
Surrogate: Toluene-d8	*9.30*		*"*	*10.0*		*93.0*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30755 - EPA 3010A											
Blank (BF30755-BLK1)								Prepared & Analyzed: 06/17/2013			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BF30755-DUP1)	*Source sample: 13F0496-01 (WQ061213:1810NP2-10)							Prepared & Analyzed: 06/17/2013			
Iron - Dissolved	0.103	0.0200	mg/L		0.0749				31.3	20	Non-dir.
Matrix Spike (BF30755-MS1)	*Source sample: 13F0496-01 (WQ061213:1810NP2-10)							Prepared & Analyzed: 06/17/2013			
Iron - Dissolved	1.14	0.0200	mg/L	1.00	0.0749	106	75-125				
Reference (BF30755-SRM1)								Prepared & Analyzed: 06/17/2013			
Iron - Dissolved	1.39	0.0200	mg/L	1.39		100	88.4-113				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30756 - EPA 3010A											
Blank (BF30756-BLK1)								Prepared & Analyzed: 06/17/2013			
Iron	ND	0.0200	mg/L								
Duplicate (BF30756-DUP1)	*Source sample: 13F0496-01 (WQ061213:1810NP2-10)							Prepared & Analyzed: 06/17/2013			
Iron	9.04	0.0200	mg/L		8.95				0.996	20	
Matrix Spike (BF30756-MS1)	*Source sample: 13F0496-01 (WQ061213:1810NP2-10)							Prepared & Analyzed: 06/17/2013			
Iron	9.96	0.0200	mg/L	1.00	8.95	101	75-125				
Reference (BF30756-SRM1)								Prepared & Analyzed: 06/17/2013			
Iron	1.36	0.0200	mg/L	1.39		97.9	88.4-113				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30881 - % Solids Prep											
Blank (BF30881-BLK1)											Prepared & Analyzed: 06/19/2013
Total Dissolved Solids	ND	1.00	mg/L								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0495-01	WQ061213:1800NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0495-02	WQ061213:1805NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0496-01	WQ061213:1810NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 13F0495

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LBG	Company: Same	Company: Same	Rowe Industries.	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dg Suite 301 Shelton, CT 06484	Address:	Address:	Purchase Order No. HABSA6.	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: Tonde Sandor	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT ___ NY X NJ ___	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) X	NY ASP B Package NP2-10 only, pdf.
					NJDEP Red. Deliv.
					Electronic Data Deliverables (EDD)
					Simple Excel X
					NYSDEC EQuIS
					EQuIS (std)
					EZ-EDD (EQuIS)
					NJDEP SRP HazSite EDD
					GIS/KEY (std)
					Other
					York Regulatory Comparison
					Excel Spreadsheet
					Compare to the following Regs. (please fill in):

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)

STEPHEN HNAT
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Metals	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Special	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Halogn	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ061213:1800NP2-6	6/12/13 1800	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	3v 2p
WQ061213:1805NP2-7	1805	GW	↓	3v 2p
WQ061213:1810NP2-10	1810	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TOS (SM 2540 c)	3v 3p

Comments

Preservation
Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	6/14/13 1530	[signature]	6-14-13 1530
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		[signature]	6/14/13-1600

Temperature on Receipt 4.1 °C

YORK
ANALYTICAL LABORATORIES, INC.

120 Research Dr. Stratford, CT 06615
(203) 325-1371 Fax (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 13F0496

YOUR Information
Company: LBG
Address: 4 Research Dr, Suite 301 Shelton, CT 06484
Phone No. 203-929-8555
Contact Person. Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
HABSA6.

Samples from: CT ___ NY X NJ ___

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

Report Type
Summary Report X, pdf
Summary w/ QA Summary X, pdf
CT RCP Package
CTRCP DQA/DUE Pkg
NY ASP A Package
NY ASP B Package NP2-10 only, pdf.
NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

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)

STEPHEN HNAT
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Inrlav Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ061213:1800NP2-6	6/12/13 1800	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	3v 2p
WQ061213:1805NP2-7	1805	GW	↓	3v 2p
WQ061213:1810NP2-10	1810	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TDS (SM 2540c)	3v 3p

Comments

Preservation
Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By — Date/Time: 6/14/13 1530
Samples Received By — Date/Time: 6-14-13 1530
Samples Relinquished By — Date/Time:
Samples Received in LAB by — Date/Time: 6/14/13-1600

Temperature on Receipt: 4.1 °C

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 06/21/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0575

Report Date: 06/21/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0575

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 18, 2013 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13F0575-01	WQ061713:1210NP2-6	Water	06/17/2013	06/18/2013
13F0575-02	WQ061713:1215NP2-7	Water	06/17/2013	06/18/2013
13F0578-01	WQ061713:1220NP2-10	Water	06/17/2013	06/18/2013

General Notes for York Project (SDG) No.: 13F0575

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

Approved By: 

Date: 06/21/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ061713:1210NP2-6 **York Sample ID:** 13F0575-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0575	Rowe Industries	Water	June 17, 2013 12:10 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
71-55-6	1,1,1-Trichloroethane	**0.99**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
75-34-3	1,1-Dichloroethane	**0.25**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS

Sample Information

Client Sample ID: WQ061713:1210NP2-6 **York Sample ID:** 13F0575-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0575	Rowe Industries	Water	June 17, 2013 12:10 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
156-59-2	cis-1,2-Dichloroethylene	**0.87**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
127-18-4	Tetrachloroethylene	**7.0**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
79-01-6	Trichloroethylene	**0.35**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 07:30	SS

Sample Information

Client Sample ID: WQ061713:1210NP2-6 **York Sample ID:** 13F0575-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0575	Rowe Industries	Water	June 17, 2013 12:10 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*		*72.6-129*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*123 %*		*63.5-145*							
2037-26-5	*Surrogate: Toluene-d8*	*92.7 %*		*81.2-127*							

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	06/19/2013 15:09	06/19/2013 17:22	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**2.55**		mg/L	0.0100	0.0200	1	EPA 200.7	06/19/2013 15:10	06/19/2013 18:16	MW

Sample Information

Client Sample ID: WQ061713:1215NP2-7 **York Sample ID:** 13F0575-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0575	Rowe Industries	Water	June 17, 2013 12:15 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS

Sample Information

Client Sample ID: WQ061713:1215NP2-7 **York Sample ID:** 13F0575-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0575	Rowe Industries	Water	June 17, 2013 12:15 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS

Sample Information

Client Sample ID: WQ061713:1215NP2-7 **York Sample ID:** 13F0575-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0575	Rowe Industries	Water	June 17, 2013 12:15 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 08:11	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*121 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*93.4 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.102**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	06/19/2013 15:09	06/19/2013 17:27	MW

Sample Information

Client Sample ID: WQ061713:1215NP2-7 **York Sample ID:** 13F0575-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0575	Rowe Industries	Water	June 17, 2013 12:15 pm	06/18/2013

Iron by EPA 200.7 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.917**		mg/L	0.0100	0.0200	1	EPA 200.7	06/19/2013 15:10	06/19/2013 18:21	MW

Sample Information

Client Sample ID: WQ061713:1220NP2-10 **York Sample ID:** 13F0578-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0578	Rowe Industries	Water	June 17, 2013 12:20 pm	06/18/2013

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS

Sample Information

Client Sample ID: WQ061713:1220NP2-10 **York Sample ID:** 13F0578-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0578	Rowe Industries	Water	June 17, 2013 12:20 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS

Sample Information

Client Sample ID: WQ061713:1220NP2-10 **York Sample ID:** 13F0578-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0578	Rowe Industries	Water	June 17, 2013 12:20 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 18:40	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*124 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*93.8 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0878**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	06/19/2013 15:09	06/19/2013 17:32	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**1.01**		mg/L	0.0100	0.0200	1	EPA 200.7	06/19/2013 15:10	06/19/2013 18:26	MW

Total Dissolved Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**119**		mg/L	1.00	1.00	1	SM 2540C	06/19/2013 13:39	06/19/2013 13:39	ALD

Analytical Batch Summary

Batch ID: BF30881 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
13F0578-01	WQ061713:1220NP2-10	06/19/13
BF30881-BLK1	Blank	06/19/13
BF30881-DUP1	Duplicate	06/19/13

Batch ID: BF30889 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13F0575-01	WQ061713:1210NP2-6	06/19/13
13F0575-02	WQ061713:1215NP2-7	06/19/13
BF30889-BLK1	Blank	06/19/13
BF30889-BS1	LCS	06/19/13
BF30889-BSD1	LCS Dup	06/19/13

Batch ID: BF30891 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0575-01	WQ061713:1210NP2-6	06/19/13
13F0575-02	WQ061713:1215NP2-7	06/19/13
13F0578-01	WQ061713:1220NP2-10	06/19/13
BF30891-BLK1	Blank	06/19/13
BF30891-DUP1	Duplicate	06/19/13
BF30891-MS1	Matrix Spike	06/19/13
BF30891-SRM1	Reference	06/19/13

Batch ID: BF30892 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0575-01	WQ061713:1210NP2-6	06/19/13
13F0575-02	WQ061713:1215NP2-7	06/19/13
13F0578-01	WQ061713:1220NP2-10	06/19/13
BF30892-BLK1	Blank	06/19/13
BF30892-DUP1	Duplicate	06/19/13
BF30892-MS1	Matrix Spike	06/19/13
BF30892-SRM1	Reference	06/19/13

Batch ID: BF30918 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13F0578-01	WQ061713:1220NP2-10	06/20/13
BF30918-BLK1	Blank	06/20/13
BF30918-BS1	LCS	06/20/13
BF30918-BSD1	LCS Dup	06/20/13

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30889 - EPA 5030B											
Blank (BF30889-BLK1)											
Prepared: 06/19/2013 Analyzed: 06/20/2013											
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	0.23	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
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	1.1	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	"								
o-Xylene	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30889 - EPA 5030B											
Blank (BF30889-BLK1)								Prepared: 06/19/2013 Analyzed: 06/20/2013			
p- & m- Xylenes	ND	1.0	ug/L								
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	"								
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*12.2*		*"*	*10.0*		*122*	*63.5-145*				
Surrogate: Toluene-d8	*9.47*		*"*	*10.0*		*94.7*	*81.2-127*				
LCS (BF30889-BS1)								Prepared & Analyzed: 06/19/2013			
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130				
1,1,1-Trichloroethane	11.8		"	10.0		118	75.6-137				
1,1,2,2-Tetrachloroethane	9.21		"	10.0		92.1	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.94		"	10.0		89.4	71.1-129				
1,1,2-Trichloroethane	8.54		"	10.0		85.4	74.5-129				
1,1-Dichloroethane	8.93		"	10.0		89.3	79.6-132				
1,1-Dichloroethylene	8.27		"	10.0		82.7	80.2-146				
1,1-Dichloropropylene	10.1		"	10.0		101	75-136				
1,2,3-Trichlorobenzene	11.0		"	10.0		110	66.1-136				
1,2,3-Trichloropropane	9.53		"	10.0		95.3	63-131				
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136				
1,2,4-Trimethylbenzene	9.32		"	10.0		93.2	75.3-135				
1,2-Dibromo-3-chloropropane	8.91		"	10.0		89.1	58.9-140				
1,2-Dibromoethane	9.84		"	10.0		98.4	79-130				
1,2-Dichlorobenzene	9.80		"	10.0		98.0	76.1-122				
1,2-Dichloroethane	9.85		"	10.0		98.5	74.6-132				
1,2-Dichloropropane	8.95		"	10.0		89.5	76.9-129				
1,3,5-Trimethylbenzene	9.16		"	10.0		91.6	70.6-127				
1,3-Dichlorobenzene	10.3		"	10.0		103	77-124				
1,3-Dichloropropane	8.97		"	10.0		89.7	75.8-126				
1,4-Dichlorobenzene	10.0		"	10.0		100	76.6-125				
2,2-Dichloropropane	10.1		"	10.0		101	69-133				
2-Chlorotoluene	9.42		"	10.0		94.2	66.3-119				
2-Hexanone	9.05		"	10.0		90.5	70-130				
4-Chlorotoluene	9.10		"	10.0		91.0	69.2-127				
Acetone	6.94		"	10.0		69.4	70-130	Low Bias			
Benzene	10.6		"	10.0		106	76.2-129				
Bromobenzene	9.61		"	10.0		96.1	71.3-123				
Bromochloromethane	9.71		"	10.0		97.1	70.8-137				
Bromodichloromethane	10.0		"	10.0		100	79.7-134				
Bromoform	12.6		"	10.0		126	70.5-141				
Bromomethane	8.27		"	10.0		82.7	43.9-147				
Carbon tetrachloride	12.5		"	10.0		125	78.1-138				
Chlorobenzene	9.71		"	10.0		97.1	80.4-125				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30889 - EPA 5030B											
LCS (BF30889-BS1)								Prepared & Analyzed: 06/19/2013			
Chloroethane	8.87		ug/L	10.0		88.7	55.8-140				
Chloroform	10.5		"	10.0		105	76.6-133				
Chloromethane	9.44		"	10.0		94.4	48.8-115				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	74.5-128				
Dibromochloromethane	11.7		"	10.0		117	79.8-134				
Dibromomethane	8.91		"	10.0		89.1	79-130				
Dichlorodifluoromethane	12.5		"	10.0		125	47.1-101	High Bias			
Ethyl Benzene	9.80		"	10.0		98.0	80.8-128				
Hexachlorobutadiene	12.3		"	10.0		123	64.8-128				
Isopropylbenzene	10.3		"	10.0		103	75.5-135				
Methyl tert-butyl ether (MTBE)	8.70		"	10.0		87.0	65.1-140				
Methylene chloride	6.24		"	10.0		62.4	61.3-120				
Naphthalene	10.6		"	10.0		106	62.3-148				
n-Butylbenzene	9.00		"	10.0		90.0	67.2-123				
n-Propylbenzene	9.67		"	10.0		96.7	70.5-127				
o-Xylene	9.20		"	10.0		92.0	75.9-122				
p- & m- Xylenes	19.5		"	20.0		97.3	77.7-127				
p-Isopropyltoluene	10.5		"	10.0		105	75.6-129				
sec-Butylbenzene	9.69		"	10.0		96.9	71.5-125				
Styrene	9.79		"	10.0		97.9	77.8-123				
tert-Butylbenzene	10.1		"	10.0		101	75.9-151				
Tetrachloroethylene	10.7		"	10.0		107	63.6-167				
Toluene	9.47		"	10.0		94.7	77-123				
trans-1,2-Dichloroethylene	8.10		"	10.0		81.0	76.3-139				
trans-1,3-Dichloropropylene	9.96		"	10.0		99.6	72.5-137				
Trichloroethylene	10.0		"	10.0		100	77.9-130				
Trichlorofluoromethane	9.96		"	10.0		99.6	57.4-133				
Vinyl Chloride	9.13		"	10.0		91.3	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.90*		*"*	*10.0*		*99.0*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.4*		*"*	*10.0*		*114*	*63.5-145*				
Surrogate: Toluene-d8	*9.40*		*"*	*10.0*		*94.0*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30889 - EPA 5030B											
LCS Dup (BF30889-BSD1)							Prepared & Analyzed: 06/19/2013				
1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0		112	82.3-130		2.44	21.1	
1,1,1-Trichloroethane	11.6		"	10.0		116	75.6-137		2.14	19.7	
1,1,2,2-Tetrachloroethane	9.44		"	10.0		94.4	71.3-131		2.47	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.03		"	10.0		90.3	71.1-129		1.00	21.7	
1,1,2-Trichloroethane	9.19		"	10.0		91.9	74.5-129		7.33	20.3	
1,1-Dichloroethane	8.79		"	10.0		87.9	79.6-132		1.58	20.6	
1,1-Dichloroethylene	8.10		"	10.0		81.0	80.2-146		2.08	20	
1,1-Dichloropropylene	9.82		"	10.0		98.2	75-136		2.71	19.3	
1,2,3-Trichlorobenzene	11.1		"	10.0		111	66.1-136		0.811	21.6	
1,2,3-Trichloropropane	9.71		"	10.0		97.1	63-131		1.87	23.9	
1,2,4-Trichlorobenzene	10.9		"	10.0		109	70.6-136		0.832	21.7	
1,2,4-Trimethylbenzene	9.32		"	10.0		93.2	75.3-135		0.00	18.8	
1,2-Dibromo-3-chloropropane	13.0		"	10.0		130	58.9-140		37.6	27.7	Non-dir.
1,2-Dibromoethane	10.8		"	10.0		108	79-130		9.39	23	
1,2-Dichlorobenzene	9.65		"	10.0		96.5	76.1-122		1.54	19.8	
1,2-Dichloroethane	10.1		"	10.0		101	74.6-132		2.70	20.2	
1,2-Dichloropropane	9.11		"	10.0		91.1	76.9-129		1.77	20.7	
1,3,5-Trimethylbenzene	9.22		"	10.0		92.2	70.6-127		0.653	18.9	
1,3-Dichlorobenzene	10.0		"	10.0		100	77-124		2.65	19.2	
1,3-Dichloropropane	9.53		"	10.0		95.3	75.8-126		6.05	22.1	
1,4-Dichlorobenzene	9.89		"	10.0		98.9	76.6-125		1.21	18.6	
2,2-Dichloropropane	9.66		"	10.0		96.6	69-133		4.55	19.8	
2-Chlorotoluene	8.99		"	10.0		89.9	66.3-119		4.67	21.6	
2-Hexanone	9.98		"	10.0		99.8	70-130		9.77	30	
4-Chlorotoluene	9.14		"	10.0		91.4	69.2-127		0.439	19	
Acetone	7.13		"	10.0		71.3	70-130		2.70	30	
Benzene	10.4		"	10.0		104	76.2-129		1.53	19	
Bromobenzene	9.22		"	10.0		92.2	71.3-123		4.14	20.3	
Bromochloromethane	9.87		"	10.0		98.7	70.8-137		1.63	23.9	
Bromodichloromethane	10.1		"	10.0		101	79.7-134		0.794	21	
Bromoform	13.3		"	10.0		133	70.5-141		5.63	21.8	
Bromomethane	8.38		"	10.0		83.8	43.9-147		1.32	28.4	
Carbon tetrachloride	12.4		"	10.0		124	78.1-138		0.884	20.1	
Chlorobenzene	9.63		"	10.0		96.3	80.4-125		0.827	19.9	
Chloroethane	8.84		"	10.0		88.4	55.8-140		0.339	23.3	
Chloroform	10.6		"	10.0		106	76.6-133		1.05	20.3	
Chloromethane	9.04		"	10.0		90.4	48.8-115		4.33	24.5	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128		2.16	20.5	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128		0.772	19.9	
Dibromochloromethane	12.3		"	10.0		123	79.8-134		4.93	21.3	
Dibromomethane	9.30		"	10.0		93.0	79-130		4.28	22.4	
Dichlorodifluoromethane	12.1		"	10.0		121	47.1-101	High Bias	3.17	23.9	
Ethyl Benzene	9.82		"	10.0		98.2	80.8-128		0.204	19.2	
Hexachlorobutadiene	11.2		"	10.0		112	64.8-128		8.92	20.6	
Isopropylbenzene	9.74		"	10.0		97.4	75.5-135		5.49	20	
Methyl tert-butyl ether (MTBE)	9.42		"	10.0		94.2	65.1-140		7.95	23.6	
Methylene chloride	6.31		"	10.0		63.1	61.3-120		1.12	20.4	
Naphthalene	10.9		"	10.0		109	62.3-148		3.07	27.1	
n-Butylbenzene	8.56		"	10.0		85.6	67.2-123		5.01	19.1	
n-Propylbenzene	9.19		"	10.0		91.9	70.5-127		5.09	23.4	
o-Xylene	9.20		"	10.0		92.0	75.9-122		0.00	19.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30889 - EPA 5030B											
LCS Dup (BF30889-BSD1)								Prepared & Analyzed: 06/19/2013			
p- & m- Xylenes	19.3		ug/L	20.0		96.6	77.7-127		0.722	18.6	
p-Isopropyltoluene	9.93		"	10.0		99.3	75.6-129		5.20	19.1	
sec-Butylbenzene	9.67		"	10.0		96.7	71.5-125		0.207	18.9	
Styrene	9.90		"	10.0		99.0	77.8-123		1.12	20.9	
tert-Butylbenzene	10.1		"	10.0		101	75.9-151		0.495	20.9	
Tetrachloroethylene	10.6		"	10.0		106	63.6-167		0.936	27.7	
Toluene	9.24		"	10.0		92.4	77-123		2.46	18.7	
trans-1,2-Dichloroethylene	7.87		"	10.0		78.7	76.3-139		2.88	19.5	
trans-1,3-Dichloropropylene	10.5		"	10.0		105	72.5-137		5.18	19.3	
Trichloroethylene	9.92		"	10.0		99.2	77.9-130		1.30	20.5	
Trichlorofluoromethane	9.55		"	10.0		95.5	57.4-133		4.20	21.4	
Vinyl Chloride	8.76		"	10.0		87.6	54.9-124		4.14	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*63.5-145*				
Surrogate: Toluene-d8	*9.41*		*"*	*10.0*		*94.1*	*81.2-127*				
Batch BF30918 - EPA 5030B											
Blank (BF30918-BLK1)								Prepared & Analyzed: 06/20/2013			
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	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
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	"								
Carbon tetrachloride	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30918 - EPA 5030B											
Blank (BF30918-BLK1)											
Prepared & Analyzed: 06/20/2013											
Chlorobenzene	ND	0.50	ug/L								
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	"								
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*12.4*		*"*	*10.0*		*124*	*63.5-145*				
Surrogate: Toluene-d8	*9.32*		*"*	*10.0*		*93.2*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30918 - EPA 5030B											
LCS (BF30918-BS1)								Prepared & Analyzed: 06/20/2013			
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130				
1,1,1-Trichloroethane	11.3		"	10.0		113	75.6-137				
1,1,2,2-Tetrachloroethane	9.36		"	10.0		93.6	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.35		"	10.0		83.5	71.1-129				
1,1,2-Trichloroethane	9.38		"	10.0		93.8	74.5-129				
1,1-Dichloroethane	9.24		"	10.0		92.4	79.6-132				
1,1-Dichloroethylene	7.57		"	10.0		75.7	80.2-146	Low Bias			
1,1-Dichloropropylene	9.79		"	10.0		97.9	75-136				
1,2,3-Trichlorobenzene	10.9		"	10.0		109	66.1-136				
1,2,3-Trichloropropane	9.64		"	10.0		96.4	63-131				
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136				
1,2,4-Trimethylbenzene	9.17		"	10.0		91.7	75.3-135				
1,2-Dibromo-3-chloropropane	12.8		"	10.0		128	58.9-140				
1,2-Dibromoethane	10.6		"	10.0		106	79-130				
1,2-Dichlorobenzene	9.44		"	10.0		94.4	76.1-122				
1,2-Dichloroethane	9.78		"	10.0		97.8	74.6-132				
1,2-Dichloropropane	9.09		"	10.0		90.9	76.9-129				
1,3,5-Trimethylbenzene	9.19		"	10.0		91.9	70.6-127				
1,3-Dichlorobenzene	9.92		"	10.0		99.2	77-124				
1,3-Dichloropropane	9.36		"	10.0		93.6	75.8-126				
1,4-Dichlorobenzene	9.71		"	10.0		97.1	76.6-125				
2,2-Dichloropropane	10.9		"	10.0		109	69-133				
2-Chlorotoluene	8.84		"	10.0		88.4	66.3-119				
2-Hexanone	10.1		"	10.0		101	70-130				
4-Chlorotoluene	9.07		"	10.0		90.7	69.2-127				
Acetone	7.16		"	10.0		71.6	70-130				
Benzene	10.3		"	10.0		103	76.2-129				
Bromobenzene	9.16		"	10.0		91.6	71.3-123				
Bromochloromethane	10.2		"	10.0		102	70.8-137				
Bromodichloromethane	10.1		"	10.0		101	79.7-134				
Bromoform	12.6		"	10.0		126	70.5-141				
Bromomethane	7.09		"	10.0		70.9	43.9-147				
Carbon tetrachloride	11.9		"	10.0		119	78.1-138				
Chlorobenzene	9.75		"	10.0		97.5	80.4-125				
Chloroethane	7.96		"	10.0		79.6	55.8-140				
Chloroform	10.4		"	10.0		104	76.6-133				
Chloromethane	7.75		"	10.0		77.5	48.8-115				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128				
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128				
Dibromochloromethane	12.1		"	10.0		121	79.8-134				
Dibromomethane	9.58		"	10.0		95.8	79-130				
Dichlorodifluoromethane	8.19		"	10.0		81.9	47.1-101				
Ethyl Benzene	9.79		"	10.0		97.9	80.8-128				
Hexachlorobutadiene	11.1		"	10.0		111	64.8-128				
Isopropylbenzene	9.56		"	10.0		95.6	75.5-135				
Methyl tert-butyl ether (MTBE)	9.77		"	10.0		97.7	65.1-140				
Methylene chloride	6.07		"	10.0		60.7	61.3-120	Low Bias			
Naphthalene	10.8		"	10.0		108	62.3-148				
n-Butylbenzene	8.57		"	10.0		85.7	67.2-123				
n-Propylbenzene	9.12		"	10.0		91.2	70.5-127				
o-Xylene	9.21		"	10.0		92.1	75.9-122				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BF30918 - EPA 5030B

LCS (BF30918-BS1) Prepared & Analyzed: 06/20/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
p- & m- Xylenes	19.5		ug/L	20.0		97.4	77.7-127				
p-Isopropyltoluene	9.82		"	10.0		98.2	75.6-129				
sec-Butylbenzene	9.54		"	10.0		95.4	71.5-125				
Styrene	9.85		"	10.0		98.5	77.8-123				
tert-Butylbenzene	9.85		"	10.0		98.5	75.9-151				
Tetrachloroethylene	10.5		"	10.0		105	63.6-167				
Toluene	9.30		"	10.0		93.0	77-123				
trans-1,2-Dichloroethylene	8.11		"	10.0		81.1	76.3-139				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137				
Trichloroethylene	9.92		"	10.0		99.2	77.9-130				
Trichlorofluoromethane	8.64		"	10.0		86.4	57.4-133				
Vinyl Chloride	7.64		"	10.0		76.4	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*63.5-145*				
Surrogate: Toluene-d8	*9.26*		*"*	*10.0*		*92.6*	*81.2-127*				

LCS Dup (BF30918-BSD1) Prepared & Analyzed: 06/20/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130		3.26	21.1	
1,1,1-Trichloroethane	11.5		"	10.0		115	75.6-137		2.46	19.7	
1,1,2,2-Tetrachloroethane	8.91		"	10.0		89.1	71.3-131		4.93	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.49		"	10.0		84.9	71.1-129		1.66	21.7	
1,1,2-Trichloroethane	8.86		"	10.0		88.6	74.5-129		5.70	20.3	
1,1-Dichloroethane	8.77		"	10.0		87.7	79.6-132		5.22	20.6	
1,1-Dichloroethylene	7.63		"	10.0		76.3	80.2-146	Low Bias	0.789	20	
1,1-Dichloropropylene	9.79		"	10.0		97.9	75-136		0.00	19.3	
1,2,3-Trichlorobenzene	10.7		"	10.0		107	66.1-136		1.94	21.6	
1,2,3-Trichloropropane	9.24		"	10.0		92.4	63-131		4.24	23.9	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136		0.186	21.7	
1,2,4-Trimethylbenzene	9.64		"	10.0		96.4	75.3-135		5.00	18.8	
1,2-Dibromo-3-chloropropane	11.8		"	10.0		118	58.9-140		8.45	27.7	
1,2-Dibromoethane	10.1		"	10.0		101	79-130		5.40	23	
1,2-Dichlorobenzene	9.56		"	10.0		95.6	76.1-122		1.26	19.8	
1,2-Dichloroethane	9.62		"	10.0		96.2	74.6-132		1.65	20.2	
1,2-Dichloropropane	8.80		"	10.0		88.0	76.9-129		3.24	20.7	
1,3,5-Trimethylbenzene	9.48		"	10.0		94.8	70.6-127		3.11	18.9	
1,3-Dichlorobenzene	10.2		"	10.0		102	77-124		2.88	19.2	
1,3-Dichloropropane	8.95		"	10.0		89.5	75.8-126		4.48	22.1	
1,4-Dichlorobenzene	9.77		"	10.0		97.7	76.6-125		0.616	18.6	
2,2-Dichloropropane	11.0		"	10.0		110	69-133		1.46	19.8	
2-Chlorotoluene	9.24		"	10.0		92.4	66.3-119		4.42	21.6	
2-Hexanone	9.08		"	10.0		90.8	70-130		10.3	30	
4-Chlorotoluene	9.48		"	10.0		94.8	69.2-127		4.42	19	
Acetone	6.71		"	10.0		67.1	70-130	Low Bias	6.49	30	
Benzene	10.3		"	10.0		103	76.2-129		0.388	19	
Bromobenzene	9.31		"	10.0		93.1	71.3-123		1.62	20.3	
Bromochloromethane	9.75		"	10.0		97.5	70.8-137		4.71	23.9	
Bromodichloromethane	9.87		"	10.0		98.7	79.7-134		2.11	21	
Bromoform	12.1		"	10.0		121	70.5-141		3.97	21.8	
Bromomethane	7.42		"	10.0		74.2	43.9-147		4.55	28.4	
Carbon tetrachloride	12.1		"	10.0		121	78.1-138		1.33	20.1	
Chlorobenzene	9.58		"	10.0		95.8	80.4-125		1.76	19.9	
Chloroethane	8.10		"	10.0		81.0	55.8-140		1.74	23.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30918 - EPA 5030B											
LCS Dup (BF30918-BSD1)								Prepared & Analyzed: 06/20/2013			
Chloroform	10.2		ug/L	10.0		102	76.6-133		1.16	20.3	
Chloromethane	7.75		"	10.0		77.5	48.8-115		0.00	24.5	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128		1.67	20.5	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	74.5-128		3.64	19.9	
Dibromochloromethane	11.4		"	10.0		114	79.8-134		6.14	21.3	
Dibromomethane	8.94		"	10.0		89.4	79-130		6.91	22.4	
Dichlorodifluoromethane	8.25		"	10.0		82.5	47.1-101		0.730	23.9	
Ethyl Benzene	9.81		"	10.0		98.1	80.8-128		0.204	19.2	
Hexachlorobutadiene	11.9		"	10.0		119	64.8-128		7.04	20.6	
Isopropylbenzene	10.1		"	10.0		101	75.5-135		5.10	20	
Methyl tert-butyl ether (MTBE)	8.90		"	10.0		89.0	65.1-140		9.32	23.6	
Methylene chloride	5.91		"	10.0		59.1	61.3-120	Low Bias	2.67	20.4	
Naphthalene	9.92		"	10.0		99.2	62.3-148		8.12	27.1	
n-Butylbenzene	8.94		"	10.0		89.4	67.2-123		4.23	19.1	
n-Propylbenzene	9.53		"	10.0		95.3	70.5-127		4.40	23.4	
o-Xylene	9.19		"	10.0		91.9	75.9-122		0.217	19.3	
p- & m- Xylenes	19.5		"	20.0		97.6	77.7-127		0.256	18.6	
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129		3.89	19.1	
sec-Butylbenzene	10.1		"	10.0		101	71.5-125		5.70	18.9	
Styrene	9.70		"	10.0		97.0	77.8-123		1.53	20.9	
tert-Butylbenzene	10.2		"	10.0		102	75.9-151		3.98	20.9	
Tetrachloroethylene	10.6		"	10.0		106	63.6-167		0.475	27.7	
Toluene	9.30		"	10.0		93.0	77-123		0.00	18.7	
trans-1,2-Dichloroethylene	8.23		"	10.0		82.3	76.3-139		1.47	19.5	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		4.43	19.3	
Trichloroethylene	9.71		"	10.0		97.1	77.9-130		2.14	20.5	
Trichlorofluoromethane	8.62		"	10.0		86.2	57.4-133		0.232	21.4	
Vinyl Chloride	7.86		"	10.0		78.6	54.9-124		2.84	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.73*		*"*	*10.0*		*97.3*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.3*		*"*	*10.0*		*113*	*63.5-145*				
Surrogate: Toluene-d8	*9.34*		*"*	*10.0*		*93.4*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30891 - EPA 3010A											
Blank (BF30891-BLK1)								Prepared & Analyzed: 06/19/2013			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BF30891-DUP1)	*Source sample: 13F0578-01 (WQ061713:1220NP2-10)							Prepared & Analyzed: 06/19/2013			
Iron - Dissolved	0.0838	0.0200	mg/L		0.0878				4.63	20	
Matrix Spike (BF30891-MS1)	*Source sample: 13F0578-01 (WQ061713:1220NP2-10)							Prepared & Analyzed: 06/19/2013			
Iron - Dissolved	1.16	0.0200	mg/L	1.00	0.0878	108	75-125				
Reference (BF30891-SRM1)								Prepared & Analyzed: 06/19/2013			
Iron - Dissolved	1.37	0.0200	mg/L	1.39		98.8	88.4-113				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30892 - EPA 3010A											
Blank (BF30892-BLK1)								Prepared & Analyzed: 06/19/2013			
Iron	ND	0.0200	mg/L								
Duplicate (BF30892-DUP1)	*Source sample: 13F0578-01 (WQ061713:1220NP2-10)							Prepared & Analyzed: 06/19/2013			
Iron	0.974	0.0200	mg/L		1.01				3.94	20	
Matrix Spike (BF30892-MS1)	*Source sample: 13F0578-01 (WQ061713:1220NP2-10)							Prepared & Analyzed: 06/19/2013			
Iron	2.05	0.0200	mg/L	1.00	1.01	104	75-125				
Reference (BF30892-SRM1)								Prepared & Analyzed: 06/19/2013			
Iron	1.37	0.0200	mg/L	1.39		98.9	88.4-113				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30881 - % Solids Prep											
Blank (BF30881-BLK1)									Prepared & Analyzed: 06/19/2013		
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BF30881-DUP1)	*Source sample: 13F0578-01 (WQ061713:1220NP2-10)								Prepared & Analyzed: 06/19/2013		
Total Dissolved Solids	119	1.00	mg/L		119				0.00	15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0575-01	WQ061713:1210NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0575-02	WQ061713:1215NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0578-01	WQ061713:1220NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

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); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 13F0575

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LBG	Company: Same	Company: Same	Rowe Industries.	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr, Suite 301 Shelton, CT 06484	Address:	Address:		RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.	Purchase Order No.	RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:	HABSA6.	RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT__ NY X NJ__	RUSH - Four Day ☐	NY ASP A Package
				Standard (5-7 Days) ☒	NY ASP B Package NP2-10 only, pdf.
					NJDEP Red. Deliv.

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

Samples Collected/Authorized By (Signature)

Stephen Hirst
Name (printed)

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

Volatiles		Semi-Vols	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL MetCN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-[illegible]	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-[illegible]	Aquatic Tox.
Halog. only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ061713:1210NP2-6	6/17/13 1210	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	3v 2P
WQ061713:1215NP2-7	↓ 1215	GW	↓	3v 2P
WQ061713:1220NP2-10	↓ 1220	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260A) plus freon 113 / TDS (SM 2540C)	3v 3P

Comments

Preservation Check those Applicable: 4°C___ Frozen___ HCl___ MeOH___ HNO3___ H2SO4___ NaOH___ ZnAc___ Ascorbic Acid___ Other___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Natalie Vero	6/18/13 12:30	[signature]	6/18/13
Samples Relinquished By	Date/Time	Samples Received in LAB by: [signature]	Date/Time 6-18-13 1550

Temperature on Receipt 3.4 °C

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

Field Chain-of-Custody Record

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

York Project No. 13F0578

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LBG	Company: Same	Company: Same	Rowe Industries.	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr, Suite 301 Shelton, CT 06484	Address: ↓	Address: ↓	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.	HABSAG.	RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address: ↓	E-Mail Address: ↓	Samples from: CT__ NY X NJ__	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) ☒	NY ASP B Package NP2-10 only, pdf.
					NJDEP Red. Deliv.

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

Samples Collected/Authorized By (Signature): [signature]

Stephen Hnat
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Report Type (cont.): Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Sample Identification	Date Sampled		Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ061713:1210NP2-6	6/17/13	1210	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	3v 2p
WQ061713:1215NP2-7	↓	1215	GW	↓	3v 2p
WQ061713:1220NP2-10	↓	1220	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260B) plus freon 113 / TDS (SM 2540C)	3v 3p

Comments

Preservation (Check those Applicable): 4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___ ZnAc___ Ascorbic Acid___ Other___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Natalie Vario [signature]	6/18/13 12:30	[signature]	6/18/13
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		[signature]	6-18-13 1550

Temperature on Receipt: 3.4 °C

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 07/01/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0941

Report Date: 07/01/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0941

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 27, 2013 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13F0941-01	WQ062513:1030NP2-6	Water	06/25/2013	06/27/2013
13F0941-02	WQ062513:1035NP2-7	Water	06/25/2013	06/27/2013
13F0943-01	WQ062513:1040NP2-10	Water	06/25/2013	06/27/2013

General Notes for York Project (SDG) No.: 13F0941

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

Approved By: 

Date: 07/01/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ062513:1030NP2-6 **York Sample ID:** 13F0941-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0941	Rowe Industries	Water	June 25, 2013 10:30 am	06/27/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
71-55-6	1,1,1-Trichloroethane	**0.82**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK

Sample Information

Client Sample ID: WQ062513:1030NP2-6 **York Sample ID:** 13F0941-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0941	Rowe Industries	Water	June 25, 2013 10:30 am	06/27/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
156-59-2	cis-1,2-Dichloroethylene	**0.22**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
127-18-4	Tetrachloroethylene	**3.3**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
79-01-6	Trichloroethylene	**0.22**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 22:35	BK

Sample Information

Client Sample ID: WQ062513:1030NP2-6 **York Sample ID:** 13F0941-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0941	Rowe Industries	Water	June 25, 2013 10:30 am	06/27/2013

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.8 %*		*72.6-129*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*122 %*		*63.5-145*							
2037-26-5	*Surrogate: Toluene-d8*	*106 %*		*81.2-127*							

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	06/28/2013 16:12	06/28/2013 18:35	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**6.78**		mg/L	0.0100	0.0200	1	EPA 200.7	06/28/2013 16:15	06/28/2013 19:38	MW

Sample Information

Client Sample ID: WQ062513:1035NP2-7 **York Sample ID:** 13F0941-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0941	Rowe Industries	Water	June 25, 2013 10:35 am	06/27/2013

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK

Sample Information

Client Sample ID: WQ062513:1035NP2-7 **York Sample ID:** 13F0941-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0941	Rowe Industries	Water	June 25, 2013 10:35 am	06/27/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK

Sample Information

Client Sample ID: WQ062513:1035NP2-7 **York Sample ID:** 13F0941-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0941	Rowe Industries	Water	June 25, 2013 10:35 am	06/27/2013

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:10	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*118 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	06/28/2013 16:12	06/28/2013 18:40	MW

Sample Information

Client Sample ID: WQ062513:1035NP2-7 **York Sample ID:** 13F0941-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0941	Rowe Industries	Water	June 25, 2013 10:35 am	06/27/2013

Iron by EPA 200.7 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**6.86**		mg/L	0.0100	0.0200	1	EPA 200.7	06/28/2013 16:15	06/28/2013 19:43	MW

Sample Information

Client Sample ID: WQ062513:1040NP2-10 **York Sample ID:** 13F0943-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0943	Rowe Industries	Water	June 25, 2013 10:40 am	06/27/2013

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK

Sample Information

Client Sample ID: WQ062513:1040NP2-10 **York Sample ID:** 13F0943-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0943	Rowe Industries	Water	June 25, 2013 10:40 am	06/27/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
75-25-2	Bromoform	**0.87**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
124-48-1	Dibromochloromethane	**0.60**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK

Sample Information

Client Sample ID: WQ062513:1040NP2-10 **York Sample ID:** 13F0943-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0943	Rowe Industries	Water	June 25, 2013 10:40 am	06/27/2013

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/30/2013 13:10	06/30/2013 23:46	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.5 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*123 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	06/28/2013 16:12	06/28/2013 18:45	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**8.15**		mg/L	0.0100	0.0200	1	EPA 200.7	06/28/2013 16:15	06/28/2013 19:48	MW

Total Dissolved Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**126**		mg/L	2.00	2.00	1	SM 2540C	06/27/2013 22:32	06/28/2013 07:14	ALD

Analytical Batch Summary

Batch ID: BF31386 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
13F0943-01	WQ062513:1040NP2-10	06/27/13
BF31386-BLK1	Blank	06/27/13
BF31386-DUP1	Duplicate	06/27/13

Batch ID: BF31446 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0941-01	WQ062513:1030NP2-6	06/28/13
13F0941-02	WQ062513:1035NP2-7	06/28/13
13F0943-01	WQ062513:1040NP2-10	06/28/13
BF31446-BLK1	Blank	06/28/13
BF31446-DUP1	Duplicate	06/28/13
BF31446-MS1	Matrix Spike	06/28/13
BF31446-SRM1	Reference	06/28/13

Batch ID: BF31447 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0941-01	WQ062513:1030NP2-6	06/28/13
13F0941-02	WQ062513:1035NP2-7	06/28/13
13F0943-01	WQ062513:1040NP2-10	06/28/13
BF31447-BLK1	Blank	06/28/13
BF31447-DUP1	Duplicate	06/28/13
BF31447-MS1	Matrix Spike	06/28/13
BF31447-SRM1	Reference	06/28/13

Batch ID: BF31590 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13F0941-01	WQ062513:1030NP2-6	06/30/13
13F0941-02	WQ062513:1035NP2-7	06/30/13
13F0943-01	WQ062513:1040NP2-10	06/30/13
BF31590-BLK1	Blank	06/30/13
BF31590-BS1	LCS	06/30/13
BF31590-BSD1	LCS Dup	06/30/13

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31590 - EPA 5030B											
Blank (BF31590-BLK1)											
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	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
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	0.26	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	"								
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	1.3	2.0	"								
Naphthalene	1.4	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								

Prepared & Analyzed: 06/30/2013

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

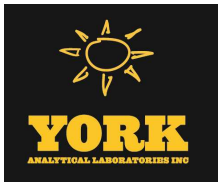
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31590 - EPA 5030B											
Blank (BF31590-BLK1)									Prepared & Analyzed: 06/30/2013		
p- & m- Xylenes	ND	1.0	ug/L								
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	"								
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*12.1*		*"*	*10.0*		*121*	*63.5-145*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81.2-127*				
LCS (BF31590-BS1)									Prepared & Analyzed: 06/30/2013		
1,1,1,2-Tetrachloroethane	9.40		ug/L	10.0		94.0	82.3-130				
1,1,1-Trichloroethane	11.0		"	10.0		110	75.6-137				
1,1,2,2-Tetrachloroethane	8.72		"	10.0		87.2	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	71.1-129				
1,1,2-Trichloroethane	8.03		"	10.0		80.3	74.5-129				
1,1-Dichloroethane	11.1		"	10.0		111	79.6-132				
1,1-Dichloroethylene	10.4		"	10.0		104	80.2-146				
1,1-Dichloropropylene	11.2		"	10.0		112	75-136				
1,2,3-Trichlorobenzene	9.62		"	10.0		96.2	66.1-136				
1,2,3-Trichloropropane	9.47		"	10.0		94.7	63-131				
1,2,4-Trichlorobenzene	10.3		"	10.0		103	70.6-136				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	75.3-135				
1,2-Dibromo-3-chloropropane	9.57		"	10.0		95.7	58.9-140				
1,2-Dibromoethane	8.53		"	10.0		85.3	79-130				
1,2-Dichlorobenzene	9.48		"	10.0		94.8	76.1-122				
1,2-Dichloroethane	10.0		"	10.0		100	74.6-132				
1,2-Dichloropropane	9.54		"	10.0		95.4	76.9-129				
1,3,5-Trimethylbenzene	9.65		"	10.0		96.5	70.6-127				
1,3-Dichlorobenzene	9.81		"	10.0		98.1	77-124				
1,3-Dichloropropane	8.25		"	10.0		82.5	75.8-126				
1,4-Dichlorobenzene	9.78		"	10.0		97.8	76.6-125				
2,2-Dichloropropane	12.2		"	10.0		122	69-133				
2-Chlorotoluene	9.70		"	10.0		97.0	66.3-119				
2-Hexanone	7.70		"	10.0		77.0	70-130				
4-Chlorotoluene	9.80		"	10.0		98.0	69.2-127				
Acetone	8.21		"	10.0		82.1	70-130				
Benzene	11.0		"	10.0		110	76.2-129				
Bromobenzene	9.40		"	10.0		94.0	71.3-123				
Bromochloromethane	11.2		"	10.0		112	70.8-137				
Bromodichloromethane	9.12		"	10.0		91.2	79.7-134				
Bromoform	8.12		"	10.0		81.2	70.5-141				
Bromomethane	10.7		"	10.0		107	43.9-147				
Carbon tetrachloride	11.2		"	10.0		112	78.1-138				
Chlorobenzene	9.25		"	10.0		92.5	80.4-125				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31590 - EPA 5030B											
LCS (BF31590-BS1)								Prepared & Analyzed: 06/30/2013			
Chloroethane	10.8		ug/L	10.0		108	55.8-140				
Chloroform	10.8		"	10.0		108	76.6-133				
Chloromethane	9.52		"	10.0		95.2	48.8-115				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128				
cis-1,3-Dichloropropylene	9.49		"	10.0		94.9	74.5-128				
Dibromochloromethane	8.59		"	10.0		85.9	79.8-134				
Dibromomethane	8.55		"	10.0		85.5	79-130				
Dichlorodifluoromethane	6.58		"	10.0		65.8	47.1-101				
Ethyl Benzene	10.2		"	10.0		102	80.8-128				
Hexachlorobutadiene	11.7		"	10.0		117	64.8-128				
Isopropylbenzene	10.3		"	10.0		103	75.5-135				
Methyl tert-butyl ether (MTBE)	9.80		"	10.0		98.0	65.1-140				
Methylene chloride	12.2		"	10.0		122	61.3-120	High Bias			
Naphthalene	9.64		"	10.0		96.4	62.3-148				
n-Butylbenzene	11.2		"	10.0		112	67.2-123				
n-Propylbenzene	10.5		"	10.0		105	70.5-127				
o-Xylene	9.44		"	10.0		94.4	75.9-122				
p- & m- Xylenes	20.6		"	20.0		103	77.7-127				
p-Isopropyltoluene	11.1		"	10.0		111	75.6-129				
sec-Butylbenzene	10.9		"	10.0		109	71.5-125				
Styrene	4.16		"	10.0		41.6	77.8-123	Low Bias			
tert-Butylbenzene	10.6		"	10.0		106	75.9-151				
Tetrachloroethylene	9.58		"	10.0		95.8	63.6-167				
Toluene	9.61		"	10.0		96.1	77-123				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	76.3-139				
trans-1,3-Dichloropropylene	8.95		"	10.0		89.5	72.5-137				
Trichloroethylene	9.97		"	10.0		99.7	77.9-130				
Trichlorofluoromethane	11.1		"	10.0		111	57.4-133				
Vinyl Chloride	9.54		"	10.0		95.4	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.94*		*"*	*10.0*		*99.4*	*63.5-145*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81.2-127*				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31590 - EPA 5030B											
LCS Dup (BF31590-BSD1)								Prepared & Analyzed: 06/30/2013			
1,1,1,2-Tetrachloroethane	9.77		ug/L	10.0		97.7	82.3-130		3.86	21.1	
1,1,1-Trichloroethane	11.3		"	10.0		113	75.6-137		2.42	19.7	
1,1,2,2-Tetrachloroethane	9.34		"	10.0		93.4	71.3-131		6.87	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	71.1-129		0.00	21.7	
1,1,2-Trichloroethane	9.39		"	10.0		93.9	74.5-129		15.6	20.3	
1,1-Dichloroethane	11.3		"	10.0		113	79.6-132		1.52	20.6	
1,1-Dichloroethylene	10.4		"	10.0		104	80.2-146		0.673	20	
1,1-Dichloropropylene	11.3		"	10.0		113	75-136		0.981	19.3	
1,2,3-Trichlorobenzene	10.1		"	10.0		101	66.1-136		4.47	21.6	
1,2,3-Trichloropropane	9.88		"	10.0		98.8	63-131		4.24	23.9	
1,2,4-Trichlorobenzene	10.5		"	10.0		105	70.6-136		2.30	21.7	
1,2,4-Trimethylbenzene	8.88		"	10.0		88.8	75.3-135		15.7	18.8	
1,2-Dibromo-3-chloropropane	11.6		"	10.0		116	58.9-140		19.0	27.7	
1,2-Dibromoethane	10.0		"	10.0		100	79-130		15.9	23	
1,2-Dichlorobenzene	9.87		"	10.0		98.7	76.1-122		4.03	19.8	
1,2-Dichloroethane	11.0		"	10.0		110	74.6-132		9.24	20.2	
1,2-Dichloropropane	9.60		"	10.0		96.0	76.9-129		0.627	20.7	
1,3,5-Trimethylbenzene	8.98		"	10.0		89.8	70.6-127		7.19	18.9	
1,3-Dichlorobenzene	9.29		"	10.0		92.9	77-124		5.45	19.2	
1,3-Dichloropropane	9.28		"	10.0		92.8	75.8-126		11.8	22.1	
1,4-Dichlorobenzene	9.46		"	10.0		94.6	76.6-125		3.33	18.6	
2,2-Dichloropropane	12.0		"	10.0		120	69-133		2.23	19.8	
2-Chlorotoluene	9.27		"	10.0		92.7	66.3-119		4.53	21.6	
2-Hexanone	9.85		"	10.0		98.5	70-130		24.5	30	
4-Chlorotoluene	8.89		"	10.0		88.9	69.2-127		9.74	19	
Acetone	9.37		"	10.0		93.7	70-130		13.2	30	
Benzene	11.4		"	10.0		114	76.2-129		3.58	19	
Bromobenzene	9.37		"	10.0		93.7	71.3-123		0.320	20.3	
Bromochloromethane	12.1		"	10.0		121	70.8-137		7.28	23.9	
Bromodichloromethane	9.81		"	10.0		98.1	79.7-134		7.29	21	
Bromoform	9.37		"	10.0		93.7	70.5-141		14.3	21.8	
Bromomethane	10.2		"	10.0		102	43.9-147		5.36	28.4	
Carbon tetrachloride	11.4		"	10.0		114	78.1-138		2.04	20.1	
Chlorobenzene	9.67		"	10.0		96.7	80.4-125		4.44	19.9	
Chloroethane	10.9		"	10.0		109	55.8-140		1.20	23.3	
Chloroform	11.2		"	10.0		112	76.6-133		4.46	20.3	
Chloromethane	9.62		"	10.0		96.2	48.8-115		1.04	24.5	
cis-1,2-Dichloroethylene	10.9		"	10.0		109	75.1-128		5.56	20.5	
cis-1,3-Dichloropropylene	10.5		"	10.0		105	74.5-128		10.2	19.9	
Dibromochloromethane	9.74		"	10.0		97.4	79.8-134		12.5	21.3	
Dibromomethane	9.66		"	10.0		96.6	79-130		12.2	22.4	
Dichlorodifluoromethane	6.49		"	10.0		64.9	47.1-101		1.38	23.9	
Ethyl Benzene	10.7		"	10.0		107	80.8-128		4.69	19.2	
Hexachlorobutadiene	11.0		"	10.0		110	64.8-128		5.90	20.6	
Isopropylbenzene	9.72		"	10.0		97.2	75.5-135		5.50	20	
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	65.1-140		13.0	23.6	
Methylene chloride	12.4		"	10.0		124	61.3-120	High Bias	1.39	20.4	
Naphthalene	10.6		"	10.0		106	62.3-148		9.67	27.1	
n-Butylbenzene	10.6		"	10.0		106	67.2-123		4.95	19.1	
n-Propylbenzene	9.86		"	10.0		98.6	70.5-127		6.10	23.4	
o-Xylene	9.85		"	10.0		98.5	75.9-122		4.25	19.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31590 - EPA 5030B											
LCS Dup (BF31590-BSD1)								Prepared & Analyzed: 06/30/2013			
p- & m- Xylenes	20.8		ug/L	20.0		104	77.7-127		0.677	18.6	
p-Isopropyltoluene	10.1		"	10.0		101	75.6-129		9.17	19.1	
sec-Butylbenzene	10.3		"	10.0		103	71.5-125		6.23	18.9	
Styrene	1.41		"	10.0		14.1	77.8-123	Low Bias	98.7	20.9	Non-dir.
tert-Butylbenzene	10.4		"	10.0		104	75.9-151		1.71	20.9	
Tetrachloroethylene	9.85		"	10.0		98.5	63.6-167		2.78	27.7	
Toluene	10.0		"	10.0		100	77-123		4.28	18.7	
trans-1,2-Dichloroethylene	11.3		"	10.0		113	76.3-139		3.41	19.5	
trans-1,3-Dichloropropylene	9.75		"	10.0		97.5	72.5-137		8.56	19.3	
Trichloroethylene	10.3		"	10.0		103	77.9-130		3.06	20.5	
Trichlorofluoromethane	10.9		"	10.0		109	57.4-133		1.45	21.4	
Vinyl Chloride	9.64		"	10.0		96.4	54.9-124		1.04	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.9*		*"*	*10.0*		*109*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.17*		*"*	*10.0*		*91.7*	*63.5-145*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31446 - EPA 3010A											
Blank (BF31446-BLK1)								Prepared & Analyzed: 06/28/2013			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BF31446-DUP1)	*Source sample: 13F0943-01 (WQ062513:1040NP2-10)							Prepared & Analyzed: 06/28/2013			
Iron - Dissolved	0.0265	0.0200	mg/L		0.0164				46.8	20	Non-dir.
Matrix Spike (BF31446-MS1)	*Source sample: 13F0943-01 (WQ062513:1040NP2-10)							Prepared & Analyzed: 06/28/2013			
Iron - Dissolved	1.06	0.0200	mg/L	1.00	0.0164	105	75-125				
Reference (BF31446-SRM1)								Prepared & Analyzed: 06/28/2013			
Iron - Dissolved	1.38	0.0200	mg/L	1.39		99.2	88.4-113				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31447 - EPA 3010A											
Blank (BF31447-BLK1)								Prepared & Analyzed: 06/28/2013			
Iron	ND	0.0200	mg/L								
Duplicate (BF31447-DUP1)	*Source sample: 13F0943-01 (WQ062513:1040NP2-10)							Prepared & Analyzed: 06/28/2013			
Iron	8.11	0.0200	mg/L		8.15				0.475	20	
Matrix Spike (BF31447-MS1)	*Source sample: 13F0943-01 (WQ062513:1040NP2-10)							Prepared & Analyzed: 06/28/2013			
Iron	9.21	0.0200	mg/L	1.00	8.15	106	75-125				
Reference (BF31447-SRM1)								Prepared & Analyzed: 06/28/2013			
Iron	1.35	0.0200	mg/L	1.39		97.3	88.4-113				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31386 - % Solids Prep											
Blank (BF31386-BLK1)									Prepared: 06/27/2013 Analyzed: 06/28/2013		
Total Dissolved Solids	ND	2.00	mg/L								
Duplicate (BF31386-DUP1)	*Source sample: 13F0943-01 (WQ062513:1040NP2-10)								Prepared: 06/27/2013 Analyzed: 06/28/2013		
Total Dissolved Solids	126	2.00	mg/L		126				0.00	15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0941-01	WQ062513:1030NP2-6	250mL Plastic Cool to 4° C
13F0941-02	WQ062513:1035NP2-7	250mL Plastic Cool to 4° C
13F0943-01	WQ062513:1040NP2-10	250mL Plastic Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-RPD	Sample conc. <5 X reporting limit.
M-LSRD	Original sample conc <50 X reporting limit.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

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

York Project No. 13F0941

YOUR Information

Company: LBG
Address: 4 Research Dr, Suite 301
Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:

Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

Rowe Industries.

Purchase Order No.
HABSA6

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package NP2-10 only, pdf.
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel X
- NYSDEC EQuIS ___
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- York Regulatory Comparison
- Excel Spreadsheet

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

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)

STEPHEN HNAT
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded (No Dioxins/Furans)	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ062513:1030NP2-6	6/25/13 1030	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	3v 2p
WQ062513:1035NP2-7	1035	GW	↓	3v 2p
WQ062513:1040NP2-10	1040	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260B) plus freon 113 / TOS (SM 2540c)	3v 3p

Comments

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C X Frozen ___ HCl X MeOH ___ HNO3 X H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	6/26/13 9-	LBG Fedex	6/26/13 9-
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
[signature]	6/27/13 1245	TC [signature]	6/27/13 1245

Temperature on Receipt 4.3 °C

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

Field Chain-of-Custody Record

York Project No. 13F0943

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LBG	Company: Same	Company: Same	Rowe Industries.	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr Suite 301 Shelton, CT 06484	Address:	Address:	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.	HABSAG.	RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT__ NY X NJ__	RUSH - Four Day ☐	NY ASP A Package
				Standard (5-7 Days) ☒	NY ASP B Package NP2-10 only, pdf.
					NJDEP Red. Deliv.

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

Samples Collected/Authorized By (Signature): [signature]

STEPHEN HNAT
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded	Aquatic Tox.
Halog. only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App. IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ062513:1030NPZ-6	6/25/13 1030	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus Freon 113	3V 2P
WQ062513:1035NPZ-7	↓ 1035	GW	↓	3V 2P
WQ062513:1040NPZ-10	↓ 1040	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260B) plus Freon 113 / TDS (SM 2540C)	3V 3P

Comments

Preservation (Check those Applicable): 4°C X Frozen__ HCl X MeOH__ HNO₃ X H₂SO₄__ NaOH__ ZnAc__ Ascorbic Acid__ Other__

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	6/26/13 9-	LBG Fridge	6/26/13 9-
[signature]	6/27/13 1245	TC [signature]	6/27/13 1245
Samples Relinquished By	Date/Time	Samples Received in LAB by [signature]	6-27-13 1505

Temperature on Receipt: 4.3 °C

APPENDIX II
JUNE 2013 LABORATORY ANALYTICAL REPORTS
FOR FSP&T AND FP&T RECOVERY WELLS

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 06/20/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0497

Report Date: 06/20/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0497

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 14, 2013 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13F0497-01	WQ061213:1730FRW1	Water	06/12/2013	06/14/2013
13F0497-02	WQ061213:1735FRW2	Water	06/12/2013	06/14/2013
13F0497-03	WQ061213:1740FRW3	Water	06/12/2013	06/14/2013
13F0497-04	WQ061213:1745FRW4	Water	06/12/2013	06/14/2013

General Notes for York Project (SDG) No.: 13F0497

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

Approved By: 

Date: 06/20/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ061213:1730FRW1 **York Sample ID:** 13F0497-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:30 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
71-55-6	1,1,1-Trichloroethane	**1.8**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
95-63-6	1,2,4-Trimethylbenzene	**0.35**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS

Sample Information

Client Sample ID: WQ061213:1730FRW1 **York Sample ID:** 13F0497-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:30 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
156-59-2	cis-1,2-Dichloroethylene	**6.1**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
75-09-2	Methylene chloride	**1.7**	J	ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
127-18-4	Tetrachloroethylene	**100**		ug/L	1.0	2.5	5	EPA SW846-8260B	06/18/2013 09:50	06/19/2013 16:33	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
79-01-6	Trichloroethylene	**3.1**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 17:40	SS

Sample Information

Client Sample ID: WQ061213:1730FRW1 **York Sample ID:** 13F0497-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:30 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.6 %*			*72.6-129*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*120 %*			*63.5-145*						
2037-26-5	*Surrogate: Toluene-d8*	*91.1 %*			*81.2-127*						

Sample Information

Client Sample ID: WQ061213:1730FRW1 **York Sample ID:** 13F0497-01RE1

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:30 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
71-55-6	1,1,1-Trichloroethane	**2.2**	J	ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
75-34-3	1,1-Dichloroethane	**2.8**		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	10	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	10	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	10	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS

Sample Information

Client Sample ID: WQ061213:1730FRW1

York Sample ID: 13F0497-01RE1

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:30 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
95-49-8	2-Chlorotoluene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
591-78-6	2-Hexanone	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
106-43-4	4-Chlorotoluene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
67-64-1	Acetone	ND		ug/L	5.0	10	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
71-43-2	Benzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
108-86-1	Bromobenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
74-83-9	Bromomethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
75-00-3	Chloroethane	**1.8**	J	ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
74-87-3	Chloromethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
156-59-2	cis-1,2-Dichloroethylene	**25**		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
124-48-1	Dibromochloromethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
74-95-3	Dibromomethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
100-41-4	Ethyl Benzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
98-82-8	Isopropylbenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
91-20-3	Naphthalene	ND		ug/L	5.0	10	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
104-51-8	n-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
103-65-1	n-Propylbenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
95-47-6	o-Xylene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	5.0	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS

Sample Information

Client Sample ID: WQ061213:1730FRW1 **York Sample ID:** 13F0497-01RE1

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:30 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
100-42-5	Styrene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
127-18-4	Tetrachloroethylene	**100**		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
108-88-3	Toluene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
79-01-6	Trichloroethylene	**3.6**		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	1.0	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
75-01-4	Vinyl Chloride	**2.8**		ug/L	2.5	2.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS
1330-20-7	Xylenes, Total	ND		ug/L	3.0	7.5	5	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 16:33	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*126 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*94.1 %*	*81.2-127*

Sample Information

Client Sample ID: WQ061213:1735FRW2 **York Sample ID:** 13F0497-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:35 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
71-55-6	1,1,1-Trichloroethane	**0.35**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
75-34-3	1,1-Dichloroethane	**1.3**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS

Sample Information

Client Sample ID: WQ061213:1735FRW2 **York Sample ID:** 13F0497-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:35 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
67-64-1	Acetone	**9.4**	B	ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
71-43-2	Benzene	**0.32**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
156-59-2	cis-1,2-Dichloroethylene	**22**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS

Sample Information

Client Sample ID: WQ061213:1735FRW2 **York Sample ID:** 13F0497-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:35 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
75-09-2	Methylene chloride	**1.6**	J	ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
127-18-4	Tetrachloroethylene	**45**		ug/L	0.40	1.0	2	EPA SW846-8260B	06/18/2013 09:50	06/19/2013 17:13	SS
108-88-3	Toluene	**0.27**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
79-01-6	Trichloroethylene	**2.7**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
75-01-4	Vinyl Chloride	**3.1**		ug/L	0.50	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 18:21	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*120 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*92.4 %*	*81.2-127*

Sample Information

Client Sample ID: WQ061213:1735FRW2 **York Sample ID:** 13F0497-02RE1

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:35 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: WQ061213:1735FRW2 **York Sample ID:** 13F0497-02RE1

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:35 pm	06/14/2013

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
75-34-3	1,1-Dichloroethane	**1.1**		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.40	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.40	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.40	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
591-78-6	2-Hexanone	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
67-64-1	Acetone	**8.5**		ug/L	2.0	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
71-43-2	Benzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
108-86-1	Bromobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
74-97-5	Bromochloromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
75-25-2	Bromoform	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
74-83-9	Bromomethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
108-90-7	Chlorobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS

Sample Information

Client Sample ID: WQ061213:1735FRW2

York Sample ID: 13F0497-02RE1

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:35 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
67-66-3	Chloroform	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
74-87-3	Chloromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
156-59-2	cis-1,2-Dichloroethylene	**22**		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
74-95-3	Dibromomethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
75-09-2	Methylene chloride	ND		ug/L	2.0	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
91-20-3	Naphthalene	ND		ug/L	2.0	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
95-47-6	o-Xylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	1.0	2.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
100-42-5	Styrene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
127-18-4	Tetrachloroethylene	**45**		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
108-88-3	Toluene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
79-01-6	Trichloroethylene	**2.4**		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
75-01-4	Vinyl Chloride	**2.9**		ug/L	1.0	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.2	3.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:13	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*124 %*	*63.5-145*

Sample Information

Client Sample ID: WQ061213:1735FRW2 **York Sample ID:** 13F0497-02RE1

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:35 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: Toluene-d8*	*93.4 %*			*81.2-127*						

Sample Information

Client Sample ID: WQ061213:1740FRW3 **York Sample ID:** 13F0497-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:40 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
71-55-6	1,1,1-Trichloroethane	**1.3**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
75-34-3	1,1-Dichloroethane	**1.4**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS

Sample Information

Client Sample ID: WQ061213:1740FRW3 **York Sample ID:** 13F0497-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:40 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
71-43-2	Benzene	**0.46**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
156-59-2	cis-1,2-Dichloroethylene	**46**		ug/L	0.40	1.0	2	EPA SW846-8260B	06/18/2013 09:50	06/19/2013 17:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
98-82-8	Isopropylbenzene	**0.35**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
75-09-2	Methylene chloride	**1.6**	J	ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
103-65-1	n-Propylbenzene	**0.50**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS

Sample Information

Client Sample ID: WQ061213:1740FRW3 **York Sample ID:** 13F0497-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:40 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
127-18-4	Tetrachloroethylene	**9.9**		ug/L	0.40	1.0	2	EPA SW846-8260B	06/18/2013 09:50	06/19/2013 17:53	SS
108-88-3	Toluene	**0.44**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
79-01-6	Trichloroethylene	**6.9**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
75-01-4	Vinyl Chloride	**0.93**		ug/L	0.50	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:02	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.8 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*118 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*92.5 %*	*81.2-127*

Sample Information

Client Sample ID: WQ061213:1740FRW3 **York Sample ID:** 13F0497-03RE1

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:40 pm	06/14/2013

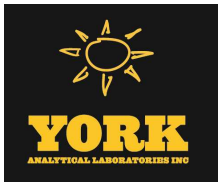
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
71-55-6	1,1,1-Trichloroethane	**1.2**		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
75-34-3	1,1-Dichloroethane	**1.4**		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.40	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.40	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS



Sample Information

Client Sample ID: WQ061213:1740FRW3 **York Sample ID:** 13F0497-03RE1

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:40 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.40	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
591-78-6	2-Hexanone	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
67-64-1	Acetone	ND		ug/L	2.0	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
71-43-2	Benzene	**0.42**	J	ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
108-86-1	Bromobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
74-97-5	Bromochloromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
75-25-2	Bromoform	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
74-83-9	Bromomethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
108-90-7	Chlorobenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
75-00-3	Chloroethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
67-66-3	Chloroform	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
74-87-3	Chloromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
156-59-2	cis-1,2-Dichloroethylene	**46**		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
74-95-3	Dibromomethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS

Sample Information

Client Sample ID: WQ061213:1740FRW3 **York Sample ID:** 13F0497-03RE1

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:40 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
75-09-2	Methylene chloride	ND		ug/L	2.0	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
91-20-3	Naphthalene	ND		ug/L	2.0	4.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
103-65-1	n-Propylbenzene	**0.46**	J	ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
95-47-6	o-Xylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	1.0	2.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
100-42-5	Styrene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
127-18-4	Tetrachloroethylene	**9.9**		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
108-88-3	Toluene	**0.42**	J	ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
79-01-6	Trichloroethylene	**6.0**		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.40	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
75-01-4	Vinyl Chloride	ND		ug/L	1.0	1.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.2	3.0	2	EPA SW846-8260B	06/19/2013 10:30	06/19/2013 17:53	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*123 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*92.2 %*	*81.2-127*

Sample Information

Client Sample ID: WQ061213:1745FRW4 **York Sample ID:** 13F0497-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:45 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS

Sample Information

Client Sample ID: WQ061213:1745FRW4 **York Sample ID:** 13F0497-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:45 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	**0.99**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
75-34-3	1,1-Dichloroethane	**0.49**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS

Sample Information

Client Sample ID: WQ061213:1745FRW4 **York Sample ID:** 13F0497-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:45 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
156-59-2	cis-1,2-Dichloroethylene	**9.3**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
75-09-2	Methylene chloride	**1.5**	J	ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
127-18-4	Tetrachloroethylene	**25**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
79-01-6	Trichloroethylene	**7.5**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/18/2013 09:50	06/18/2013 19:43	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*72.6-129*

Sample Information

Client Sample ID: WQ061213:1745FRW4 **York Sample ID:** 13F0497-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0497	Rowe Industries	Water	June 12, 2013 5:45 pm	06/14/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: p-Bromofluorobenzene*	*119 %*			*63.5-145*						
2037-26-5	*Surrogate: Toluene-d8*	*105 %*			*81.2-127*						

Analytical Batch Summary

Batch ID: BF30798 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13F0497-01	WQ061213:1730FRW1	06/18/13
13F0497-02	WQ061213:1735FRW2	06/18/13
13F0497-03	WQ061213:1740FRW3	06/18/13
13F0497-04	WQ061213:1745FRW4	06/18/13
BF30798-BLK1	Blank	06/18/13
BF30798-BS1	LCS	06/18/13
BF30798-BSD1	LCS Dup	06/18/13

Batch ID: BF30851 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13F0497-01RE1	WQ061213:1730FRW1	06/19/13
13F0497-02RE1	WQ061213:1735FRW2	06/19/13
13F0497-03RE1	WQ061213:1740FRW3	06/19/13
BF30851-BLK1	Blank	06/19/13
BF30851-BS1	LCS	06/19/13
BF30851-BSD1	LCS Dup	06/19/13

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30798 - EPA 5030B											
Blank (BF30798-BLK1)											
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	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
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	1.9	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	"								
o-Xylene	ND	0.50	"								

Prepared & Analyzed: 06/18/2013

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30798 - EPA 5030B											
Blank (BF30798-BLK1)								Prepared & Analyzed: 06/18/2013			
p- & m- Xylenes	ND	1.0	ug/L								
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	"								
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*12.8*		*"*	*10.0*		*128*	*63.5-145*				
Surrogate: Toluene-d8	*9.33*		*"*	*10.0*		*93.3*	*81.2-127*				
LCS (BF30798-BS1)								Prepared & Analyzed: 06/18/2013			
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130				
1,1,1-Trichloroethane	12.1		"	10.0		121	75.6-137				
1,1,2,2-Tetrachloroethane	9.18		"	10.0		91.8	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.16		"	10.0		91.6	71.1-129				
1,1,2-Trichloroethane	8.72		"	10.0		87.2	74.5-129				
1,1-Dichloroethane	9.66		"	10.0		96.6	79.6-132				
1,1-Dichloroethylene	8.53		"	10.0		85.3	80.2-146				
1,1-Dichloropropylene	10.3		"	10.0		103	75-136				
1,2,3-Trichlorobenzene	9.95		"	10.0		99.5	66.1-136				
1,2,3-Trichloropropane	9.36		"	10.0		93.6	63-131				
1,2,4-Trichlorobenzene	10.3		"	10.0		103	70.6-136				
1,2,4-Trimethylbenzene	10.2		"	10.0		102	75.3-135				
1,2-Dibromo-3-chloropropane	12.2		"	10.0		122	58.9-140				
1,2-Dibromoethane	10.2		"	10.0		102	79-130				
1,2-Dichlorobenzene	9.99		"	10.0		99.9	76.1-122				
1,2-Dichloroethane	10.3		"	10.0		103	74.6-132				
1,2-Dichloropropane	9.06		"	10.0		90.6	76.9-129				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	70.6-127				
1,3-Dichlorobenzene	10.8		"	10.0		108	77-124				
1,3-Dichloropropane	9.09		"	10.0		90.9	75.8-126				
1,4-Dichlorobenzene	10.2		"	10.0		102	76.6-125				
2,2-Dichloropropane	12.3		"	10.0		123	69-133				
2-Chlorotoluene	9.86		"	10.0		98.6	66.3-119				
2-Hexanone	7.88		"	10.0		78.8	70-130				
4-Chlorotoluene	9.95		"	10.0		99.5	69.2-127				
Acetone	6.92		"	10.0		69.2	70-130	Low Bias			
Benzene	10.6		"	10.0		106	76.2-129				
Bromobenzene	9.74		"	10.0		97.4	71.3-123				
Bromochloromethane	10.2		"	10.0		102	70.8-137				
Bromodichloromethane	10.1		"	10.0		101	79.7-134				
Bromoform	12.8		"	10.0		128	70.5-141				
Bromomethane	8.20		"	10.0		82.0	43.9-147				
Carbon tetrachloride	13.0		"	10.0		130	78.1-138				
Chlorobenzene	9.87		"	10.0		98.7	80.4-125				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30798 - EPA 5030B											
LCS (BF30798-BS1)								Prepared & Analyzed: 06/18/2013			
Chloroethane	8.92		ug/L	10.0		89.2	55.8-140				
Chloroform	10.9		"	10.0		109	76.6-133				
Chloromethane	8.58		"	10.0		85.8	48.8-115				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	75.1-128				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128				
Dibromochloromethane	12.0		"	10.0		120	79.8-134				
Dibromomethane	9.10		"	10.0		91.0	79-130				
Dichlorodifluoromethane	11.2		"	10.0		112	47.1-101	High Bias			
Ethyl Benzene	10.2		"	10.0		102	80.8-128				
Hexachlorobutadiene	11.9		"	10.0		119	64.8-128				
Isopropylbenzene	10.8		"	10.0		108	75.5-135				
Methyl tert-butyl ether (MTBE)	8.89		"	10.0		88.9	65.1-140				
Methylene chloride	6.51		"	10.0		65.1	61.3-120				
Naphthalene	9.00		"	10.0		90.0	62.3-148				
n-Butylbenzene	9.09		"	10.0		90.9	67.2-123				
n-Propylbenzene	10.2		"	10.0		102	70.5-127				
o-Xylene	9.54		"	10.0		95.4	75.9-122				
p- & m- Xylenes	20.3		"	20.0		101	77.7-127				
p-Isopropyltoluene	10.9		"	10.0		109	75.6-129				
sec-Butylbenzene	10.6		"	10.0		106	71.5-125				
Styrene	9.99		"	10.0		99.9	77.8-123				
tert-Butylbenzene	10.9		"	10.0		109	75.9-151				
Tetrachloroethylene	11.0		"	10.0		110	63.6-167				
Toluene	9.59		"	10.0		95.9	77-123				
trans-1,2-Dichloroethylene	8.96		"	10.0		89.6	76.3-139				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137				
Trichloroethylene	10.1		"	10.0		101	77.9-130				
Trichlorofluoromethane	9.60		"	10.0		96.0	57.4-133				
Vinyl Chloride	8.83		"	10.0		88.3	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.96*		*"*	*10.0*		*99.6*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.7*		*"*	*10.0*		*117*	*63.5-145*				
Surrogate: Toluene-d8	*9.59*		*"*	*10.0*		*95.9*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30798 - EPA 5030B											
LCS Dup (BF30798-BSD1)								Prepared & Analyzed: 06/18/2013			
1,1,1,2-Tetrachloroethane	11.4		ug/L	10.0		114	82.3-130		4.12	21.1	
1,1,1-Trichloroethane	12.5		"	10.0		125	75.6-137		3.33	19.7	
1,1,2,2-Tetrachloroethane	9.85		"	10.0		98.5	71.3-131		7.04	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.71		"	10.0		97.1	71.1-129		5.83	21.7	
1,1,2-Trichloroethane	9.21		"	10.0		92.1	74.5-129		5.47	20.3	
1,1-Dichloroethane	9.21		"	10.0		92.1	79.6-132		4.77	20.6	
1,1-Dichloroethylene	8.79		"	10.0		87.9	80.2-146		3.00	20	
1,1-Dichloropropylene	10.4		"	10.0		104	75-136		0.483	19.3	
1,2,3-Trichlorobenzene	11.9		"	10.0		119	66.1-136		17.5	21.6	
1,2,3-Trichloropropane	10.4		"	10.0		104	63-131		10.6	23.9	
1,2,4-Trichlorobenzene	11.5		"	10.0		115	70.6-136		11.2	21.7	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	75.3-135		4.13	18.8	
1,2-Dibromo-3-chloropropane	9.74		"	10.0		97.4	58.9-140		22.1	27.7	
1,2-Dibromoethane	10.4		"	10.0		104	79-130		2.43	23	
1,2-Dichlorobenzene	10.7		"	10.0		107	76.1-122		7.05	19.8	
1,2-Dichloroethane	10.1		"	10.0		101	74.6-132		2.75	20.2	
1,2-Dichloropropane	9.24		"	10.0		92.4	76.9-129		1.97	20.7	
1,3,5-Trimethylbenzene	10.7		"	10.0		107	70.6-127		3.43	18.9	
1,3-Dichlorobenzene	11.3		"	10.0		113	77-124		5.08	19.2	
1,3-Dichloropropane	9.15		"	10.0		91.5	75.8-126		0.658	22.1	
1,4-Dichlorobenzene	11.0		"	10.0		110	76.6-125		7.67	18.6	
2,2-Dichloropropane	12.2		"	10.0		122	69-133		0.899	19.8	
2-Chlorotoluene	10.3		"	10.0		103	66.3-119		4.56	21.6	
2-Hexanone	8.55		"	10.0		85.5	70-130		8.16	30	
4-Chlorotoluene	10.5		"	10.0		105	69.2-127		5.28	19	
Acetone	7.01		"	10.0		70.1	70-130		1.29	30	
Benzene	10.7		"	10.0		107	76.2-129		0.564	19	
Bromobenzene	10.2		"	10.0		102	71.3-123		4.12	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		1.28	23.9	
Bromodichloromethane	10.2		"	10.0		102	79.7-134		0.982	21	
Bromoform	14.1		"	10.0		141	70.5-141		9.23	21.8	
Bromomethane	8.87		"	10.0		88.7	43.9-147		7.85	28.4	
Carbon tetrachloride	13.3		"	10.0		133	78.1-138		1.97	20.1	
Chlorobenzene	10.0		"	10.0		100	80.4-125		1.71	19.9	
Chloroethane	9.21		"	10.0		92.1	55.8-140		3.20	23.3	
Chloroform	10.8		"	10.0		108	76.6-133		0.552	20.3	
Chloromethane	9.17		"	10.0		91.7	48.8-115		6.65	24.5	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	75.1-128		1.33	20.5	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128		1.81	19.9	
Dibromochloromethane	11.9		"	10.0		119	79.8-134		0.586	21.3	
Dibromomethane	8.99		"	10.0		89.9	79-130		1.22	22.4	
Dichlorodifluoromethane	11.7		"	10.0		117	47.1-101	High Bias	4.29	23.9	
Ethyl Benzene	10.4		"	10.0		104	80.8-128		2.14	19.2	
Hexachlorobutadiene	13.2		"	10.0		132	64.8-128	High Bias	10.7	20.6	
Isopropylbenzene	11.2		"	10.0		112	75.5-135		3.36	20	
Methyl tert-butyl ether (MTBE)	8.28		"	10.0		82.8	65.1-140		7.11	23.6	
Methylene chloride	6.59		"	10.0		65.9	61.3-120		1.22	20.4	
Naphthalene	11.1		"	10.0		111	62.3-148		20.5	27.1	
n-Butylbenzene	9.75		"	10.0		97.5	67.2-123		7.01	19.1	
n-Propylbenzene	10.6		"	10.0		106	70.5-127		3.45	23.4	
o-Xylene	9.73		"	10.0		97.3	75.9-122		1.97	19.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

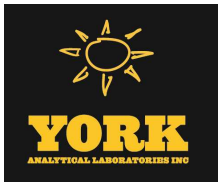
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30798 - EPA 5030B											
LCS Dup (BF30798-BSD1)								Prepared & Analyzed: 06/18/2013			
p- & m- Xylenes	20.6		ug/L	20.0		103	77.7-127		1.71	18.6	
p-Isopropyltoluene	11.4		"	10.0		114	75.6-129		4.94	19.1	
sec-Butylbenzene	11.2		"	10.0		112	71.5-125		5.31	18.9	
Styrene	10.4		"	10.0		104	77.8-123		4.50	20.9	
tert-Butylbenzene	11.4		"	10.0		114	75.9-151		4.50	20.9	
Tetrachloroethylene	11.3		"	10.0		113	63.6-167		2.42	27.7	
Toluene	9.74		"	10.0		97.4	77-123		1.55	18.7	
trans-1,2-Dichloroethylene	8.29		"	10.0		82.9	76.3-139		7.77	19.5	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	72.5-137		1.76	19.3	
Trichloroethylene	10.4		"	10.0		104	77.9-130		2.74	20.5	
Trichlorofluoromethane	10.2		"	10.0		102	57.4-133		6.45	21.4	
Vinyl Chloride	9.36		"	10.0		93.6	54.9-124		5.83	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.52*		*"*	*10.0*		*95.2*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.8*		*"*	*10.0*		*118*	*63.5-145*				
Surrogate: Toluene-d8	*9.30*		*"*	*10.0*		*93.0*	*81.2-127*				
Batch BF30851 - EPA 5030B											
Blank (BF30851-BLK1)								Prepared & Analyzed: 06/19/2013			
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	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
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	"								
Carbon tetrachloride	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30851 - EPA 5030B											
Blank (BF30851-BLK1)											
Prepared & Analyzed: 06/19/2013											
Chlorobenzene	ND	0.50	ug/L								
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	"								
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*13.0*		*"*	*10.0*		*130*	*63.5-145*				
Surrogate: Toluene-d8	*9.35*		*"*	*10.0*		*93.5*	*81.2-127*				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30851 - EPA 5030B											
LCS (BF30851-BS1)							Prepared & Analyzed: 06/19/2013				
1,1,1,2-Tetrachloroethane	11.5		ug/L	10.0		115	82.3-130				
1,1,1-Trichloroethane	12.3		"	10.0		123	75.6-137				
1,1,2,2-Tetrachloroethane	9.49		"	10.0		94.9	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.44		"	10.0		94.4	71.1-129				
1,1,2-Trichloroethane	9.44		"	10.0		94.4	74.5-129				
1,1-Dichloroethane	9.24		"	10.0		92.4	79.6-132				
1,1-Dichloroethylene	8.58		"	10.0		85.8	80.2-146				
1,1-Dichloropropylene	10.3		"	10.0		103	75-136				
1,2,3-Trichlorobenzene	11.9		"	10.0		119	66.1-136				
1,2,3-Trichloropropane	10.0		"	10.0		100	63-131				
1,2,4-Trichlorobenzene	11.7		"	10.0		117	70.6-136				
1,2,4-Trimethylbenzene	9.89		"	10.0		98.9	75.3-135				
1,2-Dibromo-3-chloropropane	9.48		"	10.0		94.8	58.9-140				
1,2-Dibromoethane	11.0		"	10.0		110	79-130				
1,2-Dichlorobenzene	10.1		"	10.0		101	76.1-122				
1,2-Dichloroethane	10.7		"	10.0		107	74.6-132				
1,2-Dichloropropane	9.35		"	10.0		93.5	76.9-129				
1,3,5-Trimethylbenzene	9.88		"	10.0		98.8	70.6-127				
1,3-Dichlorobenzene	10.7		"	10.0		107	77-124				
1,3-Dichloropropane	9.47		"	10.0		94.7	75.8-126				
1,4-Dichlorobenzene	10.5		"	10.0		105	76.6-125				
2,2-Dichloropropane	11.8		"	10.0		118	69-133				
2-Chlorotoluene	9.42		"	10.0		94.2	66.3-119				
2-Hexanone	9.53		"	10.0		95.3	70-130				
4-Chlorotoluene	9.69		"	10.0		96.9	69.2-127				
Acetone	7.42		"	10.0		74.2	70-130				
Benzene	10.9		"	10.0		109	76.2-129				
Bromobenzene	9.70		"	10.0		97.0	71.3-123				
Bromochloromethane	10.5		"	10.0		105	70.8-137				
Bromodichloromethane	10.6		"	10.0		106	79.7-134				
Bromoform	13.6		"	10.0		136	70.5-141				
Bromomethane	7.90		"	10.0		79.0	43.9-147				
Carbon tetrachloride	13.2		"	10.0		132	78.1-138				
Chlorobenzene	10.1		"	10.0		101	80.4-125				
Chloroethane	8.82		"	10.0		88.2	55.8-140				
Chloroform	11.0		"	10.0		110	76.6-133				
Chloromethane	8.42		"	10.0		84.2	48.8-115				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	75.1-128				
cis-1,3-Dichloropropylene	10.9		"	10.0		109	74.5-128				
Dibromochloromethane	12.5		"	10.0		125	79.8-134				
Dibromomethane	9.69		"	10.0		96.9	79-130				
Dichlorodifluoromethane	9.56		"	10.0		95.6	47.1-101				
Ethyl Benzene	10.2		"	10.0		102	80.8-128				
Hexachlorobutadiene	12.4		"	10.0		124	64.8-128				
Isopropylbenzene	10.2		"	10.0		102	75.5-135				
Methyl tert-butyl ether (MTBE)	9.94		"	10.0		99.4	65.1-140				
Methylene chloride	6.68		"	10.0		66.8	61.3-120				
Naphthalene	11.1		"	10.0		111	62.3-148				
n-Butylbenzene	9.19		"	10.0		91.9	67.2-123				
n-Propylbenzene	9.74		"	10.0		97.4	70.5-127				
o-Xylene	9.64		"	10.0		96.4	75.9-122				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30851 - EPA 5030B											
LCS (BF30851-BS1)							Prepared & Analyzed: 06/19/2013				
p- & m- Xylenes	20.2		ug/L	20.0		101	77.7-127				
p-Isopropyltoluene	10.6		"	10.0		106	75.6-129				
sec-Butylbenzene	10.3		"	10.0		103	71.5-125				
Styrene	10.3		"	10.0		103	77.8-123				
tert-Butylbenzene	10.4		"	10.0		104	75.9-151				
Tetrachloroethylene	11.2		"	10.0		112	63.6-167				
Toluene	9.63		"	10.0		96.3	77-123				
trans-1,2-Dichloroethylene	9.04		"	10.0		90.4	76.3-139				
trans-1,3-Dichloropropylene	10.8		"	10.0		108	72.5-137				
Trichloroethylene	10.3		"	10.0		103	77.9-130				
Trichlorofluoromethane	9.48		"	10.0		94.8	57.4-133				
Vinyl Chloride	8.76		"	10.0		87.6	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.3*		*"*	*10.0*		*113*	*63.5-145*				
Surrogate: Toluene-d8	*9.32*		*"*	*10.0*		*93.2*	*81.2-127*				
LCS Dup (BF30851-BSD1)							Prepared & Analyzed: 06/19/2013				
1,1,1,2-Tetrachloroethane	11.4		ug/L	10.0		114	82.3-130		0.961	21.1	
1,1,1-Trichloroethane	11.9		"	10.0		119	75.6-137		3.31	19.7	
1,1,2,2-Tetrachloroethane	9.45		"	10.0		94.5	71.3-131		0.422	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.73		"	10.0		87.3	71.1-129		7.82	21.7	
1,1,2-Trichloroethane	9.23		"	10.0		92.3	74.5-129		2.25	20.3	
1,1-Dichloroethane	9.59		"	10.0		95.9	79.6-132		3.72	20.6	
1,1-Dichloroethylene	8.12		"	10.0		81.2	80.2-146		5.51	20	
1,1-Dichloropropylene	10.0		"	10.0		100	75-136		2.75	19.3	
1,2,3-Trichlorobenzene	10.5		"	10.0		105	66.1-136		12.4	21.6	
1,2,3-Trichloropropane	9.93		"	10.0		99.3	63-131		0.802	23.9	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136		8.17	21.7	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	75.3-135		4.93	18.8	
1,2-Dibromo-3-chloropropane	8.77		"	10.0		87.7	58.9-140		7.78	27.7	
1,2-Dibromoethane	10.4		"	10.0		104	79-130		5.63	23	
1,2-Dichlorobenzene	10.1		"	10.0		101	76.1-122		0.0988	19.8	
1,2-Dichloroethane	10.3		"	10.0		103	74.6-132		4.38	20.2	
1,2-Dichloropropane	9.02		"	10.0		90.2	76.9-129		3.59	20.7	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	70.6-127		5.03	18.9	
1,3-Dichlorobenzene	11.0		"	10.0		110	77-124		2.12	19.2	
1,3-Dichloropropane	9.35		"	10.0		93.5	75.8-126		1.28	22.1	
1,4-Dichlorobenzene	10.4		"	10.0		104	76.6-125		0.191	18.6	
2,2-Dichloropropane	11.8		"	10.0		118	69-133		0.254	19.8	
2-Chlorotoluene	9.97		"	10.0		99.7	66.3-119		5.67	21.6	
2-Hexanone	8.28		"	10.0		82.8	70-130		14.0	30	
4-Chlorotoluene	10.2		"	10.0		102	69.2-127		4.83	19	
Acetone	6.53		"	10.0		65.3	70-130	Low Bias	12.8	30	
Benzene	10.6		"	10.0		106	76.2-129		2.87	19	
Bromobenzene	9.87		"	10.0		98.7	71.3-123		1.74	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		4.08	23.9	
Bromodichloromethane	10.4		"	10.0		104	79.7-134		2.19	21	
Bromoform	13.4		"	10.0		134	70.5-141		1.63	21.8	
Bromomethane	7.66		"	10.0		76.6	43.9-147		3.08	28.4	
Carbon tetrachloride	12.7		"	10.0		127	78.1-138		3.87	20.1	
Chlorobenzene	10.0		"	10.0		100	80.4-125		0.596	19.9	
Chloroethane	8.32		"	10.0		83.2	55.8-140		5.83	23.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30851 - EPA 5030B											
LCS Dup (BF30851-BSD1)								Prepared & Analyzed: 06/19/2013			
Chloroform	10.8		ug/L	10.0		108	76.6-133		1.92	20.3	
Chloromethane	8.09		"	10.0		80.9	48.8-115		4.00	24.5	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	75.1-128		2.36	20.5	
cis-1,3-Dichloropropylene	10.8		"	10.0		108	74.5-128		0.827	19.9	
Dibromochloromethane	12.1		"	10.0		121	79.8-134		3.00	21.3	
Dibromomethane	9.34		"	10.0		93.4	79-130		3.68	22.4	
Dichlorodifluoromethane	9.90		"	10.0		99.0	47.1-101		3.49	23.9	
Ethyl Benzene	10.3		"	10.0		103	80.8-128		0.487	19.2	
Hexachlorobutadiene	12.3		"	10.0		123	64.8-128		1.30	20.6	
Isopropylbenzene	11.0		"	10.0		110	75.5-135		6.99	20	
Methyl tert-butyl ether (MTBE)	8.51		"	10.0		85.1	65.1-140		15.5	23.6	
Methylene chloride	6.57		"	10.0		65.7	61.3-120		1.66	20.4	
Naphthalene	9.43		"	10.0		94.3	62.3-148		16.4	27.1	
n-Butylbenzene	9.47		"	10.0		94.7	67.2-123		3.00	19.1	
n-Propylbenzene	10.4		"	10.0		104	70.5-127		6.07	23.4	
o-Xylene	9.72		"	10.0		97.2	75.9-122		0.826	19.3	
p- & m- Xylenes	20.6		"	20.0		103	77.7-127		1.67	18.6	
p-Isopropyltoluene	11.1		"	10.0		111	75.6-129		4.90	19.1	
sec-Butylbenzene	10.9		"	10.0		109	71.5-125		5.20	18.9	
Styrene	10.4		"	10.0		104	77.8-123		0.677	20.9	
tert-Butylbenzene	10.8		"	10.0		108	75.9-151		3.95	20.9	
Tetrachloroethylene	11.2		"	10.0		112	63.6-167		0.0894	27.7	
Toluene	9.70		"	10.0		97.0	77-123		0.724	18.7	
trans-1,2-Dichloroethylene	8.57		"	10.0		85.7	76.3-139		5.34	19.5	
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137		3.87	19.3	
Trichloroethylene	10.1		"	10.0		101	77.9-130		1.77	20.5	
Trichlorofluoromethane	9.15		"	10.0		91.5	57.4-133		3.54	21.4	
Vinyl Chloride	8.35		"	10.0		83.5	54.9-124		4.79	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.81*		*"*	*10.0*		*98.1*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*63.5-145*				
Surrogate: Toluene-d8	*9.37*		*"*	*10.0*		*93.7*	*81.2-127*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0497-01	WQ061213:1730FRW1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0497-02	WQ061213:1735FRW2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0497-03	WQ061213:1740FRW3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0497-04	WQ061213:1745FRW4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

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

York Project No. 13F0497

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: LBG	SAME ☐	SAME ☐	Rowe Industries	RUSH Same Day	Summary x, pdf
Address: 4 Research Drive, Suite 301, Shelton CT, 06484	Name: Tunde Sandor	Name: Mark Goldberg		RUSH Next Day	QA/QC Summary x, pdf
Phone no.: 203-929-8555	Company: Same	Company: Same		RUSH Two Day	CT RCP Pkg
Contact Person Tunde Sandor	Address:	Address:	Purchase Order no. NABSAG	RUSH Three Day	ASP A Pkg
E-mail Addr.: Tsandor@lbgct.com	E-mail:	E-mail		RUSH Four Day	ASP B Pkg x, pdf
FAX No.: 203-926-9140	Fax No.:	Fax No.:	Samples from: CT__ NY__ NJ__	Standard (5-7 days) X	Excel
				OTHER	EDD x, Excel

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

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ061213:1730FRW1	6/12/13 1230	GW	VOC 8260 full list (EPA SW846-8260B)	3V
WQ061213:1735FRW2	1735	GW	VOC 8260 full list (EPA SW846-8260B)	3V
WQ061213:1740FRW3	1740	GW	VOC 8260 full list (EPA SW846-8260B)	3V
WQ061213:1745FRW4	1745	GW	VOC 8260 full list (EPA SW846-8260B)	3V
		GW	VOC 8260 full list (EPA SW846-8260B)	
		GW	VOC 8260 full list (EPA SW846-8260B)	
		GW	VOC 8260 full list (EPA SW846-8260B)	
		GW	VOC 8260 full list (EPA SW846-8260B)	

Comments

Preservation "X" those applicable: Cool 4°C ___ HNO3 ___ H2SO4 ___ NaOH ___ NONE ___ FROZEN ___

Samples Relinquished By — Date/Time: 6/14/13 1530
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time: 6-14-13 15:30
Samples Received in LAB by — Date/Time: 6/14/13-1600

Temperature on Receipt: 4.1 °C

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 06/24/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0589

Report Date: 06/24/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0589

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 18, 2013 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13F0589-01	WQ061713:1030FRW1	Water	06/17/2013	06/18/2013
13F0589-02	WQ061713:1035FRW2	Water	06/17/2013	06/18/2013
13F0589-03	WQ061713:1040FRW3	Water	06/17/2013	06/18/2013
13F0589-04	WQ061713:1045FRW4	Water	06/17/2013	06/18/2013

General Notes for York Project (SDG) No.: 13F0589

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 ples submitted on the attached chain-of-custody form(s) received by York.

Approved By: **Date:** 06/24/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ061713:1030FRW1 **York Sample ID:** 13F0589-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0589	Rowe Industries	Water	June 17, 2013 10:30 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
71-55-6	1,1,1-Trichloroethane	**3.5**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS

Sample Information

Client Sample ID: WQ061713:1030FRW1 **York Sample ID:** 13F0589-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0589	Rowe Industries	Water	June 17, 2013 10:30 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
156-59-2	cis-1,2-Dichloroethylene	**8.7**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
127-18-4	Tetrachloroethylene	**310**		ug/L	4.0	10	20	EPA SW846-8260B	06/20/2013 09:10	06/21/2013 15:01	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
79-01-6	Trichloroethylene	**4.8**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 12:31	SS

Sample Information

Client Sample ID: WQ061713:1035FRW2 **York Sample ID:** 13F0589-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0589	Rowe Industries	Water	June 17, 2013 10:35 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
71-55-6	1,1,1-Trichloroethane	**1.7**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
75-34-3	1,1-Dichloroethane	**0.70**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
71-43-2	Benzene	**0.21**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS

Sample Information

Client Sample ID: WQ061713:1035FRW2 **York Sample ID:** 13F0589-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0589	Rowe Industries	Water	June 17, 2013 10:35 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
156-59-2	cis-1,2-Dichloroethylene	**14**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
127-18-4	Tetrachloroethylene	**210**		ug/L	2.0	5.0	10	EPA SW846-8260B	06/20/2013 09:10	06/21/2013 15:42	SS
108-88-3	Toluene	**0.21**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
79-01-6	Trichloroethylene	**9.8**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
75-01-4	Vinyl Chloride	**1.0**		ug/L	0.50	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:12	SS

Sample Information

Client Sample ID: WQ061713:1040FRW3 **York Sample ID:** 13F0589-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0589	Rowe Industries	Water	June 17, 2013 10:40 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
71-55-6	1,1,1-Trichloroethane	**3.6**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
75-34-3	1,1-Dichloroethane	**0.79**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
78-87-5	1,2-Dichloropropane	**0.40**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
67-64-1	Acetone	**4.1**		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS

Sample Information

Client Sample ID: WQ061713:1040FRW3 **York Sample ID:** 13F0589-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0589	Rowe Industries	Water	June 17, 2013 10:40 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
156-59-2	cis-1,2-Dichloroethylene	**70**		ug/L	2.0	5.0	10	EPA SW846-8260B	06/20/2013 09:10	06/21/2013 16:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
98-82-8	Isopropylbenzene	**1.6**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
103-65-1	n-Propylbenzene	**0.87**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
127-18-4	Tetrachloroethylene	**230**		ug/L	2.0	5.0	10	EPA SW846-8260B	06/20/2013 09:10	06/21/2013 16:22	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
79-01-6	Trichloroethylene	**18**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
75-01-4	Vinyl Chloride	**5.4**		ug/L	0.50	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 13:52	SS

Sample Information

Client Sample ID: WQ061713:1045FRW4 **York Sample ID:** 13F0589-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0589	Rowe Industries	Water	June 17, 2013 10:45 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
71-55-6	1,1,1-Trichloroethane	**0.22**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS

Sample Information

Client Sample ID: WQ061713:1045FRW4 **York Sample ID:** 13F0589-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0589	Rowe Industries	Water	June 17, 2013 10:45 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
156-59-2	cis-1,2-Dichloroethylene	**3.0**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
127-18-4	Tetrachloroethylene	**12**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
79-01-6	Trichloroethylene	**2.1**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/21/2013 11:10	06/21/2013 19:04	SS

Analytical Batch Summary

Batch ID: BF30918 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13F0589-01	WQ061713:1030FRW1	06/20/13
13F0589-02	WQ061713:1035FRW2	06/20/13
13F0589-03	WQ061713:1040FRW3	06/20/13

Batch ID: BF30984 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13F0589-01RE1	WQ061713:1030FRW1	06/21/13
13F0589-02RE1	WQ061713:1035FRW2	06/21/13
13F0589-03RE1	WQ061713:1040FRW3	06/21/13
13F0589-04	WQ061713:1045FRW4	06/21/13

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

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0589-01	WQ061713:1030FRW1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0589-02	WQ061713:1035FRW2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0589-03	WQ061713:1040FRW3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0589-04	WQ061713:1045FRW4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

J — Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.

ND — Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.

RL — REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

MDL — METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.

NR — Not reported

RPD — Relative Percent Difference

Wet — The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 13F0589

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: LBG	SAME ☐	SAME ☐	Rowe Industries	RUSH Same Day ___	Summary x, pdf
Address: 4 Research Drive, Suite 301, Shelton CT, 06484	Name: Tunde Sandor	Name: Mark Goldberg		RUSH Next Day ___	QA/QC Summary x, pdf
Phone no.: 203-929-8555	Company: Same	Company: Same		RUSH Two Day ___	CT RCP Pkg ___
Contact Person Tunde Sandor	Address: ___	Address: ___	Purchase Order no. NABSAG	RUSH Three Day ___	ASP A Pkg ___
E-mail Addr.: Tsandor@lbgct.com	E-mail: ___	E-mail ___		RUSH Four Day ___	ASP B Pkg x, pdf
FAX No.: 203-926-9140	Fax No.: ___	Fax No.: ___	Samples from: CT__ NY__ NJ__	Standard (5-7 days) X	Excel ___
				OTHER ___	EDD x, Excel

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

Samples Collected/Authorized By (Signature)

Stephen Hnat
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ061713:1030FRW1	6/17/13 1030	GW	VOC 8260 full list (EPA SW846-8260B)	3v
WQ061713:1035FRW2	" 1035	GW	VOC 8260 full list (EPA SW846-8260B)	3v
WQ061713:1040FRW3	" 1040	GW	VOC 8260 full list (EPA SW846-8260B)	3v
WQ061713:1045FRW4	" 1045	GW	VOC 8260 full list (EPA SW846-8260B)	3v
		~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	
		~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	
		~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	
		~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	

Comments

Preservation "X" those applicable: Cool 4°C ___ HNO3 ___ H2SO4 ___ NaOH ___ NONE ___ FROZEN ___

Samples Relinquished By: Nathalie Vera 6/18/13 12:30 — Date/Time

Samples Relinquished By: ___ Date/Time

Samples Received By: [signature] 6/18/13 1215 — Date/Time

Samples Received in LAB by: Grace 6-18-13 1550 — Date/Time

Temperature on Receipt: 3.7 °C

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 06/20/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0586

Report Date: 06/20/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0586

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 18, 2013 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13F0586-01	GWQ061713:1100NP1-1-2	Water	06/17/2013	06/18/2013
13F0586-02	GWQ061713:1027NP1-1-3	Water	06/17/2013	06/18/2013
13F0586-03	GWQ061713:1110NP1-1-4	Water	06/17/2013	06/18/2013
13F0586-04	GWQ061713:1112NP1-1-5	Water	06/17/2013	06/18/2013
13F0586-05	GWQ061713:1120NP1-1-6	Water	06/17/2013	06/18/2013
13F0586-06	GWQ061713:1130NP1-1-7	Water	06/17/2013	06/18/2013
13F0586-07	GWQ061713:1153NP1-1-8	Water	06/17/2013	06/18/2013
13F0586-08	GWQ061713:1253NP1-1-9	Water	06/17/2013	06/18/2013

General Notes for York Project (SDG) No.: 13F0586

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

Approved By: 

Date: 06/20/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: GWQ061713:1100NP1-1-2 **York Sample ID:** 13F0586-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:00 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
71-55-6	1,1,1-Trichloroethane	**0.28**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS

Sample Information

Client Sample ID: GWQ061713:1100NP1-1-2 **York Sample ID:** 13F0586-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:00 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
156-59-2	cis-1,2-Dichloroethylene	**0.39**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
127-18-4	Tetrachloroethylene	**0.68**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
79-01-6	Trichloroethylene	**0.51**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:02	SS

Sample Information

Client Sample ID: GWQ061713:1100NP1-1-2 **York Sample ID:** 13F0586-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:00 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*			*72.6-129*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*123 %*			*63.5-145*						
2037-26-5	*Surrogate: Toluene-d8*	*92.5 %*			*81.2-127*						

Sample Information

Client Sample ID: GWQ061713:1027NP1-1-3 **York Sample ID:** 13F0586-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 10:27 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS

Sample Information

Client Sample ID: GWQ061713:1027NP1-1-3 **York Sample ID:** 13F0586-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 10:27 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS

Sample Information

Client Sample ID: GWQ061713:1027NP1-1-3 **York Sample ID:** 13F0586-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 10:27 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 02:43	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*120 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*93.6 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ061713:1110NP1-1-4 **York Sample ID:** 13F0586-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:10 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
71-55-6	1,1,1-Trichloroethane	**3.8**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
75-34-3	1,1-Dichloroethane	**0.78**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS

Sample Information

Client Sample ID: GWQ061713:1110NP1-1-4 **York Sample ID:** 13F0586-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:10 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
67-66-3	Chloroform	**0.25**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS

Sample Information

Client Sample ID: GWQ061713:1110NP1-1-4 **York Sample ID:** 13F0586-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:10 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
127-18-4	Tetrachloroethylene	**0.62**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 03:24	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*126 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*92.4 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ061713:1112NP1-1-5 **York Sample ID:** 13F0586-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:12 am	06/18/2013

Sample Information

Client Sample ID: **GWQ061713:1112NP1-1-5** **York Sample ID:** **13F0586-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:12 am	06/18/2013

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11:	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS

Sample Information

Client Sample ID: GWQ061713:1112NP1-1-5 **York Sample ID:** 13F0586-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:12 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
67-66-3	Chloroform	**0.99**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:05	SS

Sample Information

Client Sample ID: GWQ061713:1112NP1-1-5 **York Sample ID:** 13F0586-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:12 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*			*72.6-129*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*120 %*			*63.5-145*						
2037-26-5	*Surrogate: Toluene-d8*	*91.8 %*			*81.2-127*						

Sample Information

Client Sample ID: GWQ061713:1120NP1-1-6 **York Sample ID:** 13F0586-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:20 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
71-55-6	1,1,1-Trichloroethane	**0.63**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
75-34-3	1,1-Dichloroethane	**0.29**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS

Sample Information

Client Sample ID: GWQ061713:1120NP1-1-6 **York Sample ID:** 13F0586-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:20 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
67-66-3	Chloroform	**0.28**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS

Sample Information

Client Sample ID: GWQ061713:1120NP1-1-6 **York Sample ID:** 13F0586-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:20 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
127-18-4	Tetrachloroethylene	**2.1**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 04:46	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*119 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*93.1 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ061713:1130NP1-1-7 **York Sample ID:** 13F0586-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:30 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
71-55-6	1,1,1-Trichloroethane	**0.20**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS

Sample Information

Client Sample ID: GWQ061713:1130NP1-1-7 **York Sample ID:** 13F0586-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:30 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS

Sample Information

Client Sample ID: GWQ061713:1130NP1-1-7 **York Sample ID:** 13F0586-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:30 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
127-18-4	Tetrachloroethylene	**0.73**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 05:26	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*121 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*92.8 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ061713:1153NP1-1-8 **York Sample ID:** 13F0586-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:53 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GWQ061713:1153NP1-1-8 **York Sample ID:** 13F0586-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:53 am	06/18/2013

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS

Sample Information

Client Sample ID: GWQ061713:1153NP1-1-8 **York Sample ID:** 13F0586-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:53 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:08	SS

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: GWQ061713:1153NP1-1-8 **York Sample ID:** 13F0586-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 11:53 am	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*112 %*			*72.6-129*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*121 %*			*63.5-145*						
2037-26-5	*Surrogate: Toluene-d8*	*92.3 %*			*81.2-127*						

Sample Information

Client Sample ID: GWQ061713:1253NP1-1-9 **York Sample ID:** 13F0586-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 12:53 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS

Sample Information

Client Sample ID: GWQ061713:1253NP1-1-9 **York Sample ID:** 13F0586-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 12:53 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS

Sample Information

Client Sample ID: GWQ061713:1253NP1-1-9 **York Sample ID:** 13F0586-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0586	Rowe Industries	Water	June 17, 2013 12:53 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/19/2013 12:40	06/20/2013 06:49	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*126 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*92.7 %*	*81.2-127*

Analytical Batch Summary

Batch ID: BF30889 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13F0586-01	GWQ061713:1100NP1-1-2	06/19/13
13F0586-02	GWQ061713:1027NP1-1-3	06/19/13
13F0586-03	GWQ061713:1110NP1-1-4	06/19/13
13F0586-04	GWQ061713:1112NP1-1-5	06/19/13
13F0586-05	GWQ061713:1120NP1-1-6	06/19/13
13F0586-06	GWQ061713:1130NP1-1-7	06/19/13
13F0586-07	GWQ061713:1153NP1-1-8	06/19/13
13F0586-08	GWQ061713:1253NP1-1-9	06/19/13
BF30889-BLK1	Blank	06/19/13
BF30889-BS1	LCS	06/19/13
BF30889-BSD1	LCS Dup	06/19/13

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30889 - EPA 5030B											
Blank (BF30889-BLK1)											
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	0.23	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
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	1.1	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	"								
o-Xylene	ND	0.50	"								

Prepared: 06/19/2013 Analyzed: 06/20/2013

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30889 - EPA 5030B											
Blank (BF30889-BLK1)								Prepared: 06/19/2013 Analyzed: 06/20/2013			
p- & m- Xylenes	ND	1.0	ug/L								
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	"								
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*12.2*		*"*	*10.0*		*122*	*63.5-145*				
Surrogate: Toluene-d8	*9.47*		*"*	*10.0*		*94.7*	*81.2-127*				
LCS (BF30889-BS1)								Prepared & Analyzed: 06/19/2013			
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130				
1,1,1-Trichloroethane	11.8		"	10.0		118	75.6-137				
1,1,2,2-Tetrachloroethane	9.21		"	10.0		92.1	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.94		"	10.0		89.4	71.1-129				
1,1,2-Trichloroethane	8.54		"	10.0		85.4	74.5-129				
1,1-Dichloroethane	8.93		"	10.0		89.3	79.6-132				
1,1-Dichloroethylene	8.27		"	10.0		82.7	80.2-146				
1,1-Dichloropropylene	10.1		"	10.0		101	75-136				
1,2,3-Trichlorobenzene	11.0		"	10.0		110	66.1-136				
1,2,3-Trichloropropane	9.53		"	10.0		95.3	63-131				
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136				
1,2,4-Trimethylbenzene	9.32		"	10.0		93.2	75.3-135				
1,2-Dibromo-3-chloropropane	8.91		"	10.0		89.1	58.9-140				
1,2-Dibromoethane	9.84		"	10.0		98.4	79-130				
1,2-Dichlorobenzene	9.80		"	10.0		98.0	76.1-122				
1,2-Dichloroethane	9.85		"	10.0		98.5	74.6-132				
1,2-Dichloropropane	8.95		"	10.0		89.5	76.9-129				
1,3,5-Trimethylbenzene	9.16		"	10.0		91.6	70.6-127				
1,3-Dichlorobenzene	10.3		"	10.0		103	77-124				
1,3-Dichloropropane	8.97		"	10.0		89.7	75.8-126				
1,4-Dichlorobenzene	10.0		"	10.0		100	76.6-125				
2,2-Dichloropropane	10.1		"	10.0		101	69-133				
2-Chlorotoluene	9.42		"	10.0		94.2	66.3-119				
2-Hexanone	9.05		"	10.0		90.5	70-130				
4-Chlorotoluene	9.10		"	10.0		91.0	69.2-127				
Acetone	6.94		"	10.0		69.4	70-130	Low Bias			
Benzene	10.6		"	10.0		106	76.2-129				
Bromobenzene	9.61		"	10.0		96.1	71.3-123				
Bromochloromethane	9.71		"	10.0		97.1	70.8-137				
Bromodichloromethane	10.0		"	10.0		100	79.7-134				
Bromoform	12.6		"	10.0		126	70.5-141				
Bromomethane	8.27		"	10.0		82.7	43.9-147				
Carbon tetrachloride	12.5		"	10.0		125	78.1-138				
Chlorobenzene	9.71		"	10.0		97.1	80.4-125				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30889 - EPA 5030B											
LCS (BF30889-BS1)								Prepared & Analyzed: 06/19/2013			
Chloroethane	8.87		ug/L	10.0		88.7	55.8-140				
Chloroform	10.5		"	10.0		105	76.6-133				
Chloromethane	9.44		"	10.0		94.4	48.8-115				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	74.5-128				
Dibromochloromethane	11.7		"	10.0		117	79.8-134				
Dibromomethane	8.91		"	10.0		89.1	79-130				
Dichlorodifluoromethane	12.5		"	10.0		125	47.1-101	High Bias			
Ethyl Benzene	9.80		"	10.0		98.0	80.8-128				
Hexachlorobutadiene	12.3		"	10.0		123	64.8-128				
Isopropylbenzene	10.3		"	10.0		103	75.5-135				
Methyl tert-butyl ether (MTBE)	8.70		"	10.0		87.0	65.1-140				
Methylene chloride	6.24		"	10.0		62.4	61.3-120				
Naphthalene	10.6		"	10.0		106	62.3-148				
n-Butylbenzene	9.00		"	10.0		90.0	67.2-123				
n-Propylbenzene	9.67		"	10.0		96.7	70.5-127				
o-Xylene	9.20		"	10.0		92.0	75.9-122				
p- & m- Xylenes	19.5		"	20.0		97.3	77.7-127				
p-Isopropyltoluene	10.5		"	10.0		105	75.6-129				
sec-Butylbenzene	9.69		"	10.0		96.9	71.5-125				
Styrene	9.79		"	10.0		97.9	77.8-123				
tert-Butylbenzene	10.1		"	10.0		101	75.9-151				
Tetrachloroethylene	10.7		"	10.0		107	63.6-167				
Toluene	9.47		"	10.0		94.7	77-123				
trans-1,2-Dichloroethylene	8.10		"	10.0		81.0	76.3-139				
trans-1,3-Dichloropropylene	9.96		"	10.0		99.6	72.5-137				
Trichloroethylene	10.0		"	10.0		100	77.9-130				
Trichlorofluoromethane	9.96		"	10.0		99.6	57.4-133				
Vinyl Chloride	9.13		"	10.0		91.3	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.90*		*"*	*10.0*		*99.0*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.4*		*"*	*10.0*		*114*	*63.5-145*				
Surrogate: Toluene-d8	*9.40*		*"*	*10.0*		*94.0*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30889 - EPA 5030B											
LCS Dup (BF30889-BSD1)							Prepared & Analyzed: 06/19/2013				
1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0		112	82.3-130		2.44	21.1	
1,1,1-Trichloroethane	11.6		"	10.0		116	75.6-137		2.14	19.7	
1,1,2,2-Tetrachloroethane	9.44		"	10.0		94.4	71.3-131		2.47	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.03		"	10.0		90.3	71.1-129		1.00	21.7	
1,1,2-Trichloroethane	9.19		"	10.0		91.9	74.5-129		7.33	20.3	
1,1-Dichloroethane	8.79		"	10.0		87.9	79.6-132		1.58	20.6	
1,1-Dichloroethylene	8.10		"	10.0		81.0	80.2-146		2.08	20	
1,1-Dichloropropylene	9.82		"	10.0		98.2	75-136		2.71	19.3	
1,2,3-Trichlorobenzene	11.1		"	10.0		111	66.1-136		0.811	21.6	
1,2,3-Trichloropropane	9.71		"	10.0		97.1	63-131		1.87	23.9	
1,2,4-Trichlorobenzene	10.9		"	10.0		109	70.6-136		0.832	21.7	
1,2,4-Trimethylbenzene	9.32		"	10.0		93.2	75.3-135		0.00	18.8	
1,2-Dibromo-3-chloropropane	13.0		"	10.0		130	58.9-140		37.6	27.7	Non-dir.
1,2-Dibromoethane	10.8		"	10.0		108	79-130		9.39	23	
1,2-Dichlorobenzene	9.65		"	10.0		96.5	76.1-122		1.54	19.8	
1,2-Dichloroethane	10.1		"	10.0		101	74.6-132		2.70	20.2	
1,2-Dichloropropane	9.11		"	10.0		91.1	76.9-129		1.77	20.7	
1,3,5-Trimethylbenzene	9.22		"	10.0		92.2	70.6-127		0.653	18.9	
1,3-Dichlorobenzene	10.0		"	10.0		100	77-124		2.65	19.2	
1,3-Dichloropropane	9.53		"	10.0		95.3	75.8-126		6.05	22.1	
1,4-Dichlorobenzene	9.89		"	10.0		98.9	76.6-125		1.21	18.6	
2,2-Dichloropropane	9.66		"	10.0		96.6	69-133		4.55	19.8	
2-Chlorotoluene	8.99		"	10.0		89.9	66.3-119		4.67	21.6	
2-Hexanone	9.98		"	10.0		99.8	70-130		9.77	30	
4-Chlorotoluene	9.14		"	10.0		91.4	69.2-127		0.439	19	
Acetone	7.13		"	10.0		71.3	70-130		2.70	30	
Benzene	10.4		"	10.0		104	76.2-129		1.53	19	
Bromobenzene	9.22		"	10.0		92.2	71.3-123		4.14	20.3	
Bromochloromethane	9.87		"	10.0		98.7	70.8-137		1.63	23.9	
Bromodichloromethane	10.1		"	10.0		101	79.7-134		0.794	21	
Bromoform	13.3		"	10.0		133	70.5-141		5.63	21.8	
Bromomethane	8.38		"	10.0		83.8	43.9-147		1.32	28.4	
Carbon tetrachloride	12.4		"	10.0		124	78.1-138		0.884	20.1	
Chlorobenzene	9.63		"	10.0		96.3	80.4-125		0.827	19.9	
Chloroethane	8.84		"	10.0		88.4	55.8-140		0.339	23.3	
Chloroform	10.6		"	10.0		106	76.6-133		1.05	20.3	
Chloromethane	9.04		"	10.0		90.4	48.8-115		4.33	24.5	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128		2.16	20.5	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128		0.772	19.9	
Dibromochloromethane	12.3		"	10.0		123	79.8-134		4.93	21.3	
Dibromomethane	9.30		"	10.0		93.0	79-130		4.28	22.4	
Dichlorodifluoromethane	12.1		"	10.0		121	47.1-101	High Bias	3.17	23.9	
Ethyl Benzene	9.82		"	10.0		98.2	80.8-128		0.204	19.2	
Hexachlorobutadiene	11.2		"	10.0		112	64.8-128		8.92	20.6	
Isopropylbenzene	9.74		"	10.0		97.4	75.5-135		5.49	20	
Methyl tert-butyl ether (MTBE)	9.42		"	10.0		94.2	65.1-140		7.95	23.6	
Methylene chloride	6.31		"	10.0		63.1	61.3-120		1.12	20.4	
Naphthalene	10.9		"	10.0		109	62.3-148		3.07	27.1	
n-Butylbenzene	8.56		"	10.0		85.6	67.2-123		5.01	19.1	
n-Propylbenzene	9.19		"	10.0		91.9	70.5-127		5.09	23.4	
o-Xylene	9.20		"	10.0		92.0	75.9-122		0.00	19.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30889 - EPA 5030B											
LCS Dup (BF30889-BSD1)								Prepared & Analyzed: 06/19/2013			
p- & m- Xylenes	19.3		ug/L	20.0		96.6	77.7-127		0.722	18.6	
p-Isopropyltoluene	9.93		"	10.0		99.3	75.6-129		5.20	19.1	
sec-Butylbenzene	9.67		"	10.0		96.7	71.5-125		0.207	18.9	
Styrene	9.90		"	10.0		99.0	77.8-123		1.12	20.9	
tert-Butylbenzene	10.1		"	10.0		101	75.9-151		0.495	20.9	
Tetrachloroethylene	10.6		"	10.0		106	63.6-167		0.936	27.7	
Toluene	9.24		"	10.0		92.4	77-123		2.46	18.7	
trans-1,2-Dichloroethylene	7.87		"	10.0		78.7	76.3-139		2.88	19.5	
trans-1,3-Dichloropropylene	10.5		"	10.0		105	72.5-137		5.18	19.3	
Trichloroethylene	9.92		"	10.0		99.2	77.9-130		1.30	20.5	
Trichlorofluoromethane	9.55		"	10.0		95.5	57.4-133		4.20	21.4	
Vinyl Chloride	8.76		"	10.0		87.6	54.9-124		4.14	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*63.5-145*				
Surrogate: Toluene-d8	*9.41*		*"*	*10.0*		*94.1*	*81.2-127*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0586-01	GWQ061713:1100NP1-1-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0586-02	GWQ061713:1027NP1-1-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0586-03	GWQ061713:1110NP1-1-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0586-04	GWQ061713:1112NP1-1-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0586-05	GWQ061713:1120NP1-1-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0586-06	GWQ061713:1130NP1-1-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0586-07	GWQ061713:1153NP1-1-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0586-08	GWQ061713:1253NP1-1-9	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 13F0586

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: LBG	SAME ☐	SAME ☐	Rowe Industries	RUSH Same Day ___	Summary x, pdf
Address: 4 Research Drive, Suite 301, Shelton CT, 06484	Name: Tunde Sandor	Name: Mark Goldberg		RUSH Next Day ___	QA/QC Summary x, pdf
	Company: Same	Company: Same		RUSH Two Day ___	CT RCP Pkg ___
Phone no.: 203-929-8555	Address:	Address:	Purchase Order no.	RUSH Three Day ___	ASP A Pkg ___
Contact Person Tunde Sandor			NABSAG	RUSH Four Day ___	ASP B Pkg x, pdf
E-mail Addr.: Tsandor@lbgct.com	E-mail:	E-mail		Standard (5-7 days) x	Excel ___
FAX No.: 203-926-9140	Fax No.:	Fax No.:	Samples from: CT__ NY__ NJ__	OTHER	EDD x, Excel

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

Samples Collected/Authorized By (Signature)

Stephen Hnat
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded (No Electronic Data)	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded (Full List)	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Au, etc	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GWQ061713:1100NP1-1-2	6/17/13 1100	GW	VOC 8260 full list (EPA SW846-8260B)	3v
GWQ061713:1027NP1-1-3	1027	GW	VOC 8260 full list (EPA SW846-8260B)	
GWQ061713:1110NP1-1-4	1110	GW	VOC 8260 full list (EPA SW846-8260B)	
GWQ061713:1112NP1-1-5	1112	GW	VOC 8260 full list (EPA SW846-8260B)	
GWQ061713:1120NP1-1-6	1120	GW	VOC 8260 full list (EPA SW846-8260B)	
GWQ061713:1130NP1-1-7	1130	GW	VOC 8260 full list (EPA SW846-8260B)	
GWQ061713:1158NP1-1-8	1158	GW	VOC 8260 full list (EPA SW846-8260B)	
GWQ061713:1253NP1-1-9	1253	GW	VOC 8260 full list (EPA SW846-8260B)	

Comments

Preservation "X" those applicable: Cool 4°C ___ HNO3 ___ H2SO4 ___ NaOH ___ NONE ___ FROZEN ___

Samples Relinquished By: Deborah Volo — Date/Time: 6/18/13 12:30

Samples Relinquished By — Date/Time

Samples Received By — Date/Time: 6/18/13

Samples Received in LAB by: Proa — Date/Time: 6-18-13 1550

Temperature on Receipt: 3.7°C

APPENDIX III

JUNE 2013 LABORATORY ANALYTICAL REPORTS FOR AIR SAMPLES

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 07/05/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0942

Report Date: 07/05/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0942

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 27, 2013 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13F0942-01	AQ062513:1130NP4-1	Vapor Extraction	06/25/2013	06/27/2013
13F0942-02	AQ062513:1135NP4-2	Vapor Extraction	06/25/2013	06/27/2013
13F0942-03	AQ062513:1140NP4-3	Vapor Extraction	06/25/2013	06/27/2013

General Notes for York Project (SDG) No.: 13F0942

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 ples submitted on the attached chain-of-custody form(s) received by York.

Approved By: **Date:** 07/05/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: AQ062513:1130NP4-1 **York Sample ID:** 13F0942-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0942	Rowe Industries	Vapor Extraction	June 25, 2013 11:30 am	06/27/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.45	0.45	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.62	0.62	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.48	0.48	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.81	0.81	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.70	0.70	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
108-88-3	Toluene	**1.1**		ug/m³	0.67	0.67	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.52	0.52	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
127-18-4	Tetrachloroethylene	**15**		ug/m³	1.2	1.2	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
100-42-5	Styrene	ND		ug/m³	0.76	0.76	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
115-07-01	Propylene	ND		ug/m³	0.31	0.31	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	4.4	4.4	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
179601-23-1	p- & m- Xylenes	ND		ug/m³	1.5	1.5	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
95-47-6	o-Xylene	ND		ug/m³	0.77	0.77	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
110-54-3	n-Hexane	ND		ug/m³	0.63	0.63	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
142-82-5	n-Heptane	ND		ug/m³	0.73	0.73	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
75-09-2	Methylene chloride	**1.1**	B	ug/m³	0.62	0.62	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.64	0.64	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.73	0.73	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
67-63-0	Isopropanol	ND		ug/m³	0.44	0.44	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.9	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.77	0.77	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.64	0.64	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
110-82-7	Cyclohexane	ND		ug/m³	0.61	0.61	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.81	0.81	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
156-59-2	cis-1,2-Dichloroethylene	**0.98**		ug/m³	0.70	0.70	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
74-87-3	Chloromethane	**1.6**		ug/m³	0.37	0.37	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
67-66-3	Chloroform	ND		ug/m³	0.87	0.87	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
75-00-3	Chloroethane	ND		ug/m³	0.47	0.47	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.56	0.56	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.55	0.55	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
74-83-9	Bromomethane	ND		ug/m³	0.69	0.69	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
75-25-2	Bromoform	ND		ug/m³	1.8	1.8	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD

Sample Information

Client Sample ID: AQ062513:1130NP4-1 **York Sample ID:** 13F0942-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0942	Rowe Industries	Vapor Extraction	June 25, 2013 11:30 am	06/27/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.1	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.92	0.92	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
71-43-2	Benzene	**0.91**		ug/m³	0.57	0.57	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
67-64-1	Acetone	**9.9**		ug/m³	0.42	0.42	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
591-78-6	2-Hexanone	ND		ug/m³	0.73	0.73	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
78-93-3	2-Butanone	**2.7**		ug/m³	0.52	0.52	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.64	0.64	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.77	0.77	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.87	0.87	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.2	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.82	0.82	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.72	0.72	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.87	0.87	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.3	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.70	0.70	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.72	0.72	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**1.4**		ug/m³	1.0	1.0	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.97	0.97	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	1.4	1.4	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.97	0.97	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
75-71-8	Dichlorodifluoromethane	**2.6**		ug/m³	0.88	0.88	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.4	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.73	0.73	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.82	0.82	1.744	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 22:13	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.9 %*	*70-130*

Sample Information

Client Sample ID: AQ062513:1135NP4-2 **York Sample ID:** 13F0942-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0942	Rowe Industries	Vapor Extraction	June 25, 2013 11:35 am	06/27/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.48	0.48	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.67	0.67	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
79-01-6	Trichloroethylene	**3.6**		ug/m³	0.51	0.51	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.86	0.86	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.75	0.75	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
108-88-3	Toluene	ND		ug/m³	0.71	0.71	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.56	0.56	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
127-18-4	Tetrachloroethylene	**83**		ug/m³	1.3	1.3	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
100-42-5	Styrene	ND		ug/m³	0.81	0.81	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
115-07-01	Propylene	ND		ug/m³	0.33	0.33	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	4.6	4.6	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
179601-23-1	p- & m- Xylenes	ND		ug/m³	1.6	1.6	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
95-47-6	o-Xylene	ND		ug/m³	0.82	0.82	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
110-54-3	n-Hexane	ND		ug/m³	0.67	0.67	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
142-82-5	n-Heptane	ND		ug/m³	0.78	0.78	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
75-09-2	Methylene chloride	**1.2**	B	ug/m³	0.66	0.66	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.68	0.68	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.77	0.77	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
67-63-0	Isopropanol	ND		ug/m³	0.46	0.46	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.0	2.0	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.82	0.82	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.68	0.68	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
110-82-7	Cyclohexane	ND		ug/m³	0.65	0.65	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.86	0.86	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
156-59-2	cis-1,2-Dichloroethylene	**1.3**		ug/m³	0.75	0.75	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
74-87-3	Chloromethane	**2.2**		ug/m³	0.39	0.39	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
67-66-3	Chloroform	**1.9**		ug/m³	0.92	0.92	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
75-00-3	Chloroethane	ND		ug/m³	0.50	0.50	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.60	0.60	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.59	0.59	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
74-83-9	Bromomethane	ND		ug/m³	0.73	0.73	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
75-25-2	Bromoform	ND		ug/m³	2.0	2.0	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.2	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD

Sample Information

Client Sample ID: AQ062513:1135NP4-2 **York Sample ID:** 13F0942-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0942	Rowe Industries	Vapor Extraction	June 25, 2013 11:35 am	06/27/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-44-7	Benzyl chloride	ND		ug/m³	0.98	0.98	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
71-43-2	Benzene	**1.1**		ug/m³	0.60	0.60	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
67-64-1	Acetone	**6.8**		ug/m³	0.45	0.45	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
591-78-6	2-Hexanone	ND		ug/m³	0.77	0.77	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
78-93-3	2-Butanone	**2.3**		ug/m³	0.56	0.56	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.68	0.68	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.82	0.82	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.93	0.93	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	1.3	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.87	0.87	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.77	0.77	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.93	0.93	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.4	1.4	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.75	0.75	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
75-34-3	1,1-Dichloroethane	**2.5**		ug/m³	0.77	0.77	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**1.8**		ug/m³	1.1	1.1	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.0	1.0	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	1.4	1.4	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.3	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
71-55-6	1,1,1-Trichloroethane	**7.6**		ug/m³	1.0	1.0	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
75-71-8	Dichlorodifluoromethane	**2.8**		ug/m³	0.94	0.94	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.5	1.5	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.5	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.77	0.77	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.87	0.87	1.86	EPA Compendium TO-15	06/28/2013 09:00	06/28/2013 23:47	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.1 %*	*70-130*

Sample Information

Client Sample ID: AQ062513:1140NP4-3 **York Sample ID:** 13F0942-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0942	Rowe Industries	Vapor Extraction	June 25, 2013 11:40 am	06/27/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.48	0.48	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.66	0.66	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.50	0.50	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.85	0.85	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.74	0.74	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
108-88-3	Toluene	ND		ug/m³	0.70	0.70	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.55	0.55	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
127-18-4	Tetrachloroethylene	**1.4**		ug/m³	1.3	1.3	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
100-42-5	Styrene	ND		ug/m³	0.80	0.80	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
115-07-01	Propylene	ND		ug/m³	0.32	0.32	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	4.6	4.6	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
179601-23-1	p- & m- Xylenes	ND		ug/m³	1.6	1.6	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
95-47-6	o-Xylene	ND		ug/m³	0.81	0.81	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
110-54-3	n-Hexane	ND		ug/m³	0.66	0.66	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
142-82-5	n-Heptane	ND		ug/m³	0.77	0.77	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
75-09-2	Methylene chloride	**1.0**	B	ug/m³	0.65	0.65	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.67	0.67	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.77	0.77	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
67-63-0	Isopropanol	**13**		ug/m³	0.46	0.46	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.0	2.0	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.81	0.81	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.67	0.67	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
110-82-7	Cyclohexane	ND		ug/m³	0.64	0.64	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.85	0.85	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
156-59-2	cis-1,2-Dichloroethylene	**1.3**		ug/m³	0.74	0.74	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
74-87-3	Chloromethane	**1.5**		ug/m³	0.39	0.39	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
67-66-3	Chloroform	**1.8**		ug/m³	0.91	0.91	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
75-00-3	Chloroethane	ND		ug/m³	0.49	0.49	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.59	0.59	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.58	0.58	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
74-83-9	Bromomethane	ND		ug/m³	0.73	0.73	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
75-25-2	Bromoform	ND		ug/m³	1.9	1.9	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.2	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD

Sample Information

Client Sample ID: AQ062513:1140NP4-3 **York Sample ID:** 13F0942-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0942	Rowe Industries	Vapor Extraction	June 25, 2013 11:40 am	06/27/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-44-7	Benzyl chloride	ND		ug/m³	0.97	0.97	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
71-43-2	Benzene	ND		ug/m³	0.60	0.60	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
67-64-1	Acetone	**8.9**		ug/m³	0.44	0.44	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
591-78-6	2-Hexanone	ND		ug/m³	0.77	0.77	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
78-93-3	2-Butanone	**1.9**		ug/m³	0.55	0.55	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.67	0.67	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.81	0.81	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.92	0.92	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	1.3	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.86	0.86	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.76	0.76	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.92	0.92	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.4	1.4	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.74	0.74	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
75-34-3	1,1-Dichloroethane	**1.6**		ug/m³	0.76	0.76	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**1.3**		ug/m³	1.1	1.1	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.0	1.0	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.4	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.3	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
71-55-6	1,1,1-Trichloroethane	**5.9**		ug/m³	1.0	1.0	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
75-71-8	Dichlorodifluoromethane	**3.5**		ug/m³	0.92	0.92	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.4	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.5	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.76	0.76	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.86	0.86	1.839	EPA Compendium TO-15	06/28/2013 09:00	06/29/2013 00:34	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.7 %*	*70-130*

Analytical Batch Summary

Batch ID: BF31536 **Preparation Method:** EPA TO15 PREP **Prepared By:** TD

YORK Sample ID	Client Sample ID	Preparation Date
13F0942-01	AQ062513:1130NP4-1	06/28/13
13F0942-02	AQ062513:1135NP4-2	06/28/13
13F0942-03	AQ062513:1140NP4-3	06/28/13
BF31536-BLK1	Blank	06/28/13
BF31536-BS1	LCS	06/28/13
BF31536-DUP1	Duplicate	06/28/13

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31536 - EPA TO15 PREP											
Blank (BF31536-BLK1)											Prepared & Analyzed: 06/28/2013
Vinyl Chloride	ND	0.26	ug/m³								
Vinyl acetate	ND	0.36	"								
Trichloroethylene	ND	0.27	"								
trans-1,3-Dichloropropylene	ND	0.46	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.30	"								
Tetrachloroethylene	ND	0.69	"								
Styrene	ND	0.43	"								
Propylene	ND	0.18	"								
p-Ethyltoluene	ND	2.5	"								
p- & m- Xylenes	ND	0.88	"								
o-Xylene	ND	0.44	"								
n-Hexane	ND	0.36	"								
n-Heptane	ND	0.42	"								
Methylene chloride	0.39	0.35	"								
Methyl tert-butyl ether (MTBE)	ND	0.37	"								
4-Methyl-2-pentanone	ND	0.42	"								
Isopropanol	ND	0.25	"								
Hexachlorobutadiene	ND	1.1	"								
Ethyl Benzene	ND	0.44	"								
Ethyl acetate	ND	0.37	"								
Cyclohexane	ND	0.35	"								
cis-1,3-Dichloropropylene	ND	0.46	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
Chloromethane	ND	0.21	"								
Chloroform	ND	0.50	"								
Chloroethane	ND	0.27	"								
Carbon tetrachloride	ND	0.32	"								
Carbon disulfide	ND	0.32	"								
Bromomethane	ND	0.39	"								
Bromoform	ND	1.1	"								
Bromodichloromethane	ND	0.63	"								
Benzyl chloride	ND	0.53	"								
Benzene	ND	0.32	"								
Acetone	ND	0.24	"								
2-Hexanone	ND	0.42	"								
2-Butanone	ND	0.30	"								
1,4-Dioxane	ND	0.37	"								
1,4-Dichlorobenzene	ND	0.61	"								
1,3-Dichlorobenzene	ND	0.61	"								
1,3-Butadiene	ND	0.44	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorotetrafluoroethane	ND	0.71	"								
1,2-Dichloropropane	ND	0.47	"								
1,2-Dichloroethane	ND	0.41	"								
1,2-Dichlorobenzene	ND	0.61	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.75	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.41	"								

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31536 - EPA TO15 PREP											
Blank (BF31536-BLK1)								Prepared & Analyzed: 06/28/2013			
Trichlorofluoromethane (Freon 11)	ND	0.57	ug/m³								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								
1,1,2,2-Tetrachloroethane	ND	0.70	"								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Methyl Methacrylate	ND	0.42	"								
Chlorobenzene	ND	0.47	"								
Surrogate: p-Bromofluorobenzene	*7.85*		*ppbv*	*10.0*		*78.5*	*70-130*				
LCS (BF31536-BS1)								Prepared & Analyzed: 06/28/2013			
Vinyl Chloride	10.0		ppbv	10.5		95.4	70-130				
Vinyl acetate	8.58		"	10.4		82.5	58.1-135				
Trichloroethylene	9.25		"	10.6		87.3	70-130				
trans-1,3-Dichloropropylene	11.2		"	11.5		97.0	62-135				
trans-1,2-Dichloroethylene	9.33		"	10.3		90.6	58.3-130				
Toluene	11.9		"	11.0		108	64.9-126				
Tetrahydrofuran	11.1		"	10.8		103	44.6-146				
Tetrachloroethylene	14.3		"	10.8		132	70-130	High Bias			
Styrene	9.61		"	10.9		88.2	66.4-132				
Propylene	13.5		"	11.5		118	62.4-150				
p-Ethyltoluene	10.2		"	10.4		98.4	73.8-146				
p- & m- Xylenes	21.8		"	21.8		99.9	56.6-136				
o-Xylene	10.7		"	11.0		97.2	67.8-133				
n-Hexane	11.1		"	10.9		102	59.7-130				
n-Heptane	11.9		"	10.9		109	62.3-134				
Methylene chloride	7.87		"	9.70		81.1	62.6-130				
Methyl tert-butyl ether (MTBE)	6.81		"	10.3		66.1	60.7-139				
4-Methyl-2-pentanone	11.1		"	10.6		105	64.5-158				
Isopropanol	11.1		"	10.9		102	60-150				
Hexachlorobutadiene	13.0		"	10.2		127	61.2-150				
Ethyl Benzene	11.1		"	11.0		101	68.4-125				
Ethyl acetate	11.6		"	11.0		105	40.6-150				
Cyclohexane	10.9		"	10.8		101	60.4-127				
cis-1,3-Dichloropropylene	10.9		"	10.9		99.6	65.5-129				
cis-1,2-Dichloroethylene	9.60		"	10.8		88.9	51.3-118				
Chloromethane	9.01		"	10.3		87.5	64.9-130				
Chloroform	9.72		"	11.0		88.4	65.1-130				
Chloroethane	9.70		"	10.3		94.2	52.1-131				
Carbon tetrachloride	8.23		"	10.5		78.4	70-130				
Carbon disulfide	9.95		"	10.5		94.8	61.8-111				
Bromomethane	9.23		"	10.5		87.9	60.1-140				
Bromoform	9.33		"	10.9		85.6	58.7-150				
Bromodichloromethane	9.36		"	10.6		88.3	65.3-127				
Benzyl chloride	9.71		"	10.8		89.9	62.5-150				
Benzene	10.2		"	10.8		94.4	69.5-130				
Acetone	11.4		"	11.0		104	55.3-133				
2-Hexanone	12.4		"	10.9		114	52-150				
2-Butanone	11.4		"	10.9		105	28.5-154				
1,4-Dioxane	12.0		"	10.6		113	50-150				

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31536 - EPA TO15 PREP											
LCS (BF31536-BS1)								Prepared & Analyzed: 06/28/2013			
1,4-Dichlorobenzene	11.7		ppbv	10.9		107	62.5-139				
1,3-Dichlorobenzene	11.6		"	10.8		107	71.9-153				
1,3-Butadiene	9.87		"	10.9		90.6	66.7-127				
1,3,5-Trimethylbenzene	10.7		"	11.0		97.0	65-152				
1,2-Dichlorotetrafluoroethane	9.39		"	10.5		89.4	63.3-129				
1,2-Dichloropropane	10.7		"	11.0		97.4	21.3-152				
1,2-Dichloroethane	9.43		"	10.7		88.1	51.2-124				
1,2-Dichlorobenzene	11.3		"	10.7		106	63.7-148				
1,2,4-Trimethylbenzene	10.6		"	11.0		96.8	67.9-152				
1,2,4-Trichlorobenzene	14.9		"	10.0		149	58-147	High Bias			
1,1-Dichloroethylene	8.56		"	9.60		89.2	58.1-130				
1,1-Dichloroethane	9.21		"	10.3		89.4	63.3-130				
Trichlorofluoromethane (Freon 11)	9.37		"	11.0		85.2	56-132				
1,1,2-Trichloroethane	10.8		"	11.0		98.5	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.02		"	9.20		87.2	60.2-125				
1,1,2,2-Tetrachloroethane	10.8		"	11.0		98.5	63.7-132				
1,1,1-Trichloroethane	9.18		"	10.5		87.4	58.2-126				
Dichlorodifluoromethane	9.09		"	10.2		89.1	62.8-133				
1,2-Dibromoethane	11.1		"	11.0		101	70-130				
Dibromochloromethane	9.69		"	10.7		90.6	70-130				
Methyl Methacrylate	9.23		"	10.7		86.3	70-130				
Chlorobenzene	10.1		"	11.0		91.6	67.6-122				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*70-130*				
Duplicate (BF31536-DUP1)	*Source sample: 13F0942-01 (AQ062513:1130NP4-1)							Prepared & Analyzed: 06/28/2013			
Vinyl Chloride	ND	0.45	ug/m³		ND					25	
Vinyl acetate	ND	0.62	"		ND					25	
Trichloroethylene	ND	0.48	"		ND					25	
trans-1,3-Dichloropropylene	1.4	0.81	"		ND					25	
trans-1,2-Dichloroethylene	ND	0.70	"		ND					25	
Toluene	0.94	0.67	"		1.1				19.4	25	
Tetrahydrofuran	ND	0.52	"		ND					25	
Tetrachloroethylene	15	1.2	"		15				0.00	25	
Styrene	ND	0.76	"		ND					25	
Propylene	ND	0.31	"		ND					25	
p-Ethyltoluene	ND	4.4	"		ND					25	
p- & m- Xylenes	ND	1.5	"		ND					25	
o-Xylene	ND	0.77	"		ND					25	
n-Hexane	ND	0.63	"		ND					25	
n-Heptane	ND	0.73	"		ND					25	
Methylene chloride	1.0	0.62	"		1.1				5.71	25	
Methyl tert-butyl ether (MTBE)	ND	0.64	"		ND					25	
4-Methyl-2-pentanone	ND	0.73	"		ND					25	
Isopropanol	ND	0.44	"		ND					25	
Hexachlorobutadiene	ND	1.9	"		ND					25	
Ethyl Benzene	ND	0.77	"		ND					25	
Ethyl acetate	ND	0.64	"		ND					25	
Cyclohexane	ND	0.61	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.81	"		ND					25	
cis-1,2-Dichloroethylene	0.98	0.70	"		0.98				0.00	25	
Chloromethane	1.6	0.37	"		1.6				2.25	25	
Chloroform	ND	0.87	"		ND					25	

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31536 - EPA TO15 PREP											
Duplicate (BF31536-DUP1)	*Source sample: 13F0942-01 (AQ062513:1130NP4-1)								Prepared & Analyzed: 06/28/2013		
Chloroethane	ND	0.47	ug/m³		ND					25	
Carbon tetrachloride	ND	0.56	"		ND					25	
Carbon disulfide	ND	0.55	"		ND					25	
Bromomethane	ND	0.69	"		ND					25	
Bromoform	ND	1.8	"		ND					25	
Bromodichloromethane	ND	1.1	"		ND					25	
Benzyl chloride	ND	0.92	"		ND					25	
Benzene	0.91	0.57	"		0.91				0.00	25	
Acetone	9.8	0.42	"		9.9				0.858	25	
2-Hexanone	ND	0.73	"		ND					25	
2-Butanone	2.9	0.52	"		2.7				5.61	25	
1,4-Dioxane	ND	0.64	"		ND					25	
1,4-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Butadiene	ND	0.77	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.87	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.2	"		ND					25	
1,2-Dichloropropane	ND	0.82	"		ND					25	
1,2-Dichloroethane	ND	0.72	"		ND					25	
1,2-Dichlorobenzene	ND	1.1	"		ND					25	
1,2,4-Trimethylbenzene	ND	0.87	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.3	"		ND					25	
1,1-Dichloroethylene	ND	0.70	"		ND					25	
1,1-Dichloroethane	ND	0.72	"		ND					25	
Trichlorofluoromethane (Freon 11)	1.4	1.0	"		1.4				0.00	25	
1,1,2-Trichloroethane	ND	0.97	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.4	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.2	"		ND					25	
1,1,1-Trichloroethane	ND	0.97	"		ND					25	
Dichlorodifluoromethane	2.6	0.88	"		2.6				0.00	25	
1,2-Dibromoethane	ND	1.4	"		ND					25	
Dibromochloromethane	ND	1.4	"		ND					25	
Methyl Methacrylate	ND	0.73	"		ND					25	
Chlorobenzene	ND	0.82	"		ND					25	
Surrogate: p-Bromofluorobenzene	*9.70*		*ppbv*	*10.0*		*97.0*	*70-130*				

Notes and Definitions

QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.

B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

MDL METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record - AIR

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

York Project No. 13F0942

YOUR Information
Company: LBG
Address: 4 Research Dr, Suite 301 Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries

Purchase Order No.
HABSAG

Samples from: CT ___ NY X NJ ___

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

Report Type/Deliverables
- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package ___
- NY ASP A Package ___
- NY ASP B/CLP Pkg X, pdf
- NJDEP Reduced ___

Electronic Deliverables:
- EDD (Specify Type) ___
- Standard Excel X
- Regulatory Comparison Excel ___

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

Samples Collected/Authorized By (Signature)

Stephen Knot
Name (printed)

Air Matrix Codes

AI -	INDOOR Ambient Air
AO-	OUTDOOR Amb. Air
AE-	Vapor Extraction Well/ Process Gas/Effluent
AS-	SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses

EPA TO-15 List	EPA TO-14A List
NYSDEC VI list	Tentatively Identified Compounds
NYSDEC STARS List	Air VPH
Project Specific List by TO-15	Helium
NJDEP Target List	Methane
CTDEP RCP Target List	OTHER ___

Detection Limits Required
- ≤ 1 ug/m³ ___
- NYSDEC VI Limits ___ (VI – vapor intrusion)
- NJDEP low level ___
- Routine Survey ___
- Other ___

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
AQ062513 1130NP4-1	6/25/13 1130	AE			EPA TO-15 List.	6 Liter Summa canister ✓ Tedlar Bag ___
AQ062513 1135NP4-2	1135	AE			↓	6 Liter Summa canister ✓ Tedlar Bag ___
AQ062513 1140NP4-3	1140	AE			↓	6 Liter Summa canister ✓ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___

Comments: Grab samples, no regulator used during collection.

Samples Relinquished By — Date/Time: 6/26/13 9-

Samples Relinquished By: Katherine Jeremenko — Date/Time: 6/27/13 1245

Samples Received By: LBG Field Rep — Date/Time: 6/26/13 9-

Samples Received in LAB by: TC Patel — Date/Time: 6/27/13 12:45

Grace 6/27/13 1505

APPENDIX IV

JUNE 2013 LABORATORY ANALYTICAL REPORTS FOR MONITOR WELLS

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 06/21/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0591

Report Date: 06/21/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13F0591

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 18, 2013 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13F0591-01	MW98-04	Water	06/17/2013	06/18/2013
13F0591-02	MW49A	Water	06/17/2013	06/18/2013
13F0591-03	MW49B	Water	06/17/2013	06/18/2013
13F0591-04	MW49C	Water	06/17/2013	06/18/2013

General Notes for York Project (SDG) No.: 13F0591

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

Approved By: 

Date: 06/21/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: MW98-04 **York Sample ID:** 13F0591-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0591	Rowe Industries	Water	June 17, 2013 1:35 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
71-55-6	1,1,1-Trichloroethane	**0.45**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS

Sample Information

Client Sample ID: MW98-04 **York Sample ID:** 13F0591-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0591	Rowe Industries	Water	June 17, 2013 1:35 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
156-59-2	cis-1,2-Dichloroethylene	**1.1**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
127-18-4	Tetrachloroethylene	**36**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
79-01-6	Trichloroethylene	**0.85**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:14	SS

Sample Information

Client Sample ID: MW98-04 **York Sample ID:** 13F0591-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0591	Rowe Industries	Water	June 17, 2013 1:35 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*		*72.6-129*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*125 %*		*63.5-145*							
2037-26-5	*Surrogate: Toluene-d8*	*92.2 %*		*81.2-127*							

Sample Information

Client Sample ID: MW49A **York Sample ID:** 13F0591-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0591	Rowe Industries	Water	June 17, 2013 2:38 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS

Sample Information

Client Sample ID: MW49A

York Sample ID: 13F0591-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0591	Rowe Industries	Water	June 17, 2013 2:38 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS

Sample Information

Client Sample ID: **MW49A** **York Sample ID:** **13F0591-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0591	Rowe Industries	Water	June 17, 2013 2:38 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 15:55	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*126 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*94.8 %*	*81.2-127*

Sample Information

Client Sample ID: **MW49B** **York Sample ID:** **13F0591-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0591	Rowe Industries	Water	June 17, 2013 2:12 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS

Sample Information

Client Sample ID: MW49B

York Sample ID: 13F0591-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0591	Rowe Industries	Water	June 17, 2013 2:12 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS

Sample Information

Client Sample ID: **MW49B** **York Sample ID:** **13F0591-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0591	Rowe Industries	Water	June 17, 2013 2:12 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
127-18-4	Tetrachloroethylene	**0.55**		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 16:36	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*124 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*94.1 %*	*81.2-127*

Sample Information

Client Sample ID: **MW49C** **York Sample ID:** **13F0591-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0591	Rowe Industries	Water	June 17, 2013 1:44 pm	06/18/2013

Sample Information

Client Sample ID: MW49C

York Sample ID: 13F0591-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0591	Rowe Industries	Water	June 17, 2013 1:44 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS

Sample Information

Client Sample ID: MW49C

York Sample ID: 13F0591-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0591	Rowe Industries	Water	June 17, 2013 1:44 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
127-18-4	Tetrachloroethylene	**0.22**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	06/20/2013 09:10	06/20/2013 17:18	SS

Sample Information

Client Sample ID: MW49C **York Sample ID:** 13F0591-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0591	Rowe Industries	Water	June 17, 2013 1:44 pm	06/18/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*			*72.6-129*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*128 %*			*63.5-145*						
2037-26-5	*Surrogate: Toluene-d8*	*93.4 %*			*81.2-127*						

Analytical Batch Summary

Batch ID: BF30918 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13F0591-01	MW98-04	06/20/13
13F0591-02	MW49A	06/20/13
13F0591-03	MW49B	06/20/13
13F0591-04	MW49C	06/20/13
BF30918-BLK1	Blank	06/20/13
BF30918-BS1	LCS	06/20/13
BF30918-BSD1	LCS Dup	06/20/13
BF30918-MS1	Matrix Spike	06/20/13
BF30918-MSD1	Matrix Spike Dup	06/20/13

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30918 - EPA 5030B											
Blank (BF30918-BLK1)											
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	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
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	"								
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	"								
o-Xylene	ND	0.50	"								

Prepared & Analyzed: 06/20/2013

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30918 - EPA 5030B											
Blank (BF30918-BLK1)								Prepared & Analyzed: 06/20/2013			
p- & m- Xylenes	ND	1.0	ug/L								
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	"								
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*12.4*		*"*	*10.0*		*124*	*63.5-145*				
Surrogate: Toluene-d8	*9.32*		*"*	*10.0*		*93.2*	*81.2-127*				
LCS (BF30918-BS1)								Prepared & Analyzed: 06/20/2013			
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130				
1,1,1-Trichloroethane	11.3		"	10.0		113	75.6-137				
1,1,2,2-Tetrachloroethane	9.36		"	10.0		93.6	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.35		"	10.0		83.5	71.1-129				
1,1,2-Trichloroethane	9.38		"	10.0		93.8	74.5-129				
1,1-Dichloroethane	9.24		"	10.0		92.4	79.6-132				
1,1-Dichloroethylene	7.57		"	10.0		75.7	80.2-146	Low Bias			
1,1-Dichloropropylene	9.79		"	10.0		97.9	75-136				
1,2,3-Trichlorobenzene	10.9		"	10.0		109	66.1-136				
1,2,3-Trichloropropane	9.64		"	10.0		96.4	63-131				
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136				
1,2,4-Trimethylbenzene	9.17		"	10.0		91.7	75.3-135				
1,2-Dibromo-3-chloropropane	12.8		"	10.0		128	58.9-140				
1,2-Dibromoethane	10.6		"	10.0		106	79-130				
1,2-Dichlorobenzene	9.44		"	10.0		94.4	76.1-122				
1,2-Dichloroethane	9.78		"	10.0		97.8	74.6-132				
1,2-Dichloropropane	9.09		"	10.0		90.9	76.9-129				
1,3,5-Trimethylbenzene	9.19		"	10.0		91.9	70.6-127				
1,3-Dichlorobenzene	9.92		"	10.0		99.2	77-124				
1,3-Dichloropropane	9.36		"	10.0		93.6	75.8-126				
1,4-Dichlorobenzene	9.71		"	10.0		97.1	76.6-125				
2,2-Dichloropropane	10.9		"	10.0		109	69-133				
2-Chlorotoluene	8.84		"	10.0		88.4	66.3-119				
2-Hexanone	10.1		"	10.0		101	70-130				
4-Chlorotoluene	9.07		"	10.0		90.7	69.2-127				
Acetone	7.16		"	10.0		71.6	70-130				
Benzene	10.3		"	10.0		103	76.2-129				
Bromobenzene	9.16		"	10.0		91.6	71.3-123				
Bromochloromethane	10.2		"	10.0		102	70.8-137				
Bromodichloromethane	10.1		"	10.0		101	79.7-134				
Bromoform	12.6		"	10.0		126	70.5-141				
Bromomethane	7.09		"	10.0		70.9	43.9-147				
Carbon tetrachloride	11.9		"	10.0		119	78.1-138				
Chlorobenzene	9.75		"	10.0		97.5	80.4-125				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30918 - EPA 5030B											
LCS (BF30918-BS1)								Prepared & Analyzed: 06/20/2013			
Chloroethane	7.96		ug/L	10.0		79.6	55.8-140				
Chloroform	10.4		"	10.0		104	76.6-133				
Chloromethane	7.75		"	10.0		77.5	48.8-115				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128				
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128				
Dibromochloromethane	12.1		"	10.0		121	79.8-134				
Dibromomethane	9.58		"	10.0		95.8	79-130				
Dichlorodifluoromethane	8.19		"	10.0		81.9	47.1-101				
Ethyl Benzene	9.79		"	10.0		97.9	80.8-128				
Hexachlorobutadiene	11.1		"	10.0		111	64.8-128				
Isopropylbenzene	9.56		"	10.0		95.6	75.5-135				
Methyl tert-butyl ether (MTBE)	9.77		"	10.0		97.7	65.1-140				
Methylene chloride	6.07		"	10.0		60.7	61.3-120	Low Bias			
Naphthalene	10.8		"	10.0		108	62.3-148				
n-Butylbenzene	8.57		"	10.0		85.7	67.2-123				
n-Propylbenzene	9.12		"	10.0		91.2	70.5-127				
o-Xylene	9.21		"	10.0		92.1	75.9-122				
p- & m- Xylenes	19.5		"	20.0		97.4	77.7-127				
p-Isopropyltoluene	9.82		"	10.0		98.2	75.6-129				
sec-Butylbenzene	9.54		"	10.0		95.4	71.5-125				
Styrene	9.85		"	10.0		98.5	77.8-123				
tert-Butylbenzene	9.85		"	10.0		98.5	75.9-151				
Tetrachloroethylene	10.5		"	10.0		105	63.6-167				
Toluene	9.30		"	10.0		93.0	77-123				
trans-1,2-Dichloroethylene	8.11		"	10.0		81.1	76.3-139				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137				
Trichloroethylene	9.92		"	10.0		99.2	77.9-130				
Trichlorofluoromethane	8.64		"	10.0		86.4	57.4-133				
Vinyl Chloride	7.64		"	10.0		76.4	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*63.5-145*				
Surrogate: Toluene-d8	*9.26*		*"*	*10.0*		*92.6*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30918 - EPA 5030B											
LCS Dup (BF30918-BSD1)							Prepared & Analyzed: 06/20/2013				
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130		3.26	21.1	
1,1,1-Trichloroethane	11.5		"	10.0		115	75.6-137		2.46	19.7	
1,1,2,2-Tetrachloroethane	8.91		"	10.0		89.1	71.3-131		4.93	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.49		"	10.0		84.9	71.1-129		1.66	21.7	
1,1,2-Trichloroethane	8.86		"	10.0		88.6	74.5-129		5.70	20.3	
1,1-Dichloroethane	8.77		"	10.0		87.7	79.6-132		5.22	20.6	
1,1-Dichloroethylene	7.63		"	10.0		76.3	80.2-146	Low Bias	0.789	20	
1,1-Dichloropropylene	9.79		"	10.0		97.9	75-136		0.00	19.3	
1,2,3-Trichlorobenzene	10.7		"	10.0		107	66.1-136		1.94	21.6	
1,2,3-Trichloropropane	9.24		"	10.0		92.4	63-131		4.24	23.9	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136		0.186	21.7	
1,2,4-Trimethylbenzene	9.64		"	10.0		96.4	75.3-135		5.00	18.8	
1,2-Dibromo-3-chloropropane	11.8		"	10.0		118	58.9-140		8.45	27.7	
1,2-Dibromoethane	10.1		"	10.0		101	79-130		5.40	23	
1,2-Dichlorobenzene	9.56		"	10.0		95.6	76.1-122		1.26	19.8	
1,2-Dichloroethane	9.62		"	10.0		96.2	74.6-132		1.65	20.2	
1,2-Dichloropropane	8.80		"	10.0		88.0	76.9-129		3.24	20.7	
1,3,5-Trimethylbenzene	9.48		"	10.0		94.8	70.6-127		3.11	18.9	
1,3-Dichlorobenzene	10.2		"	10.0		102	77-124		2.88	19.2	
1,3-Dichloropropane	8.95		"	10.0		89.5	75.8-126		4.48	22.1	
1,4-Dichlorobenzene	9.77		"	10.0		97.7	76.6-125		0.616	18.6	
2,2-Dichloropropane	11.0		"	10.0		110	69-133		1.46	19.8	
2-Chlorotoluene	9.24		"	10.0		92.4	66.3-119		4.42	21.6	
2-Hexanone	9.08		"	10.0		90.8	70-130		10.3	30	
4-Chlorotoluene	9.48		"	10.0		94.8	69.2-127		4.42	19	
Acetone	6.71		"	10.0		67.1	70-130	Low Bias	6.49	30	
Benzene	10.3		"	10.0		103	76.2-129		0.388	19	
Bromobenzene	9.31		"	10.0		93.1	71.3-123		1.62	20.3	
Bromochloromethane	9.75		"	10.0		97.5	70.8-137		4.71	23.9	
Bromodichloromethane	9.87		"	10.0		98.7	79.7-134		2.11	21	
Bromoform	12.1		"	10.0		121	70.5-141		3.97	21.8	
Bromomethane	7.42		"	10.0		74.2	43.9-147		4.55	28.4	
Carbon tetrachloride	12.1		"	10.0		121	78.1-138		1.33	20.1	
Chlorobenzene	9.58		"	10.0		95.8	80.4-125		1.76	19.9	
Chloroethane	8.10		"	10.0		81.0	55.8-140		1.74	23.3	
Chloroform	10.2		"	10.0		102	76.6-133		1.16	20.3	
Chloromethane	7.75		"	10.0		77.5	48.8-115		0.00	24.5	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128		1.67	20.5	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	74.5-128		3.64	19.9	
Dibromochloromethane	11.4		"	10.0		114	79.8-134		6.14	21.3	
Dibromomethane	8.94		"	10.0		89.4	79-130		6.91	22.4	
Dichlorodifluoromethane	8.25		"	10.0		82.5	47.1-101		0.730	23.9	
Ethyl Benzene	9.81		"	10.0		98.1	80.8-128		0.204	19.2	
Hexachlorobutadiene	11.9		"	10.0		119	64.8-128		7.04	20.6	
Isopropylbenzene	10.1		"	10.0		101	75.5-135		5.10	20	
Methyl tert-butyl ether (MTBE)	8.90		"	10.0		89.0	65.1-140		9.32	23.6	
Methylene chloride	5.91		"	10.0		59.1	61.3-120	Low Bias	2.67	20.4	
Naphthalene	9.92		"	10.0		99.2	62.3-148		8.12	27.1	
n-Butylbenzene	8.94		"	10.0		89.4	67.2-123		4.23	19.1	
n-Propylbenzene	9.53		"	10.0		95.3	70.5-127		4.40	23.4	
o-Xylene	9.19		"	10.0		91.9	75.9-122		0.217	19.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

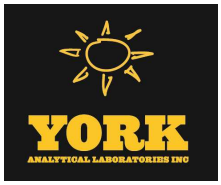
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30918 - EPA 5030B											
LCS Dup (BF30918-BSD1)								Prepared & Analyzed: 06/20/2013			
p- & m- Xylenes	19.5		ug/L	20.0		97.6	77.7-127		0.256	18.6	
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129		3.89	19.1	
sec-Butylbenzene	10.1		"	10.0		101	71.5-125		5.70	18.9	
Styrene	9.70		"	10.0		97.0	77.8-123		1.53	20.9	
tert-Butylbenzene	10.2		"	10.0		102	75.9-151		3.98	20.9	
Tetrachloroethylene	10.6		"	10.0		106	63.6-167		0.475	27.7	
Toluene	9.30		"	10.0		93.0	77-123		0.00	18.7	
trans-1,2-Dichloroethylene	8.23		"	10.0		82.3	76.3-139		1.47	19.5	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		4.43	19.3	
Trichloroethylene	9.71		"	10.0		97.1	77.9-130		2.14	20.5	
Trichlorofluoromethane	8.62		"	10.0		86.2	57.4-133		0.232	21.4	
Vinyl Chloride	7.86		"	10.0		78.6	54.9-124		2.84	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.73*		*"*	*10.0*		*97.3*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.3*		*"*	*10.0*		*113*	*63.5-145*				
Surrogate: Toluene-d8	*9.34*		*"*	*10.0*		*93.4*	*81.2-127*				
Matrix Spike (BF30918-MS1)	*Source sample: 13F0591-04 (MW49C)							Prepared & Analyzed: 06/20/2013			
1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0	ND	112	82-138				
1,1,1-Trichloroethane	11.6		"	10.0	ND	116	85.7-133				
1,1,2,2-Tetrachloroethane	9.44		"	10.0	ND	94.4	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.42		"	10.0	ND	84.2	74.8-131				
1,1,2-Trichloroethane	9.15		"	10.0	ND	91.5	82.5-129				
1,1-Dichloroethane	8.91		"	10.0	ND	89.1	81.4-137				
1,1-Dichloroethylene	7.71		"	10.0	ND	77.1	90-138	Low Bias			
1,1-Dichloropropylene	10.2		"	10.0	ND	102	91.7-131				
1,2,3-Trichlorobenzene	10.8		"	10.0	ND	108	75.9-130				
1,2,3-Trichloropropane	9.77		"	10.0	ND	97.7	77.1-140				
1,2,4-Trichlorobenzene	11.0		"	10.0	ND	110	69.8-135				
1,2,4-Trimethylbenzene	10.0		"	10.0	ND	100	79.4-131				
1,2-Dibromo-3-chloropropane	13.4		"	10.0	ND	134	66.6-143				
1,2-Dibromoethane	9.97		"	10.0	ND	99.7	79.8-136				
1,2-Dichlorobenzene	10.0		"	10.0	ND	100	79.9-130				
1,2-Dichloroethane	9.86		"	10.0	ND	98.6	85-133				
1,2-Dichloropropane	9.10		"	10.0	ND	91.0	81.1-132				
1,3,5-Trimethylbenzene	10.0		"	10.0	ND	100	76.1-121				
1,3-Dichlorobenzene	10.7		"	10.0	ND	107	79.1-124				
1,3-Dichloropropane	9.24		"	10.0	ND	92.4	83.3-130				
1,4-Dichlorobenzene	10.3		"	10.0	ND	103	79.4-128				
2,2-Dichloropropane	10.5		"	10.0	ND	105	54.2-126				
2-Chlorotoluene	9.77		"	10.0	ND	97.7	60.2-144				
2-Hexanone	9.26		"	10.0	ND	92.6	70-130				
4-Chlorotoluene	9.93		"	10.0	ND	99.3	79.8-128				
Acetone	6.42		"	10.0	0.490	59.3	70-130	Low Bias			
Benzene	10.8		"	10.0	ND	108	74.1-134				
Bromobenzene	9.71		"	10.0	ND	97.1	76.6-125				
Bromochloromethane	10.1		"	10.0	ND	101	85-133				
Bromodichloromethane	9.94		"	10.0	ND	99.4	80.8-143				
Bromoform	12.6		"	10.0	ND	126	65.8-164				
Bromomethane	6.39		"	10.0	ND	63.9	68.7-112	Low Bias			
Carbon tetrachloride	12.2		"	10.0	ND	122	85.7-138				
Chlorobenzene	9.95		"	10.0	ND	99.5	79.9-129				
Chloroethane	7.94		"	10.0	ND	79.4	74.7-127				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30918 - EPA 5030B											
Matrix Spike (BF30918-MS1)	*Source sample: 13F0591-04 (MW49C)							Prepared & Analyzed: 06/20/2013			
Chloroform	10.7		ug/L	10.0	ND	107	50.6-145				
Chloromethane	8.87		"	10.0	ND	88.7	64-111				
cis-1,2-Dichloroethylene	10.2		"	10.0	ND	102	75.5-129				
cis-1,3-Dichloropropylene	10.3		"	10.0	ND	103	74.3-128				
Dibromochloromethane	11.8		"	10.0	ND	118	76.8-150				
Dibromomethane	9.04		"	10.0	ND	90.4	83.3-140				
Dichlorodifluoromethane	7.42		"	10.0	ND	74.2	51-100				
Ethyl Benzene	10.3		"	10.0	ND	103	82.9-127				
Hexachlorobutadiene	12.5		"	10.0	ND	125	73-128				
Isopropylbenzene	10.5		"	10.0	ND	105	78.7-131				
Methyl tert-butyl ether (MTBE)	8.54		"	10.0	ND	85.4	81.2-134				
Methylene chloride	5.94		"	10.0	ND	59.4	57.8-103				
Naphthalene	10.0		"	10.0	ND	100	80.1-122				
n-Butylbenzene	9.50		"	10.0	ND	95.0	72.4-120				
n-Propylbenzene	10.0		"	10.0	ND	100	74-130				
o-Xylene	9.55		"	10.0	ND	95.5	78.8-122				
p- & m- Xylenes	20.4		"	20.0	ND	102	82.5-123				
p-Isopropyltoluene	10.8		"	10.0	ND	108	64.9-132				
sec-Butylbenzene	10.6		"	10.0	ND	106	25.4-151				
Styrene	10.2		"	10.0	ND	102	74.1-134				
tert-Butylbenzene	10.5		"	10.0	ND	105	79.5-171				
Tetrachloroethylene	11.0		"	10.0	0.220	108	72.5-130				
Toluene	9.60		"	10.0	ND	96.0	77.8-121				
trans-1,2-Dichloroethylene	8.27		"	10.0	ND	82.7	83.8-140	Low Bias			
trans-1,3-Dichloropropylene	10.0		"	10.0	ND	100	74.9-136				
Trichloroethylene	10.2		"	10.0	ND	102	84.4-125				
Trichlorofluoromethane	8.65		"	10.0	ND	86.5	78.7-127				
Vinyl Chloride	7.55		"	10.0	ND	75.5	72.1-116				
Surrogate: 1,2-Dichloroethane-d4	*9.94*		*"*	*10.0*		*99.4*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.3*		*"*	*10.0*		*113*	*63.5-145*				
Surrogate: Toluene-d8	*9.28*		*"*	*10.0*		*92.8*	*81.2-127*				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30918 - EPA 5030B											
Matrix Spike Dup (BF30918-MSD1)	*Source sample: 13F0591-04 (MW49C)							Prepared & Analyzed: 06/20/2013			
1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0	ND	112	82-138		0.0889	21.3	
1,1,1-Trichloroethane	11.4		"	10.0	ND	114	85.7-133		1.04	22.6	
1,1,2,2-Tetrachloroethane	9.43		"	10.0	ND	94.3	78.6-136		0.106	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.33		"	10.0	ND	83.3	74.8-131		1.07	25.6	
1,1,2-Trichloroethane	9.47		"	10.0	ND	94.7	82.5-129		3.44	19.3	
1,1-Dichloroethane	8.82		"	10.0	ND	88.2	81.4-137		1.02	20.7	
1,1-Dichloroethylene	7.68		"	10.0	ND	76.8	90-138	Low Bias	0.390	22.9	
1,1-Dichloropropylene	9.97		"	10.0	ND	99.7	91.7-131		2.67	24.9	
1,2,3-Trichlorobenzene	11.0		"	10.0	ND	110	75.9-130		1.28	21.4	
1,2,3-Trichloropropane	9.78		"	10.0	ND	97.8	77.1-140		0.102	28	
1,2,4-Trichlorobenzene	10.8		"	10.0	ND	108	69.8-135		1.83	22.5	
1,2,4-Trimethylbenzene	9.61		"	10.0	ND	96.1	79.4-131		4.28	33.9	
1,2-Dibromo-3-chloropropane	13.0		"	10.0	ND	130	66.6-143		2.88	23.3	
1,2-Dibromoethane	10.5		"	10.0	ND	105	79.8-136		4.89	19.1	
1,2-Dichlorobenzene	9.82		"	10.0	ND	98.2	79.9-130		2.12	23.2	
1,2-Dichloroethane	9.99		"	10.0	ND	99.9	85-133		1.31	19.1	
1,2-Dichloropropane	9.00		"	10.0	ND	90.0	81.1-132		1.10	19.9	
1,3,5-Trimethylbenzene	9.59		"	10.0	ND	95.9	76.1-121		4.29	31.2	
1,3-Dichlorobenzene	10.3		"	10.0	ND	103	79.1-124		4.29	22.6	
1,3-Dichloropropane	9.54		"	10.0	ND	95.4	83.3-130		3.19	20.9	
1,4-Dichlorobenzene	9.98		"	10.0	ND	99.8	79.4-128		3.35	21	
2,2-Dichloropropane	10.3		"	10.0	ND	103	54.2-126		1.54	24.5	
2-Chlorotoluene	9.33		"	10.0	ND	93.3	60.2-144		4.61	30.8	
2-Hexanone	9.84		"	10.0	ND	98.4	70-130		6.07	30	
4-Chlorotoluene	9.48		"	10.0	ND	94.8	79.8-128		4.64	23.2	
Acetone	6.35		"	10.0	0.490	58.6	70-130	Low Bias	1.19	30	
Benzene	10.6		"	10.0	ND	106	74.1-134		1.88	20.8	
Bromobenzene	9.58		"	10.0	ND	95.8	76.6-125		1.35	23	
Bromochloromethane	10.2		"	10.0	ND	102	85-133		1.28	18.4	
Bromodichloromethane	9.90		"	10.0	ND	99.0	80.8-143		0.403	18.1	
Bromoform	13.6		"	10.0	ND	136	65.8-164		7.32	27.3	
Bromomethane	6.79		"	10.0	ND	67.9	68.7-112	Low Bias	6.07	22.8	
Carbon tetrachloride	12.1		"	10.0	ND	121	85.7-138		0.575	25.1	
Chlorobenzene	9.88		"	10.0	ND	98.8	79.9-129		0.706	21	
Chloroethane	8.01		"	10.0	ND	80.1	74.7-127		0.878	23.7	
Chloroform	10.5		"	10.0	ND	105	50.6-145		1.60	21.7	
Chloromethane	8.81		"	10.0	ND	88.1	64-111		0.679	21.4	
cis-1,2-Dichloroethylene	10.2		"	10.0	ND	102	75.5-129		0.980	20.2	
cis-1,3-Dichloropropylene	10.5		"	10.0	ND	105	74.3-128		1.92	19.8	
Dibromochloromethane	12.1		"	10.0	ND	121	76.8-150		3.02	20.8	
Dibromomethane	9.16		"	10.0	ND	91.6	83.3-140		1.32	20.4	
Dichlorodifluoromethane	7.20		"	10.0	ND	72.0	51-100		3.01	27.6	
Ethyl Benzene	10.0		"	10.0	ND	100	82.9-127		2.94	21.4	
Hexachlorobutadiene	11.8		"	10.0	ND	118	73-128		5.78	26	
Isopropylbenzene	10.0		"	10.0	ND	100	78.7-131		4.76	26.7	
Methyl tert-butyl ether (MTBE)	9.06		"	10.0	ND	90.6	81.2-134		5.91	21.2	
Methylene chloride	5.88		"	10.0	ND	58.8	57.8-103		1.02	21.2	
Naphthalene	10.4		"	10.0	ND	104	80.1-122		3.53	26.1	
n-Butylbenzene	8.95		"	10.0	ND	89.5	72.4-120		5.96	30.8	
n-Propylbenzene	9.60		"	10.0	ND	96.0	74-130		4.38	31	
o-Xylene	9.41		"	10.0	ND	94.1	78.8-122		1.48	21	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30918 - EPA 5030B											
Matrix Spike Dup (BF30918-MSD1)	*Source sample: 13F0591-04 (MW49C)								Prepared & Analyzed: 06/20/2013		
p- & m- Xylenes	19.8		ug/L	20.0	ND	99.2	82.5-123		2.83	22.5	
p-Isopropyltoluene	10.2		"	10.0	ND	102	64.9-132		5.63	25.2	
sec-Butylbenzene	10.1		"	10.0	ND	101	25.4-151		4.74	25.2	
Styrene	10.1		"	10.0	ND	101	74.1-134		1.18	20	
tert-Butylbenzene	10.1		"	10.0	ND	101	79.5-171		3.78	24.8	
Tetrachloroethylene	10.9		"	10.0	0.220	107	72.5-130		0.651	22.7	
Toluene	9.55		"	10.0	ND	95.5	77.8-121		0.522	21.5	
trans-1,2-Dichloroethylene	8.12		"	10.0	ND	81.2	83.8-140	Low Bias	1.83	20.1	
trans-1,3-Dichloropropylene	10.5		"	10.0	ND	105	74.9-136		4.68	22.5	
Trichloroethylene	10.1		"	10.0	ND	101	84.4-125		0.786	20.7	
Trichlorofluoromethane	8.57		"	10.0	ND	85.7	78.7-127		0.929	24.7	
Vinyl Chloride	7.57		"	10.0	ND	75.7	72.1-116		0.265	24.9	
Surrogate: 1,2-Dichloroethane-d4	*9.94*		*"*	*10.0*		*99.4*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*63.5-145*				
Surrogate: Toluene-d8	*9.23*		*"*	*10.0*		*92.3*	*81.2-127*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0591-01	MW98-04	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0591-02	MW49A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0591-03	MW49B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0591-04	MW49C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

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); therefore, the result is an estimated concentration.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

Corrective Action: Client has on C-O-C MW49B as MS/MSD But on sample vials are labeled as 49C MS/MSD - 06/19/2013

YORK ANALYTICAL LABORATORIES, INC.
120 Research Dr. Stratford, CT 06615
(203) 325-1371 Fax (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 13F0591

Client Information
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Company: Same
Address:
E-mail:
Fax No.:

Invoice To: SAME ☐
Name: Mark Goldberg
Company: Same
Address:
E-mail
Fax No.:

Client Project ID: Rowe Industries

Purchase Order no.: NABSAG

Samples from: CT__ NY__ NJ__

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

Report Type/Deliverables
Summary x, pdf
QA/QC Summary x, pdf
CT RCP Pkg
ASP A Pkg
ASP B Pkg x, pdf
Excel
EDD x, Excel

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

Samples Collected/Authorized By (Signature): [signature]
STEPHEN HNAT
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW98-04	6/17/13 1335	GW	VOC 8260 full list (EPA SW846-8260B)	3v
MW49A	↓ 1438	GW	VOC 8260 full list (EPA SW846-8260B)	↓
MW49B	1412	GW	VOC 8260 full list (EPA SW846-8260B)	
MW49BMS	1412	GW	VOC 8260 full list (EPA SW846-8260B)	
MW49BMSD	1412	GW	VOC 8260 full list (EPA SW846-8260B)	
MW49C	1344	GW	VOC 8260 full list (EPA SW846-8260B)	
		~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	
		~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	

Comments

Preservation "X" those applicable: Cool 4°C___ HNO3___ H2SO4___ NaOH___ NONE___ FROZEN___

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	6/18/13 12:30	[signature]	6/18/13
Samples Relinquished By	Date/Time	Samples Received in LAB by [signature]	6-18-13 1530

Temperature on Receipt: 3.7 °C