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PROJECT STATUS MEMORANDUM NO. 09-13

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

DATE: November 15, 2013

PROJECT: Rowe Industries Superfund Site
Groundwater Recovery and Treatment System
September 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 September 1, 2013 through September 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

(September 1, 2013 through September 30, 2013)

1. Hours of operation during the reporting period:	161 hours (22.5%)
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:	1,333,090 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:	0.03 pounds*
7. Cumulative mass of VOCs recovered since startup on 12/17/02: (calculations can be provided upon request)	226.1 pounds
8. Effluent VOC vapor concentration for the reporting period:	0.11 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 (0.00102 lbs/hr)

*Values represent the FSP&T and FP&T system recovery wells.

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) [2/]	VOC Recovery (lbs)
RW-2	275,685	27	13	5.1	0.012
RW-4	278,103	29	10	1.7	0.004
RW-6	139,130	15	15	3.5	0.004
RW-7	556,491	60	60	1.1	0.005

[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.

During routine O&M activities on August 20, 2013, it was observed that the Booster Blower (BB) was not operating and no alarms were recorded by the programmable logic computer (PLC) to indicate the reason or time of shut down. The FSP&T system remained off for troubleshooting and repairs for the remainder of August. Troubleshooting and repairs of the Booster Blower (BB) continued during the month of September. Troubleshooting and/or repairs were completed by technicians from Rockwell Automation, ACFM Dynamics, Healy Electric Contracting and the Long Island Power Authority (LIPA). Details of each inspection/repair are outlined on the Maintenance Log attached as Table 1. The FSP&T system was restarted on September 24. The decrease in the system operation time (161 hours or 22.5%) was due to the multiple electrical issues caused by inconsistent power from the street to the treatment building and resulting repairs to the BB.

Evaluation of Groundwater Quality

During September 2013, groundwater samples were collected from recovery wells RW-1, 2, 3, 4, 5, 6, 7, 8 and 9 as part of the semi-annual sampling event. Results of the September 2013 semi-annual sampling event will be discussed in the 2013 Annual Summary Report. 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 December. RW-1 will continue to be monitored semi-annually during 2014.

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

- RW-2 for 55 consecutive months (4 years and 7 months);
- RW-4 for 38 consecutive months (3 years and 2 month);
- RW-6 for 33 consecutive months (2 years and 9 months); and
- RW-7 for 39 consecutive months (3 years and 3 months).

FOCUS PUMP AND TREAT SYSTEM STATUS SUMMARY

LBG monitors the FP&T system for indications of any fouling that had been problematic with the FP&T system. During this reporting period, only low levels of iron bacterium accumulation was observed in the FRW-1, 2 and 3 flow meters, because the system did not operate for the majority of the month. The flow meters were cleaned once during the month of September.

The following table summarizes the parameters for the FRWs from September 24, 2013 through October 1, 2013.

Well	Volume Pumped (gal)	Total VOC Concentration (µg/L)	VOC Recovery (lbs)
FRW-1	25,655	157.4	0.034
FRW-2	1,038	188.1	0.002
FRW-3	1,891	55.8	0.001
FRW-4	70,398	26.1	0.015
Total	97,672 [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 once during the month of September. 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. FRW-1, 2, 3 and 4 were shut down on August 20, 2013 due to mechanical problems with the FSP&T system. The COC concentrations in the groundwater at the FDSA increased slightly during the month of September due to the temporary shutdown of the treatment system. The increase in the concentrations of COCs was comparable to previously observed increases following an extended system shutdown. The treatment system was restarted on September 24, and it is anticipated that the COC concentrations will decrease during the month of October. Groundwater samples from the FRWs will continue to be collected and analyzed monthly for quality trends.

OTHER O&M ACTIVITIES AND FUTURE O&M ACTIVITIES

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

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

- normal weekly/monthly O&M activities; and
- continued troubleshooting of the power issue with LIPA.

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\September\Status0913Sept.docx

TABLES

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

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

Date	Time	System Changes/Modifications	Personnel
9/1/2013	3:31 AM	Power failure alarm; the FSP&T and FP&T systems were already off due to a manual shutdown on August 20, 2013.	
9/3/2013		Troubleshot booster blower along with technicians from Rockwell Automation. Identified and replaced a malfunctioning booster blower contactor with the existing acid recirculation pump contactor. Tested the booster blower and air stripper blower and encountered an excessive mechanical vibration noise, scheduled ACFM Dynamics to inspect. Two new contactors were ordered.	SH/MG/Rockwell
	12:45 PM	Restarted the FSP&T system.	SH/MG
		Multiple power failure alarms occurred due to a thunder storm.	SH/MG
	3:30 PM	Shut down the FSP&T system awaiting additional evaluation of booster blower by ACFM Dynamics.	SH/MG
9/10/2013		Started semi-annual groundwater quality sampling.	CC
		Measured depth-to-water during static conditions in all piezometers, monitor and recovery wells.	SH/JM
9/11/2013		Technicians from ACFM Dynamics inspected the booster blower and found an unbalanced load anomaly, indications of power distribution problem within the treatment system or a problem with the power supply from the utility company and recommended that a licensed electrician complete a thorough inspection of the power supply. The unbalanced power supply was the suspected reason for the improper operation of the booster blower. During the testing of the booster blower operation, it was noted that the replacement contactor started smoking. The booster blower motor was shut off at thast time. No other causes of the excessive mechanical vibration noise was identified. All motor components were inspected and found to be in good working condition. The FSP&T system remained off pending evaluation by an electritician.	SH/ACFM
		Continued semi-annual groundwater quality sampling.	CC/JM
9/12/2013	12:00 PM	Restart the FSP&T system in order to collect recovery well samples and FSP&T system samples.	EF
		Completed the semi-annual groundwater quality sampling.	CC/JM/EF/PW
	1:10 PM	FSP&T system shutdown following sampling.	EF
9/19/2013	3:30 PM	Continued booster blower troubleshooting. Bypassed booster blower pressure sensor because it was not working properly. Left FSP&T system off.	SH
9/20/2013	9:00 AM	Technicians from Rockwell Automation changed the air stripper blower (ASB) alarm settings and installed new contactors for the booster blower and the acid transfer pump.	SH/Rockwell
		Technicians from Healy Electric troubleshot the power issues and determined that the FSP&T system is not receiving even power from the utility.	SH/Healy
		LBG contacted LIPA the local electric provided to schedule a service visit to evaluate the problem.	
9/21/2013		Electricians from LIPA repaired a faulty power junction on Sag Harbor Turnpike.	LIPA
9/24/2013	10:30 AM	Restarted the FSP&T system. However, during startup it was observed that the phase monitor locks out power to the booster blower when the FSP&T system transfer pumps or recovery wells turned on. The phase monitor had to be bypassed in order for the booster blower to operate. LIPA did not fix the problem completely; however the power problem was fixed sufficiently to operate the FSP&T system.	SH
	11:15 AM	Cleaned the FRW-1, 2 and 3 flow meter paddle wheels and restarted the FP&T system.	SH
		LIPA was notified of the continueing power problem.	

Notes:

CC	Caitlin Colwell
EF	Evan Foster
Healy	Healy Electric Contracting, Inc.,
JF	Jamie Forester
JM	James Muller
LIPA	Long Island Power Authority
MG	Mark Goldberg
PW	Patrick Welsh
Rockwell	Rockwell Automation
SH	Steve Hnat

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**	**---**	**---**
3-Sep-13	7.2	27	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	37.90	ND<0.02
12-Sep-13	7.3	108	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	43.90	0.027
24-Sep-13	7.1	168	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	13.70	0.080

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
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
AQ072913:1300NP4-1	7/29/2013	13:00	0.0240	0.0092	0.0100	ND	ND	ND	ND	ND	ND	ND	0.0092	ND	ND	ND	0.09
1/	Aug 2013	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AQ090313:1350NP4-1	9/3/2013	13:50	0.0010	ND	ND	ND	ND	ND	ND	0.0015	0.0009	ND	ND	0.0023	ND	0.0012	0.03

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
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
AQ072913:1305NP4-2	7/29/2013	13:05	0.0540	ND	0.0100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06
1/	Aug 2013	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AQ090313:1355NP4-2	9/3/2013	13:55	0.0440	0.0029	0.0410	0.0013	0.0100	0.0050	ND	0.0013	0.0014	0.0005	0.0077	0.0025	ND	0.0044	0.16

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
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
AQ072913:1310NP4-3	7/29/2013	13:10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01
1/	Aug 2013	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
AQ090313:1400NP4-3	9/3/2013	14:00	0.0015	0.0011	0.0440	0.0013	0.0100	0.0046	ND	0.0006	ND	ND	0.0094	0.0034	ND	0.0067	0.11

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.
1/ Air samples were not collected during the month of August 2013 because the FSP&T system was inoperable at the time of the scheduled sampling event and for the reminder of the month.

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
	12-Sep-13	ND<0.5	ND<0.5	ND<0.5	0.92	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	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
	29-Jul-13	0.93	0.54	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.61	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	Aug 2013 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12-Sep-13	2.0	1.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.1	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/]	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
	12-Sep-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	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
	29-Jul-13	0.93	ND<0.5	1.3	0.29 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
	Aug 2013 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12-Sep-13	1.40	0.25 J	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-5 [3/]	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
	12-Sep-13	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
RW-6	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
	29-Jul-13	1.7	ND<0.5	0.50	0.27 J	ND<0.5	0.34 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	Aug 2013 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12-Sep-13	1.9	ND<0.5	0.89	0.22 J	ND<0.5	0.51	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	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
	29-Jul-13	0.65	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
	Aug 2013 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12-Sep-13	1.1	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-8 [3/]	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
	12-Sep-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/]	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
	12-Sep-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/] The recovery wells were not sampled because the FSP&T system was inoperable during and following the scheduled sampling event.
[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**
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
23-Jul-13	**77**	**6.2**	**27**	ND<0.5	**27**	0.5	0.22 J	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
20-Aug-13	**21**	**11**	**21**	ND<0.5	ND<0.5	ND<0.5	0.25 J	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	1.1 J
The FRWs were shut down on August 20, 2013																			
11-Sep-13	**42**	4.1	**110**	ND<0.5	0.73	0.58	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	1.4 J,B

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
TCE: Trichloroethene
cis12DCE: cis-1,2-Dichloroethene
TCA: 1,1,1-Trichloroethane
11DCA: 1,1-Dichloroethane
11DCE: 1,1-Dichloroethylene
T12DCE: trans-1,2-Dichloroethylene
135TMB: 1,3,5-Trimethylbenzene
124TCB: 1,2,4-Trichlorobenzene
124TMB: 1,2,4-Trimethylbenzene
EB: Ethyl Benzene
VC: Vinyl chloride
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 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**
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
23-Jul-13	**28**	3.1	**17**	ND<0.5	**2.2**	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<2	3.8
20-Aug-13	**36**	1.7	2.6	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<2
The FRWs were shut down on August 20, 2013														
11-Sep-13	**20**	2.2	**160**	ND<0.5	**5.0**	0.47 J	0.23 J	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<2	14 B

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
23-Jul-13	**52**	**10**	**35**	**2.4**	0.28 J	0.42 J	ND<0.5	0.95	0.62	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	ND<2
20-Aug-13	**12**	1.7	**8.5**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.81	0.57	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	ND<2
The FRWs were shut down on August 20, 2013																					
11-Sep-13	**27**	3.1	**21**	**2.5**	0.30 J	0.23 J	ND<0.5	0.90	0.75	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	1.7 J,B

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
25-Jul-13	**27**	4.9	4.9	ND<0.5	0.69	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	2.7
20-Aug-13	**6.1**	0.8	1.7	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	ND<2
The FRWs were shut down on August 20, 2013											
11-Sep-13	**19**	2.7	4.1	ND<0.5	0.34 J	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	1.9 J,B

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

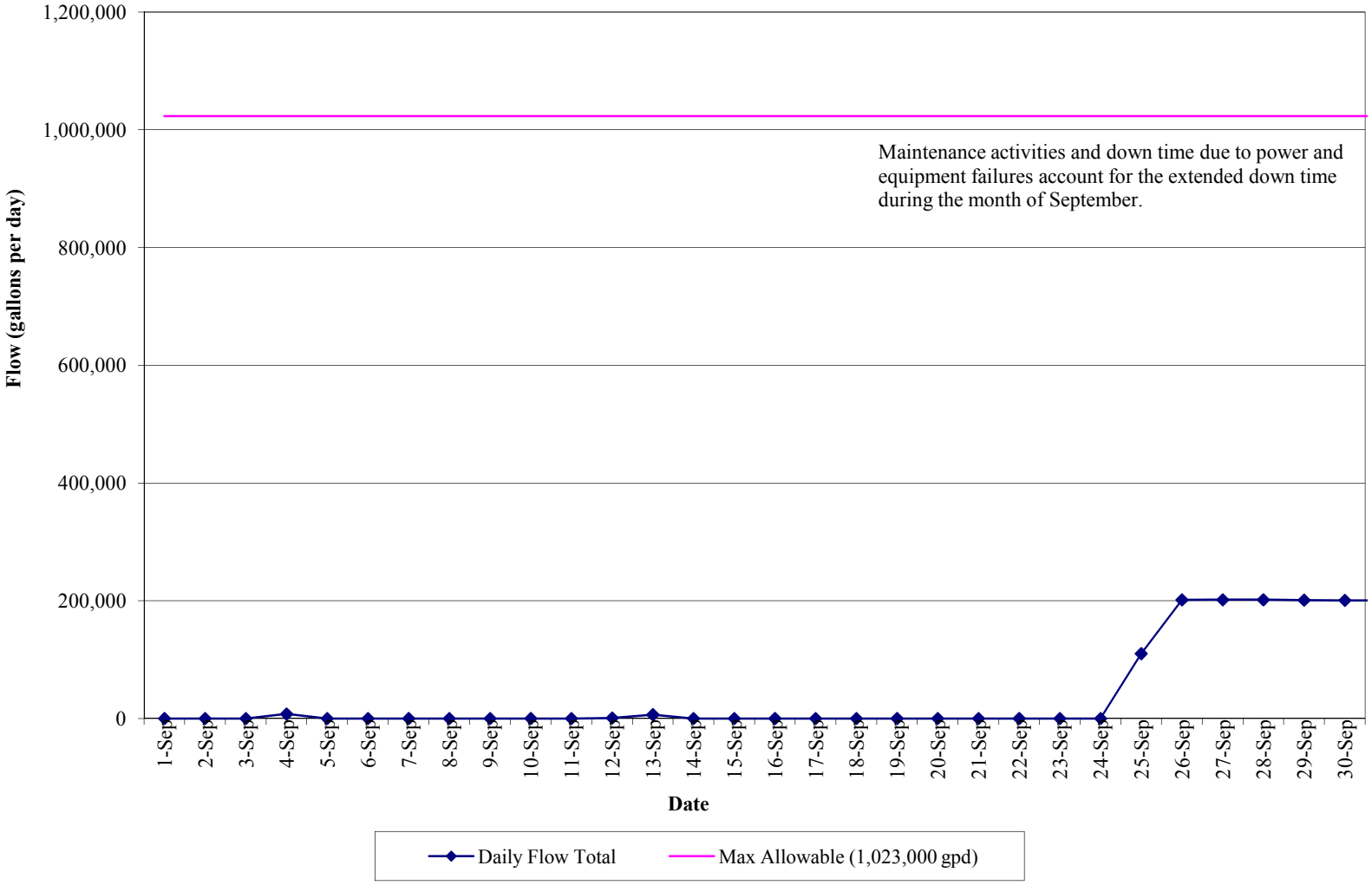
PCE: Tetrachloroethylene	TCE: Trichloroethene	cis12DCE: cis-1,2-Dichloroethene
IPB: Isopropylbenzene	NPB: n-Propylbenzene	NBB: n-Butylbenzene
VMC: Metylene Chloride	TCA: 1,1,1-Trichloroethane	C: Vinyl Chloride

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

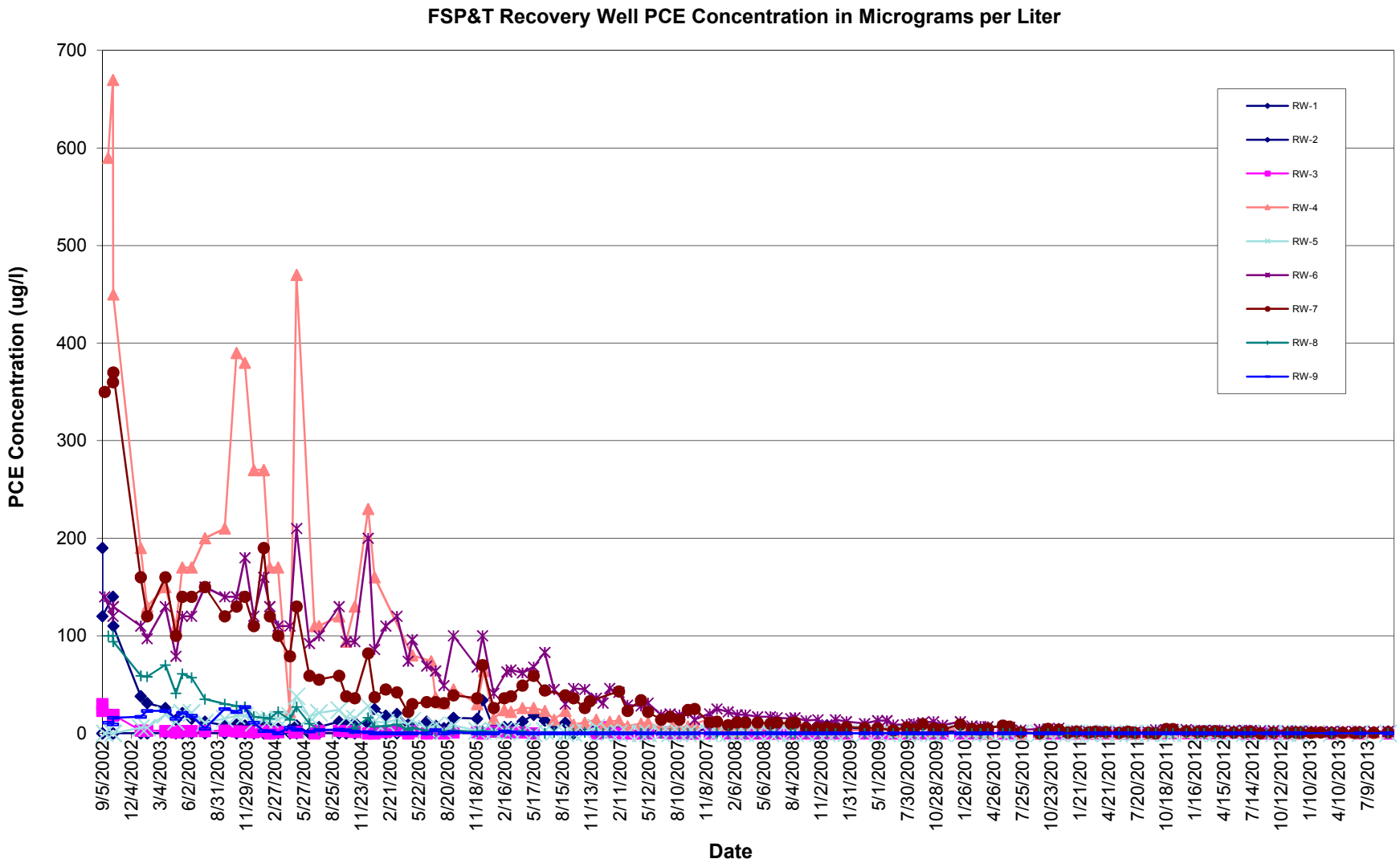
GRAPH 1
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

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



GRAPH 2

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



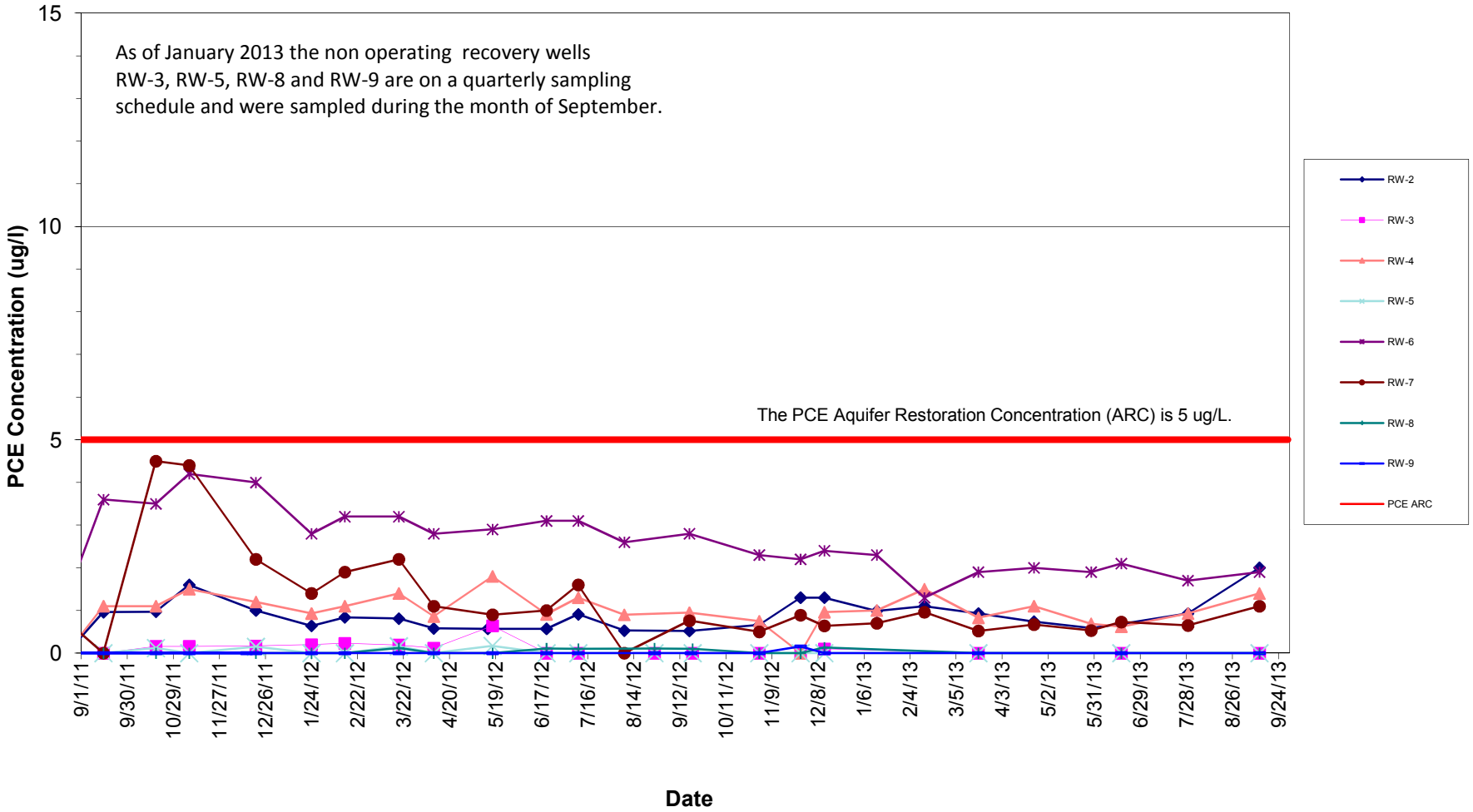
K:\Jobs\Kraft Foods Global, Inc\ROWE Industries\Ground Water\O&M\FSP&T\Monthly Reports\2013\September 2013\
DischargeWaterQualitySept.xls

LBG ENGINEERING SERVICES, P.C.

GRAPH 3

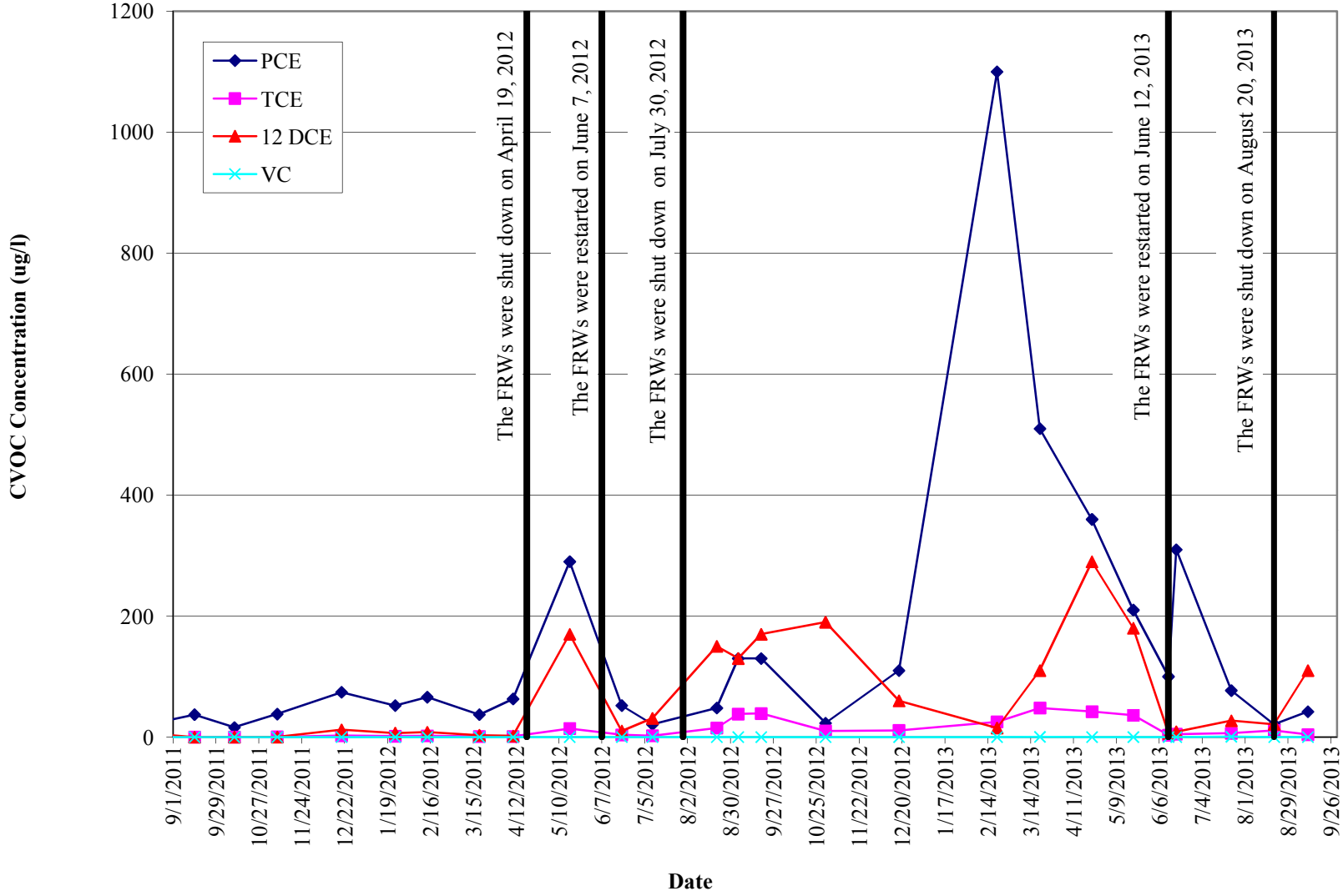
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FSP&T Recovery Well PCE Concentration



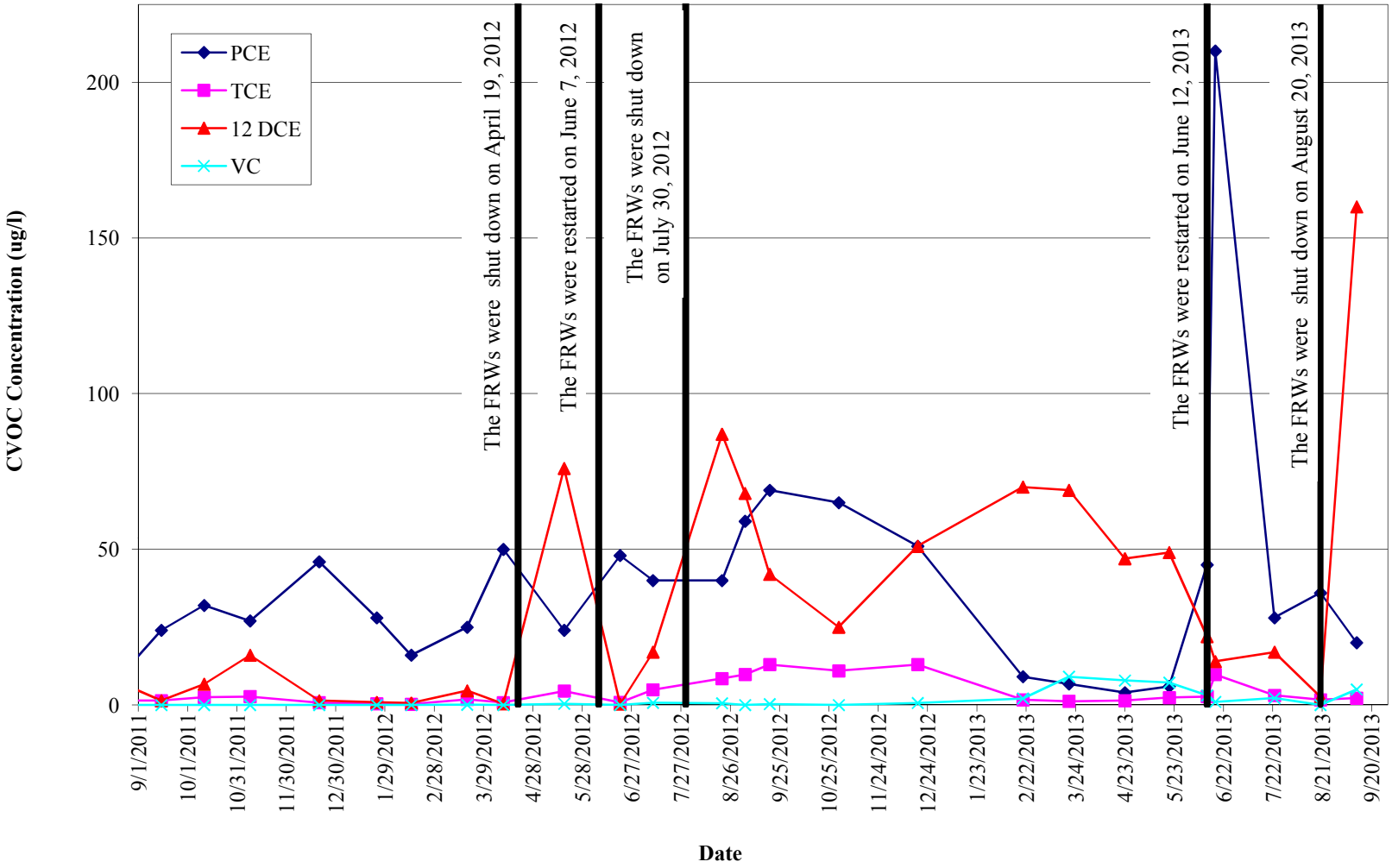
GRAPH 4
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-1



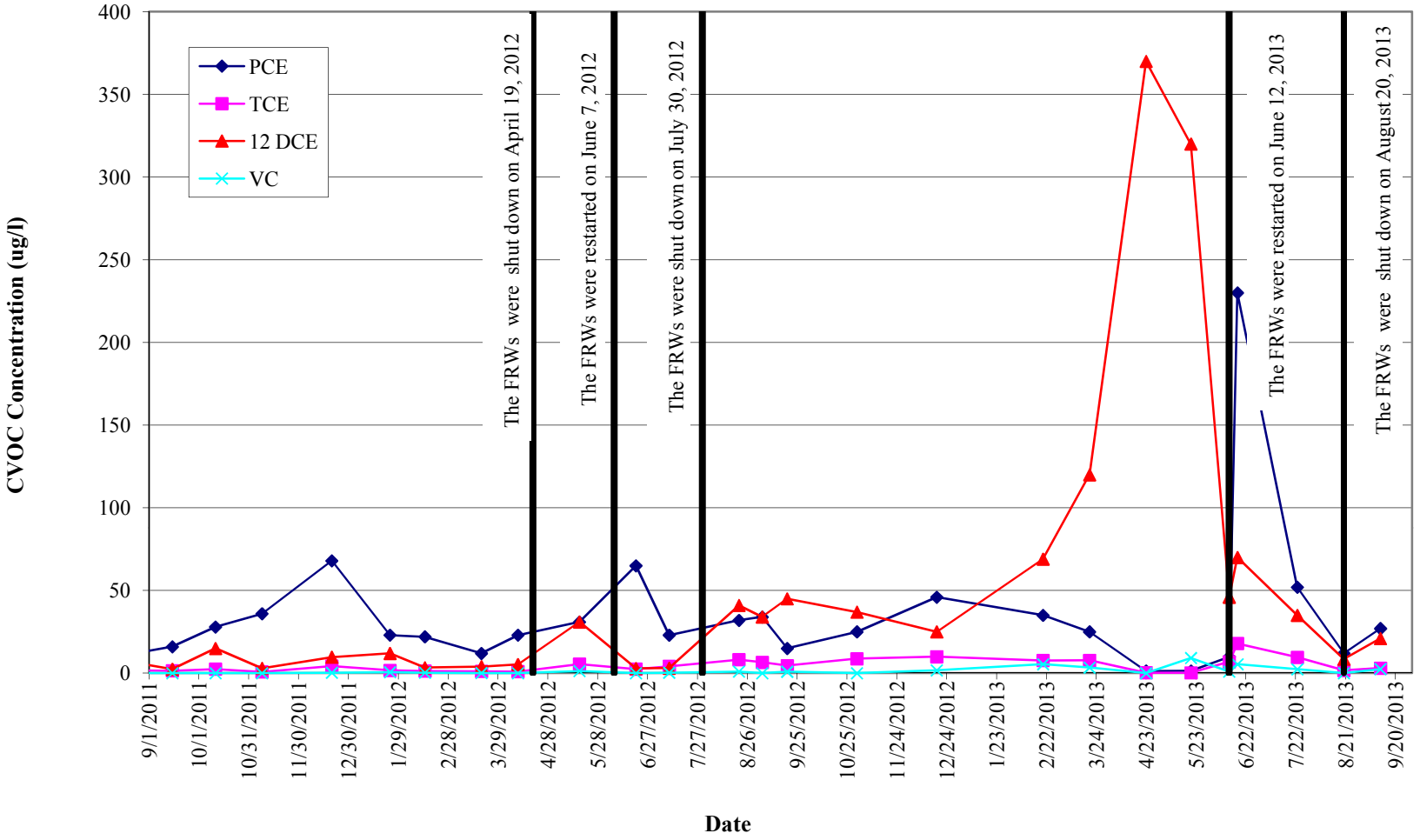
GRAPH 5
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-2



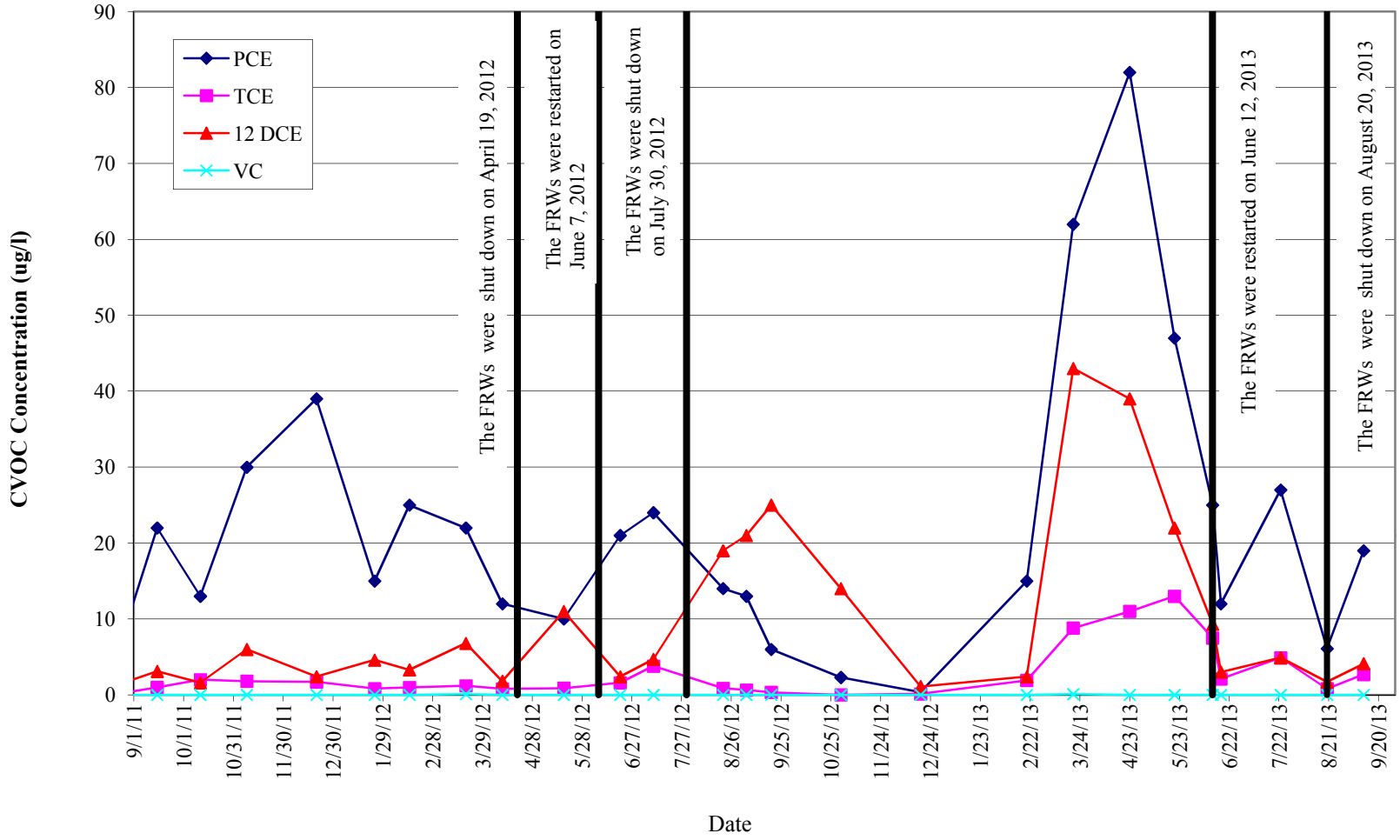
GRAPH 6
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

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
SEPTEMBER 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: 09/12/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13I0195

Report Date: 09/12/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13I0195

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 September 05, 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
13I0195-01	WQ090313:1330NP2-6	Water	09/03/2013	09/05/2013
13I0195-02	WQ090313:1335NP2-7	Water	09/03/2013	09/05/2013
13I0196-01	WQ090313:1340NP2-10	Water	09/03/2013	09/05/2013

General Notes for York Project (SDG) No.: 13I0195

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: 09/12/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ090313:1330NP2-6 **York Sample ID:** 13I0195-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0195	Rowe Industries	Water	September 3, 2013 1:30 pm	09/05/2013

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	09/06/2013 11:43	09/07/2013 14:47	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
67-64-1	Acetone	**1.0**	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK

Sample Information

Client Sample ID: WQ090313:1330NP2-6 **York Sample ID:** 13I0195-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0195	Rowe Industries	Water	September 3, 2013 1:30 pm	09/05/2013

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	09/06/2013 11:43	09/07/2013 14:47	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
156-59-2	cis-1,2-Dichloroethylene	**0.34**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
127-18-4	Tetrachloroethylene	**1.4**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
79-01-6	Trichloroethylene	**0.26**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:47	BK

Sample Information

Client Sample ID: WQ090313:1330NP2-6 **York Sample ID:** 13I0195-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0195	Rowe Industries	Water	September 3, 2013 1:30 pm	09/05/2013

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*	*98.5 %*		*79-133*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*116 %*		*65-133*							
2037-26-5	*Surrogate: Toluene-d8*	*103 %*		*80-123*							

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	**23.7**		mg/L	0.0146	0.0200	1	EPA 200.7	09/06/2013 15:26	09/06/2013 20:33	MW

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	0.0200	0.0200	1	EPA SW846-6010B	09/06/2013 15:19	09/06/2013 18:07	MW

Sample Information

Client Sample ID: WQ090313:1335NP2-7 **York Sample ID:** 13I0195-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0195	Rowe Industries	Water	September 3, 2013 1:35 pm	09/05/2013

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	09/06/2013 11:43	09/07/2013 15:23	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK

Sample Information

Client Sample ID: WQ090313:1335NP2-7 **York Sample ID:** 13I0195-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0195	Rowe Industries	Water	September 3, 2013 1:35 pm	09/05/2013

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	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
67-64-1	Acetone	**1.5**	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK

Sample Information

Client Sample ID: WQ090313:1335NP2-7 **York Sample ID:** 13I0195-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0195	Rowe Industries	Water	September 3, 2013 1:35 pm	09/05/2013

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	09/06/2013 11:43	09/07/2013 15:23	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 15:23	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.7 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*117 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*80-123*

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	**52.9**		mg/L	0.0146	0.0200	1	EPA 200.7	09/06/2013 15:26	09/06/2013 20:38	MW

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	0.0200	0.0200	1	EPA SW846-6010B	09/06/2013 15:19	09/06/2013 18:12	MW

Sample Information

Client Sample ID: WQ090313:1340NP2-10 **York Sample ID:** 13I0196-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0196	Rowe Industries	Water	September 3, 2013 1:40 pm	09/05/2013

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	09/06/2013 11:43	09/07/2013 14:10	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
67-64-1	Acetone	**1.3**	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK

Sample Information

Client Sample ID: WQ090313:1340NP2-10 **York Sample ID:** 13I0196-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0196	Rowe Industries	Water	September 3, 2013 1:40 pm	09/05/2013

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	09/06/2013 11:43	09/07/2013 14:10	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/06/2013 11:43	09/07/2013 14:10	BK

Sample Information

Client Sample ID: WQ090313:1340NP2-10 **York Sample ID:** 13I0196-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0196	Rowe Industries	Water	September 3, 2013 1:40 pm	09/05/2013

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*	*95.4 %*			*79-133*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*120 %*			*65-133*						
2037-26-5	*Surrogate: Toluene-d8*	*101 %*			*80-123*						

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	**37.9**		mg/L	0.0146	0.0200	1	EPA 200.7	09/06/2013 15:26	09/06/2013 20:43	MW

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	0.0200	0.0200	1	EPA SW846-6010B	09/06/2013 15:19	09/06/2013 18:17	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	**27.0**		mg/L	1.00	1.00	1	SM 2540C	09/10/2013 08:35	09/10/2013 13:10	BGS

Analytical Batch Summary

Batch ID: BI30270 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13I0195-01	WQ090313:1330NP2-6	09/06/13
13I0195-02	WQ090313:1335NP2-7	09/06/13
13I0196-01	WQ090313:1340NP2-10	09/06/13
BI30270-BLK1	Blank	09/06/13
BI30270-DUP1	Duplicate	09/06/13
BI30270-MS1	Matrix Spike	09/06/13
BI30270-SRM1	Reference	09/06/13

Batch ID: BI30271 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13I0195-01	WQ090313:1330NP2-6	09/06/13
13I0195-02	WQ090313:1335NP2-7	09/06/13
13I0196-01	WQ090313:1340NP2-10	09/06/13
BI30271-BLK1	Blank	09/06/13
BI30271-DUP1	Duplicate	09/06/13
BI30271-MS1	Matrix Spike	09/06/13
BI30271-SRM1	Reference	09/06/13

Batch ID: BI30291 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13I0195-01	WQ090313:1330NP2-6	09/06/13
13I0195-02	WQ090313:1335NP2-7	09/06/13
13I0196-01	WQ090313:1340NP2-10	09/06/13
BI30291-BLK1	Blank	09/07/13
BI30291-BS1	LCS	09/07/13
BI30291-BSD1	LCS Dup	09/07/13

Batch ID: BI30380 **Preparation Method:** % Solids Prep **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13I0196-01	WQ090313:1340NP2-10	09/10/13
BI30380-BLK1	Blank	09/10/13

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30291 - EPA 5030B											
Blank (BI30291-BLK1)											Prepared & Analyzed: 09/07/2013
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	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.2	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 GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30291 - EPA 5030B											
Blank (BI30291-BLK1)								Prepared & Analyzed: 09/07/2013			
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	*9.78*		*"*	*10.0*		*97.8*	*79-133*				
Surrogate: p-Bromofluorobenzene	*11.3*		*"*	*10.0*		*113*	*65-133*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*80-123*				
LCS (BI30291-BS1)								Prepared & Analyzed: 09/07/2013			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	84-127				
1,1,1-Trichloroethane	9.42		"	10.0		94.2	80-131				
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.82		"	10.0		98.2	70-133				
1,1,2-Trichloroethane	9.91		"	10.0		99.1	73-124				
1,1-Dichloroethane	9.10		"	10.0		91.0	79-123				
1,1-Dichloroethylene	8.85		"	10.0		88.5	71-123				
1,1-Dichloropropylene	9.27		"	10.0		92.7	73-117				
1,2,3-Trichlorobenzene	10.0		"	10.0		100	78-117				
1,2,3-Trichloropropane	9.76		"	10.0		97.6	68-119				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	78-117				
1,2,4-Trimethylbenzene	9.87		"	10.0		98.7	68-134				
1,2-Dibromo-3-chloropropane	11.1		"	10.0		111	73-129				
1,2-Dibromoethane	9.96		"	10.0		99.6	73-139				
1,2-Dichlorobenzene	10.2		"	10.0		102	83-110				
1,2-Dichloroethane	9.20		"	10.0		92.0	81-120				
1,2-Dichloropropane	9.67		"	10.0		96.7	76-120				
1,3,5-Trimethylbenzene	9.12		"	10.0		91.2	74-121				
1,3-Dichlorobenzene	9.81		"	10.0		98.1	82-112				
1,3-Dichloropropane	9.83		"	10.0		98.3	77-122				
1,4-Dichlorobenzene	9.71		"	10.0		97.1	83-110				
2,2-Dichloropropane	9.68		"	10.0		96.8	50-163				
2-Chlorotoluene	9.37		"	10.0		93.7	74-115				
2-Hexanone	10.9		"	10.0		109	65-130				
4-Chlorotoluene	9.46		"	10.0		94.6	77-119				
Acetone	9.98		"	10.0		99.8	54-129				
Benzene	9.50		"	10.0		95.0	77-122				
Bromobenzene	9.95		"	10.0		99.5	76-114				
Bromochloromethane	9.23		"	10.0		92.3	73-125				
Bromodichloromethane	9.79		"	10.0		97.9	83-120				
Bromoform	10.5		"	10.0		105	72-139				
Bromomethane	7.61		"	10.0		76.1	52-128				
Carbon tetrachloride	9.56		"	10.0		95.6	66-152				
Chlorobenzene	9.81		"	10.0		98.1	85-113				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30291 - EPA 5030B											
LCS (BI30291-BS1)								Prepared & Analyzed: 09/07/2013			
Chloroethane	8.74		ug/L	10.0		87.4	60-124				
Chloroform	9.43		"	10.0		94.3	82-119				
Chloromethane	8.94		"	10.0		89.4	42-126				
cis-1,2-Dichloroethylene	9.44		"	10.0		94.4	79-116				
cis-1,3-Dichloropropylene	10.8		"	10.0		108	85-134				
Dibromochloromethane	10.4		"	10.0		104	74-151				
Dibromomethane	9.70		"	10.0		97.0	74-128				
Dichlorodifluoromethane	8.61		"	10.0		86.1	10-146				
Ethyl Benzene	10.3		"	10.0		103	85-125				
Hexachlorobutadiene	11.0		"	10.0		110	69-131				
Isopropylbenzene	9.86		"	10.0		98.6	71-128				
Methyl tert-butyl ether (MTBE)	9.69		"	10.0		96.9	51-134				
Methylene chloride	8.35		"	10.0		83.5	76-122				
Naphthalene	10.7		"	10.0		107	72-127				
n-Butylbenzene	10.1		"	10.0		101	69-127				
n-Propylbenzene	9.67		"	10.0		96.7	70-129				
o-Xylene	10.0		"	10.0		100	83-117				
p- & m- Xylenes	20.9		"	20.0		104	80-126				
p-Isopropyltoluene	10.2		"	10.0		102	74-130				
sec-Butylbenzene	10.1		"	10.0		101	72-132				
Styrene	10.3		"	10.0		103	62-160				
tert-Butylbenzene	11.1		"	10.0		111	75-129				
Tetrachloroethylene	9.74		"	10.0		97.4	67-118				
Toluene	9.79		"	10.0		97.9	82-118				
trans-1,2-Dichloroethylene	9.11		"	10.0		91.1	76-119				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	80-137				
Trichloroethylene	9.77		"	10.0		97.7	71-122				
Trichlorofluoromethane	9.13		"	10.0		91.3	67-130				
Vinyl Chloride	9.04		"	10.0		90.4	49-125				
Surrogate: 1,2-Dichloroethane-d4	*9.65*		*"*	*10.0*		*96.5*	*79-133*				
Surrogate: p-Bromofluorobenzene	*9.67*		*"*	*10.0*		*96.7*	*65-133*				
Surrogate: Toluene-d8	*9.93*		*"*	*10.0*		*99.3*	*80-123*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30291 - EPA 5030B											
LCS Dup (BI30291-BSD1)								Prepared & Analyzed: 09/07/2013			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	84-127		0.198	30	
1,1,1-Trichloroethane	9.47		"	10.0		94.7	80-131		0.529	30	
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	76-120		5.66	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	70-133		3.11	30	
1,1,2-Trichloroethane	10.2		"	10.0		102	73-124		2.59	30	
1,1-Dichloroethane	9.20		"	10.0		92.0	79-123		1.09	30	
1,1-Dichloroethylene	8.50		"	10.0		85.0	71-123		4.03	30	
1,1-Dichloropropylene	9.03		"	10.0		90.3	73-117		2.62	30	
1,2,3-Trichlorobenzene	10.4		"	10.0		104	78-117		4.20	30	
1,2,3-Trichloropropane	10.6		"	10.0		106	68-119		8.16	30	
1,2,4-Trichlorobenzene	10.3		"	10.0		103	78-117		0.783	30	
1,2,4-Trimethylbenzene	6.07		"	10.0		60.7	68-134	Low Bias	47.7	30	Non-dir.
1,2-Dibromo-3-chloropropane	11.2		"	10.0		112	73-129		0.895	30	
1,2-Dibromoethane	10.6		"	10.0		106	73-139		5.85	30	
1,2-Dichlorobenzene	10.2		"	10.0		102	83-110		0.196	30	
1,2-Dichloroethane	9.65		"	10.0		96.5	81-120		4.77	30	
1,2-Dichloropropane	9.79		"	10.0		97.9	76-120		1.23	30	
1,3,5-Trimethylbenzene	7.99		"	10.0		79.9	74-121		13.2	30	
1,3-Dichlorobenzene	9.77		"	10.0		97.7	82-112		0.409	30	
1,3-Dichloropropane	10.1		"	10.0		101	77-122		2.31	30	
1,4-Dichlorobenzene	9.77		"	10.0		97.7	83-110		0.616	30	
2,2-Dichloropropane	9.51		"	10.0		95.1	50-163		1.77	30	
2-Chlorotoluene	9.15		"	10.0		91.5	74-115		2.38	30	
2-Hexanone	11.8		"	10.0		118	65-130		8.45	30	
4-Chlorotoluene	9.20		"	10.0		92.0	77-119		2.79	30	
Acetone	11.1		"	10.0		111	54-129		11.0	30	
Benzene	9.65		"	10.0		96.5	77-122		1.57	30	
Bromobenzene	10.2		"	10.0		102	76-114		2.09	30	
Bromochloromethane	9.05		"	10.0		90.5	73-125		1.97	30	
Bromodichloromethane	9.98		"	10.0		99.8	83-120		1.92	30	
Bromoform	11.0		"	10.0		110	72-139		4.37	30	
Bromomethane	7.59		"	10.0		75.9	52-128		0.263	30	
Carbon tetrachloride	9.52		"	10.0		95.2	66-152		0.419	30	
Chlorobenzene	9.89		"	10.0		98.9	85-113		0.812	30	
Chloroethane	8.68		"	10.0		86.8	60-124		0.689	30	
Chloroform	9.56		"	10.0		95.6	82-119		1.37	30	
Chloromethane	9.24		"	10.0		92.4	42-126		3.30	30	
cis-1,2-Dichloroethylene	9.75		"	10.0		97.5	79-116		3.23	30	
cis-1,3-Dichloropropylene	10.8		"	10.0		108	85-134		0.278	30	
Dibromochloromethane	10.6		"	10.0		106	74-151		2.48	30	
Dibromomethane	10.2		"	10.0		102	74-128		5.42	30	
Dichlorodifluoromethane	8.96		"	10.0		89.6	10-146		3.98	30	
Ethyl Benzene	10.0		"	10.0		100	85-125		2.46	30	
Hexachlorobutadiene	10.7		"	10.0		107	69-131		2.49	30	
Isopropylbenzene	9.47		"	10.0		94.7	71-128		4.04	30	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	51-134		4.64	30	
Methylene chloride	8.41		"	10.0		84.1	76-122		0.716	30	
Naphthalene	9.89		"	10.0		98.9	72-127		8.24	30	
n-Butylbenzene	9.58		"	10.0		95.8	69-127		5.48	30	
n-Propylbenzene	9.37		"	10.0		93.7	70-129		3.15	30	
o-Xylene	9.43		"	10.0		94.3	83-117		6.37	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30291 - EPA 5030B											
LCS Dup (BI30291-BSD1)								Prepared & Analyzed: 09/07/2013			
p- & m- Xylenes	19.0		ug/L	20.0		95.0	80-126		9.53	30	
p-Isopropyltoluene	9.15		"	10.0		91.5	74-130		11.0	30	
sec-Butylbenzene	9.82		"	10.0		98.2	72-132		2.61	30	
Styrene	4.92		"	10.0		49.2	62-160	Low Bias	70.9	30	Non-dir.
tert-Butylbenzene	10.4		"	10.0		104	75-129		6.88	30	
Tetrachloroethylene	9.53		"	10.0		95.3	67-118		2.18	30	
Toluene	9.64		"	10.0		96.4	82-118		1.54	30	
trans-1,2-Dichloroethylene	8.96		"	10.0		89.6	76-119		1.66	30	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	80-137		0.472	30	
Trichloroethylene	9.69		"	10.0		96.9	71-122		0.822	30	
Trichlorofluoromethane	9.06		"	10.0		90.6	67-130		0.770	30	
Vinyl Chloride	8.94		"	10.0		89.4	49-125		1.11	30	
Surrogate: 1,2-Dichloroethane-d4	*9.77*		*"*	*10.0*		*97.7*	*79-133*				
Surrogate: p-Bromofluorobenzene	*9.67*		*"*	*10.0*		*96.7*	*65-133*				
Surrogate: Toluene-d8	*9.72*		*"*	*10.0*		*97.2*	*80-123*				

Metals by ICP - 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 BI30270 - EPA 3010A											
Blank (BI30270-BLK1)								Prepared & Analyzed: 09/06/2013			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BI30270-DUP1)	*Source sample: 13I0196-01 (WQ090313:1340NP2-10)							Prepared & Analyzed: 09/06/2013			
Iron - Dissolved	ND	0.0200	mg/L		ND					20	
Matrix Spike (BI30270-MS1)	*Source sample: 13I0196-01 (WQ090313:1340NP2-10)							Prepared & Analyzed: 09/06/2013			
Iron - Dissolved	1.07	0.0200	mg/L	1.00	ND	107	75-125				
Reference (BI30270-SRM1)								Prepared & Analyzed: 09/06/2013			
Iron - Dissolved	1.42	0.0200	mg/L	1.39		102	88.4-113				
Batch BI30271 - EPA 3010A											
Blank (BI30271-BLK1)								Prepared & Analyzed: 09/06/2013			
Iron	ND	0.0200	mg/L								
Duplicate (BI30271-DUP1)	*Source sample: 13I0196-01 (WQ090313:1340NP2-10)							Prepared & Analyzed: 09/06/2013			
Iron	38.1	0.0200	mg/L		37.9				0.301	20	
Matrix Spike (BI30271-MS1)	*Source sample: 13I0196-01 (WQ090313:1340NP2-10)							Prepared & Analyzed: 09/06/2013			
Iron	39.1	0.0200	mg/L	1.00	37.9	119	75-125				
Reference (BI30271-SRM1)								Prepared & Analyzed: 09/06/2013			
Iron	1.41	0.0200	mg/L	1.39		102	88.4-113				

Miscellaneous Physical 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 BI30380 - % Solids Prep											
Blank (BI30380-BLK1)											Prepared: 09/10/2013 Analyzed: 09/12/2013
Total Dissolved Solids	ND	1.00	mg/L								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13I0195-01	WQ090313:1330NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0195-02	WQ090313:1335NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0196-01	WQ090313:1340NP2-10	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.
M-LSRD	Original sample conc <50 X reporting limit.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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. 13I0195

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.: NABSAG.

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): [signature]

Name (printed): STEPHEN HMAT

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ090313:1330NP2-6	9/3/13 1330	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	3 - 2c
WQ090313:1335NP2-7	↓ 1335	GW	↓	3 - 2c
WQ090313:1340NP2-10	↓ 1340	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)	3 - 3c

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
LBG FRIDGE by M. Suave	09/05/2013 @1213	[signature]	9/05/13 1213
Samples Relinquished By	Date/Time	Samples Received in LAB by: [signature]	9/5/13 - 1550

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. 13I0196

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]

Name (printed): STEPHEN HNAT

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	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)
WQ090313:1330NP2-6	9/3/13	1330	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	3v 2P
WQ090313:1335NP2-7	↓	1335	GW	↓	3v 2P
WQ090313:1340NP2-10	↓	1340	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
LBG FRIDGE BY M. Sur...	09/05/2013 @1213	[signature]	9/05/13 1713
Samples Relinquished By	Date/Time	Samples Received in LAB by [signature]	9/5/13-1550 Date/Time

Temperature on Receipt 4.3 °C

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Mark Goldberg

Report Date: 09/19/2013
Client Project ID: O&M Sag Harbor (Rowe Industries Site)
York Project (SDG) No.: 13I0540

Report Date: 09/19/2013
Client Project ID: O&M Sag Harbor (Rowe Industries Site)
York Project (SDG) No.: 13I0540

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Mark Goldberg

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 September 13, 2013 and listed below. The project was identified as your project: **O&M Sag Harbor (Rowe Industries Site)**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13I0540-01	WQ091213:1200NP2-6	Water	09/12/2013	09/13/2013
13I0540-02	WQ091213:1210NP2-7	Water	09/12/2013	09/13/2013
13I0542-01	WQ091213:1220NP2-10	Water	09/13/2013	09/13/2013

General Notes for York Project (SDG) No.: 13I0540

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: 09/19/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ091213:1200NP2-6 **York Sample ID:** 13I0540-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0540	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 12:00 pm	09/13/2013

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	09/16/2013 12:26	09/17/2013 05:27	BK
71-55-6	1,1,1-Trichloroethane	**0.21**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK

Sample Information

Client Sample ID: WQ091213:1200NP2-6 **York Sample ID:** 13I0540-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0540	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 12:00 pm	09/13/2013

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	09/16/2013 12:26	09/17/2013 05:27	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
156-59-2	cis-1,2-Dichloroethylene	**0.47**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
127-18-4	Tetrachloroethylene	**1.1**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
79-01-6	Trichloroethylene	**0.25**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 05:27	BK

Sample Information

Client Sample ID: WQ091213:1200NP2-6 **York Sample ID:** 13I0540-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0540	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 12:00 pm	09/13/2013

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*	*120 %*		*79-133*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*117 %*		*65-133*							
2037-26-5	*Surrogate: Toluene-d8*	*99.6 %*		*80-123*							

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	**11.9**		mg/L	0.0146	0.0200	1	EPA 200.7	09/16/2013 14:11	09/16/2013 17:29	MW

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	0.0200	0.0200	1	EPA SW846-6010B	09/16/2013 14:08	09/16/2013 16:20	MW

Sample Information

Client Sample ID: WQ091213:1210NP2-7 **York Sample ID:** 13I0540-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0540	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 12:10 pm	09/13/2013

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	09/16/2013 12:26	09/17/2013 06:04	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK

Sample Information

Client Sample ID: WQ091213:1210NP2-7 **York Sample ID:** 13I0540-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0540	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 12:10 pm	09/13/2013

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	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
67-64-1	Acetone	**1.5**	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK

Sample Information

Client Sample ID: WQ091213:1210NP2-7 **York Sample ID:** 13I0540-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0540	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 12:10 pm	09/13/2013

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	09/16/2013 12:26	09/17/2013 06:04	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 06:04	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*115 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*121 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*96.5 %*	*80-123*

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	**48.4**		mg/L	0.0146	0.0200	1	EPA 200.7	09/16/2013 14:11	09/16/2013 17:34	MW

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	**0.0207**		mg/L	0.0200	0.0200	1	EPA SW846-6010B	09/16/2013 14:08	09/16/2013 16:24	MW

Sample Information

Client Sample ID: WQ091213:1220NP2-10 **York Sample ID:** 13I0542-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0542	O&M Sag Harbor (Rowe Industries Site)	Water	September 13, 2013 12:20 pm	09/13/2013

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	09/16/2013 08:14	09/16/2013 19:13	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
67-64-1	Acetone	**1.3**	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK

Sample Information

Client Sample ID: WQ091213:1220NP2-10 **York Sample ID:** 13I0542-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0542	O&M Sag Harbor (Rowe Industries Site)	Water	September 13, 2013 12:20 pm	09/13/2013

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	09/16/2013 08:14	09/16/2013 19:13	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 19:13	BK

Sample Information

Client Sample ID: WQ091213:1220NP2-10 **York Sample ID:** 13I0542-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0542	O&M Sag Harbor (Rowe Industries Site)	Water	September 13, 2013 12:20 pm	09/13/2013

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*	*103 %*			*79-133*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*114 %*			*65-133*						
2037-26-5	*Surrogate: Toluene-d8*	*97.8 %*			*80-123*						

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	**43.9**		mg/L	0.0146	0.0200	1	EPA 200.7	09/16/2013 14:11	09/16/2013 17:39	MW

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	**0.0272**		mg/L	0.0200	0.0200	1	EPA SW846-6010B	09/16/2013 14:08	09/16/2013 16:29	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	**108**		mg/L	20.0	20.0	1	SM 2540C	09/18/2013 08:39	09/19/2013 15:39	BGS

Analytical Batch Summary

Batch ID: BI30652 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13I0542-01	WQ091213:1220NP2-10	09/16/13
BI30652-BLK1	Blank	09/16/13
BI30652-BS1	LCS	09/16/13
BI30652-BSD1	LCS Dup	09/16/13

Batch ID: BI30664 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13I0540-01	WQ091213:1200NP2-6	09/16/13
13I0540-02	WQ091213:1210NP2-7	09/16/13
BI30664-BLK1	Blank	09/16/13
BI30664-BS1	LCS	09/16/13
BI30664-BSD1	LCS Dup	09/16/13

Batch ID: BI30673 **Preparation Method:** EPA 3010A **Prepared By:** MW

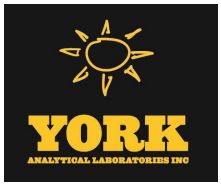
YORK Sample ID	Client Sample ID	Preparation Date
13I0540-01	WQ091213:1200NP2-6	09/16/13
13I0540-02	WQ091213:1210NP2-7	09/16/13
13I0542-01	WQ091213:1220NP2-10	09/16/13
BI30673-BLK1	Blank	09/16/13
BI30673-DUP1	Duplicate	09/16/13
BI30673-MS1	Matrix Spike	09/16/13
BI30673-SRM1	Reference	09/16/13

Batch ID: BI30675 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13I0540-01	WQ091213:1200NP2-6	09/16/13
13I0540-02	WQ091213:1210NP2-7	09/16/13
13I0542-01	WQ091213:1220NP2-10	09/16/13
BI30675-BLK1	Blank	09/16/13
BI30675-DUP1	Duplicate	09/16/13
BI30675-MS1	Matrix Spike	09/16/13
BI30675-SRM1	Reference	09/16/13

Batch ID: BI30780 **Preparation Method:** % Solids Prep **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13I0542-01	WQ091213:1220NP2-10	09/18/13
BI30780-BLK1	Blank	09/18/13



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30652 - EPA 5030B											
Blank (BI30652-BLK1)											Prepared & Analyzed: 09/16/2013
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	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.0	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 GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30652 - EPA 5030B											
Blank (BI30652-BLK1)								Prepared & Analyzed: 09/16/2013			
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	*9.95*		*"*	*10.0*		*99.5*	*79-133*				
Surrogate: p-Bromofluorobenzene	*11.3*		*"*	*10.0*		*113*	*65-133*				
Surrogate: Toluene-d8	*9.91*		*"*	*10.0*		*99.1*	*80-123*				
LCS (BI30652-BS1)								Prepared & Analyzed: 09/16/2013			
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	84-127				
1,1,1-Trichloroethane	9.33		"	10.0		93.3	80-131				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.32		"	10.0		93.2	70-133				
1,1,2-Trichloroethane	9.92		"	10.0		99.2	73-124				
1,1-Dichloroethane	8.87		"	10.0		88.7	79-123				
1,1-Dichloroethylene	8.54		"	10.0		85.4	71-123				
1,1-Dichloropropylene	8.87		"	10.0		88.7	73-117				
1,2,3-Trichlorobenzene	9.23		"	10.0		92.3	78-117				
1,2,3-Trichloropropane	10.5		"	10.0		105	68-119				
1,2,4-Trichlorobenzene	9.02		"	10.0		90.2	78-117				
1,2,4-Trimethylbenzene	9.86		"	10.0		98.6	68-134				
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	73-129				
1,2-Dibromoethane	10.2		"	10.0		102	73-139				
1,2-Dichlorobenzene	10.3		"	10.0		103	83-110				
1,2-Dichloroethane	9.26		"	10.0		92.6	81-120				
1,2-Dichloropropane	9.83		"	10.0		98.3	76-120				
1,3,5-Trimethylbenzene	8.93		"	10.0		89.3	74-121				
1,3-Dichlorobenzene	10.2		"	10.0		102	82-112				
1,3-Dichloropropane	9.91		"	10.0		99.1	77-122				
1,4-Dichlorobenzene	10.4		"	10.0		104	83-110				
2,2-Dichloropropane	9.85		"	10.0		98.5	50-163				
2-Chlorotoluene	9.62		"	10.0		96.2	74-115				
2-Hexanone	9.78		"	10.0		97.8	65-130				
4-Chlorotoluene	9.87		"	10.0		98.7	77-119				
Acetone	9.69		"	10.0		96.9	54-129				
Benzene	9.31		"	10.0		93.1	77-122				
Bromobenzene	10.3		"	10.0		103	76-114				
Bromochloromethane	8.99		"	10.0		89.9	73-125				
Bromodichloromethane	10.0		"	10.0		100	83-120				
Bromoform	11.4		"	10.0		114	72-139				
Bromomethane	10.1		"	10.0		101	52-128				
Carbon tetrachloride	9.73		"	10.0		97.3	66-152				
Chlorobenzene	9.99		"	10.0		99.9	85-113				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30652 - EPA 5030B											
LCS (BI30652-BS1)								Prepared & Analyzed: 09/16/2013			
Chloroethane	8.18		ug/L	10.0		81.8	60-124				
Chloroform	9.16		"	10.0		91.6	82-119				
Chloromethane	6.03		"	10.0		60.3	42-126				
cis-1,2-Dichloroethylene	8.95		"	10.0		89.5	79-116				
cis-1,3-Dichloropropylene	10.9		"	10.0		109	85-134				
Dibromochloromethane	11.1		"	10.0		111	74-151				
Dibromomethane	9.96		"	10.0		99.6	74-128				
Dichlorodifluoromethane	5.34		"	10.0		53.4	10-146				
Ethyl Benzene	10.0		"	10.0		100	85-125				
Hexachlorobutadiene	10.3		"	10.0		103	69-131				
Isopropylbenzene	10.0		"	10.0		100	71-128				
Methyl tert-butyl ether (MTBE)	9.53		"	10.0		95.3	51-134				
Methylene chloride	8.03		"	10.0		80.3	76-122				
Naphthalene	7.42		"	10.0		74.2	72-127				
n-Butylbenzene	9.53		"	10.0		95.3	69-127				
n-Propylbenzene	9.97		"	10.0		99.7	70-129				
o-Xylene	9.66		"	10.0		96.6	83-117				
p- & m- Xylenes	19.0		"	20.0		95.2	80-126				
p-Isopropyltoluene	10.5		"	10.0		105	74-130				
sec-Butylbenzene	10.3		"	10.0		103	72-132				
Styrene	11.0		"	10.0		110	62-160				
tert-Butylbenzene	10.7		"	10.0		107	75-129				
Tetrachloroethylene	9.95		"	10.0		99.5	67-118				
Toluene	9.90		"	10.0		99.0	82-118				
trans-1,2-Dichloroethylene	8.76		"	10.0		87.6	76-119				
trans-1,3-Dichloropropylene	10.8		"	10.0		108	80-137				
Trichloroethylene	9.53		"	10.0		95.3	71-122				
Trichlorofluoromethane	8.40		"	10.0		84.0	67-130				
Vinyl Chloride	7.54		"	10.0		75.4	49-125				
Surrogate: 1,2-Dichloroethane-d4	*8.98*		*"*	*10.0*		*89.8*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*65-133*				
Surrogate: Toluene-d8	*9.55*		*"*	*10.0*		*95.5*	*80-123*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30652 - EPA 5030B											
LCS Dup (BI30652-BSD1)							Prepared & Analyzed: 09/16/2013				
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	84-127		0.878	30	
1,1,1-Trichloroethane	9.22		"	10.0		92.2	80-131		1.19	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-120		1.87	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.09		"	10.0		90.9	70-133		2.50	30	
1,1,2-Trichloroethane	9.95		"	10.0		99.5	73-124		0.302	30	
1,1-Dichloroethane	8.75		"	10.0		87.5	79-123		1.36	30	
1,1-Dichloroethylene	8.36		"	10.0		83.6	71-123		2.13	30	
1,1-Dichloropropylene	8.72		"	10.0		87.2	73-117		1.71	30	
1,2,3-Trichlorobenzene	9.37		"	10.0		93.7	78-117		1.51	30	
1,2,3-Trichloropropane	10.4		"	10.0		104	68-119		0.768	30	
1,2,4-Trichlorobenzene	8.95		"	10.0		89.5	78-117		0.779	30	
1,2,4-Trimethylbenzene	9.44		"	10.0		94.4	68-134		4.35	30	
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	73-129		2.28	30	
1,2-Dibromoethane	10.3		"	10.0		103	73-139		0.488	30	
1,2-Dichlorobenzene	10.2		"	10.0		102	83-110		1.27	30	
1,2-Dichloroethane	9.25		"	10.0		92.5	81-120		0.108	30	
1,2-Dichloropropane	10.0		"	10.0		100	76-120		2.21	30	
1,3,5-Trimethylbenzene	9.02		"	10.0		90.2	74-121		1.00	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	82-112		0.393	30	
1,3-Dichloropropane	9.95		"	10.0		99.5	77-122		0.403	30	
1,4-Dichlorobenzene	10.2		"	10.0		102	83-110		1.65	30	
2,2-Dichloropropane	9.58		"	10.0		95.8	50-163		2.78	30	
2-Chlorotoluene	9.46		"	10.0		94.6	74-115		1.68	30	
2-Hexanone	9.28		"	10.0		92.8	65-130		5.25	30	
4-Chlorotoluene	9.72		"	10.0		97.2	77-119		1.53	30	
Acetone	8.44		"	10.0		84.4	54-129		13.8	30	
Benzene	9.20		"	10.0		92.0	77-122		1.19	30	
Bromobenzene	10.2		"	10.0		102	76-114		1.07	30	
Bromochloromethane	8.93		"	10.0		89.3	73-125		0.670	30	
Bromodichloromethane	10.1		"	10.0		101	83-120		0.892	30	
Bromoform	11.4		"	10.0		114	72-139		0.175	30	
Bromomethane	9.98		"	10.0		99.8	52-128		1.49	30	
Carbon tetrachloride	9.50		"	10.0		95.0	66-152		2.39	30	
Chlorobenzene	10.0		"	10.0		100	85-113		0.300	30	
Chloroethane	8.04		"	10.0		80.4	60-124		1.73	30	
Chloroform	9.19		"	10.0		91.9	82-119		0.327	30	
Chloromethane	5.91		"	10.0		59.1	42-126		2.01	30	
cis-1,2-Dichloroethylene	8.84		"	10.0		88.4	79-116		1.24	30	
cis-1,3-Dichloropropylene	10.9		"	10.0		109	85-134		0.734	30	
Dibromochloromethane	11.3		"	10.0		113	74-151		2.41	30	
Dibromomethane	9.89		"	10.0		98.9	74-128		0.705	30	
Dichlorodifluoromethane	5.41		"	10.0		54.1	10-146		1.30	30	
Ethyl Benzene	10.2		"	10.0		102	85-125		1.78	30	
Hexachlorobutadiene	10.2		"	10.0		102	69-131		1.08	30	
Isopropylbenzene	9.97		"	10.0		99.7	71-128		0.600	30	
Methyl tert-butyl ether (MTBE)	9.30		"	10.0		93.0	51-134		2.44	30	
Methylene chloride	7.96		"	10.0		79.6	76-122		0.876	30	
Naphthalene	7.39		"	10.0		73.9	72-127		0.405	30	
n-Butylbenzene	9.39		"	10.0		93.9	69-127		1.48	30	
n-Propylbenzene	9.84		"	10.0		98.4	70-129		1.31	30	
o-Xylene	9.72		"	10.0		97.2	83-117		0.619	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

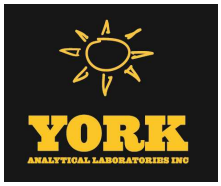
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30652 - EPA 5030B											
LCS Dup (BI30652-BSD1)								Prepared & Analyzed: 09/16/2013			
p- & m- Xylenes	19.0		ug/L	20.0		95.2	80-126		0.0525	30	
p-Isopropyltoluene	10.2		"	10.0		102	74-130		3.68	30	
sec-Butylbenzene	10.1		"	10.0		101	72-132		1.95	30	
Styrene	10.5		"	10.0		105	62-160		4.47	30	
tert-Butylbenzene	10.0		"	10.0		100	75-129		5.98	30	
Tetrachloroethylene	9.92		"	10.0		99.2	67-118		0.302	30	
Toluene	9.95		"	10.0		99.5	82-118		0.504	30	
trans-1,2-Dichloroethylene	8.78		"	10.0		87.8	76-119		0.228	30	
trans-1,3-Dichloropropylene	10.9		"	10.0		109	80-137		1.11	30	
Trichloroethylene	9.71		"	10.0		97.1	71-122		1.87	30	
Trichlorofluoromethane	8.29		"	10.0		82.9	67-130		1.32	30	
Vinyl Chloride	7.47		"	10.0		74.7	49-125		0.933	30	
Surrogate: 1,2-Dichloroethane-d4	*9.09*		*"*	*10.0*		*90.9*	*79-133*				
Surrogate: p-Bromofluorobenzene	*9.91*		*"*	*10.0*		*99.1*	*65-133*				
Surrogate: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*80-123*				
Batch BI30664 - EPA 5030B											
Blank (BI30664-BLK1)								Prepared & Analyzed: 09/16/2013			
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	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.5	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 GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30664 - EPA 5030B											
Blank (BI30664-BLK1)											Prepared & Analyzed: 09/16/2013
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	*10.9*		"	*10.0*		*109*	*79-133*				
Surrogate: p-Bromofluorobenzene	*11.8*		"	*10.0*		*118*	*65-133*				
Surrogate: Toluene-d8	*9.85*		"	*10.0*		*98.5*	*80-123*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30664 - EPA 5030B											
LCS (BI30664-BS1)								Prepared & Analyzed: 09/16/2013			
1,1,1,2-Tetrachloroethane	9.51		ug/L	10.0		95.1	84-127				
1,1,1-Trichloroethane	10.2		"	10.0		102	80-131				
1,1,2,2-Tetrachloroethane	9.29		"	10.0		92.9	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	70-133				
1,1,2-Trichloroethane	9.13		"	10.0		91.3	73-124				
1,1-Dichloroethane	9.74		"	10.0		97.4	79-123				
1,1-Dichloroethylene	9.93		"	10.0		99.3	71-123				
1,1-Dichloropropylene	9.63		"	10.0		96.3	73-117				
1,2,3-Trichlorobenzene	9.80		"	10.0		98.0	78-117				
1,2,3-Trichloropropane	8.61		"	10.0		86.1	68-119				
1,2,4-Trichlorobenzene	9.54		"	10.0		95.4	78-117				
1,2,4-Trimethylbenzene	9.31		"	10.0		93.1	68-134				
1,2-Dibromo-3-chloropropane	9.14		"	10.0		91.4	73-129				
1,2-Dibromoethane	9.15		"	10.0		91.5	73-139				
1,2-Dichlorobenzene	9.82		"	10.0		98.2	83-110				
1,2-Dichloroethane	9.72		"	10.0		97.2	81-120				
1,2-Dichloropropane	9.57		"	10.0		95.7	76-120				
1,3,5-Trimethylbenzene	9.26		"	10.0		92.6	74-121				
1,3-Dichlorobenzene	9.61		"	10.0		96.1	82-112				
1,3-Dichloropropane	9.14		"	10.0		91.4	77-122				
1,4-Dichlorobenzene	9.60		"	10.0		96.0	83-110				
2,2-Dichloropropane	9.00		"	10.0		90.0	50-163				
2-Chlorotoluene	9.49		"	10.0		94.9	74-115				
2-Hexanone	8.01		"	10.0		80.1	65-130				
4-Chlorotoluene	9.58		"	10.0		95.8	77-119				
Acetone	9.03		"	10.0		90.3	54-129				
Benzene	9.95		"	10.0		99.5	77-122				
Bromobenzene	9.32		"	10.0		93.2	76-114				
Bromochloromethane	9.25		"	10.0		92.5	73-125				
Bromodichloromethane	9.66		"	10.0		96.6	83-120				
Bromoform	9.47		"	10.0		94.7	72-139				
Bromomethane	11.8		"	10.0		118	52-128				
Carbon tetrachloride	10.8		"	10.0		108	66-152				
Chlorobenzene	9.81		"	10.0		98.1	85-113				
Chloroethane	9.83		"	10.0		98.3	60-124				
Chloroform	9.81		"	10.0		98.1	82-119				
Chloromethane	8.60		"	10.0		86.0	42-126				
cis-1,2-Dichloroethylene	9.59		"	10.0		95.9	79-116				
cis-1,3-Dichloropropylene	9.68		"	10.0		96.8	85-134				
Dibromochloromethane	9.79		"	10.0		97.9	74-151				
Dibromomethane	9.11		"	10.0		91.1	74-128				
Dichlorodifluoromethane	9.90		"	10.0		99.0	10-146				
Ethyl Benzene	10.2		"	10.0		102	85-125				
Hexachlorobutadiene	9.97		"	10.0		99.7	69-131				
Isopropylbenzene	9.77		"	10.0		97.7	71-128				
Methyl tert-butyl ether (MTBE)	9.47		"	10.0		94.7	51-134				
Methylene chloride	9.04		"	10.0		90.4	76-122				
Naphthalene	9.40		"	10.0		94.0	72-127				
n-Butylbenzene	9.67		"	10.0		96.7	69-127				
n-Propylbenzene	9.79		"	10.0		97.9	70-129				
o-Xylene	9.78		"	10.0		97.8	83-117				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30664 - EPA 5030B											
LCS (BI30664-BS1)							Prepared & Analyzed: 09/16/2013				
p- & m- Xylenes	19.5		ug/L	20.0		97.7	80-126				
p-Isopropyltoluene	10.1		"	10.0		101	74-130				
sec-Butylbenzene	10.1		"	10.0		101	72-132				
Styrene	10.6		"	10.0		106	62-160				
tert-Butylbenzene	10.2		"	10.0		102	75-129				
Tetrachloroethylene	9.71		"	10.0		97.1	67-118				
Toluene	9.91		"	10.0		99.1	82-118				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	76-119				
trans-1,3-Dichloropropylene	9.47		"	10.0		94.7	80-137				
Trichloroethylene	9.55		"	10.0		95.5	71-122				
Trichlorofluoromethane	10.1		"	10.0		101	67-130				
Vinyl Chloride	9.95		"	10.0		99.5	49-125				
Surrogate: 1,2-Dichloroethane-d4	*9.39*		*"*	*10.0*		*93.9*	*79-133*				
Surrogate: p-Bromofluorobenzene	*9.93*		*"*	*10.0*		*99.3*	*65-133*				
Surrogate: Toluene-d8	*9.73*		*"*	*10.0*		*97.3*	*80-123*				
LCS Dup (BI30664-BSD1)							Prepared & Analyzed: 09/16/2013				
1,1,1,2-Tetrachloroethane	9.68		ug/L	10.0		96.8	84-127		1.77	30	
1,1,1-Trichloroethane	10.3		"	10.0		103	80-131		1.17	30	
1,1,2,2-Tetrachloroethane	9.85		"	10.0		98.5	76-120		5.85	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9		"	10.0		109	70-133		0.276	30	
1,1,2-Trichloroethane	9.64		"	10.0		96.4	73-124		5.43	30	
1,1-Dichloroethane	9.70		"	10.0		97.0	79-123		0.412	30	
1,1-Dichloroethylene	9.93		"	10.0		99.3	71-123		0.00	30	
1,1-Dichloropropylene	9.56		"	10.0		95.6	73-117		0.730	30	
1,2,3-Trichlorobenzene	10.3		"	10.0		103	78-117		5.27	30	
1,2,3-Trichloropropane	9.65		"	10.0		96.5	68-119		11.4	30	
1,2,4-Trichlorobenzene	9.79		"	10.0		97.9	78-117		2.59	30	
1,2,4-Trimethylbenzene	9.35		"	10.0		93.5	68-134		0.429	30	
1,2-Dibromo-3-chloropropane	9.86		"	10.0		98.6	73-129		7.58	30	
1,2-Dibromoethane	9.56		"	10.0		95.6	73-139		4.38	30	
1,2-Dichlorobenzene	10.0		"	10.0		100	83-110		2.02	30	
1,2-Dichloroethane	10.0		"	10.0		100	81-120		3.04	30	
1,2-Dichloropropane	9.71		"	10.0		97.1	76-120		1.45	30	
1,3,5-Trimethylbenzene	9.24		"	10.0		92.4	74-121		0.216	30	
1,3-Dichlorobenzene	9.66		"	10.0		96.6	82-112		0.519	30	
1,3-Dichloropropane	9.48		"	10.0		94.8	77-122		3.65	30	
1,4-Dichlorobenzene	9.97		"	10.0		99.7	83-110		3.78	30	
2,2-Dichloropropane	8.94		"	10.0		89.4	50-163		0.669	30	
2-Chlorotoluene	9.39		"	10.0		93.9	74-115		1.06	30	
2-Hexanone	8.87		"	10.0		88.7	65-130		10.2	30	
4-Chlorotoluene	9.67		"	10.0		96.7	77-119		0.935	30	
Acetone	9.72		"	10.0		97.2	54-129		7.36	30	
Benzene	9.94		"	10.0		99.4	77-122		0.101	30	
Bromobenzene	9.70		"	10.0		97.0	76-114		4.00	30	
Bromochloromethane	9.28		"	10.0		92.8	73-125		0.324	30	
Bromodichloromethane	9.86		"	10.0		98.6	83-120		2.05	30	
Bromoform	10.2		"	10.0		102	72-139		6.93	30	
Bromomethane	11.2		"	10.0		112	52-128		4.44	30	
Carbon tetrachloride	10.6		"	10.0		106	66-152		1.86	30	
Chlorobenzene	9.95		"	10.0		99.5	85-113		1.42	30	
Chloroethane	9.61		"	10.0		96.1	60-124		2.26	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30664 - EPA 5030B											
LCS Dup (BI30664-BSD1)								Prepared & Analyzed: 09/16/2013			
Chloroform	9.85		ug/L	10.0		98.5	82-119		0.407	30	
Chloromethane	8.52		"	10.0		85.2	42-126		0.935	30	
cis-1,2-Dichloroethylene	9.77		"	10.0		97.7	79-116		1.86	30	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	85-134		3.35	30	
Dibromochloromethane	10.1		"	10.0		101	74-151		2.72	30	
Dibromomethane	9.55		"	10.0		95.5	74-128		4.72	30	
Dichlorodifluoromethane	9.91		"	10.0		99.1	10-146		0.101	30	
Ethyl Benzene	10.2		"	10.0		102	85-125		0.392	30	
Hexachlorobutadiene	10.1		"	10.0		101	69-131		1.30	30	
Isopropylbenzene	9.90		"	10.0		99.0	71-128		1.32	30	
Methyl tert-butyl ether (MTBE)	9.86		"	10.0		98.6	51-134		4.04	30	
Methylene chloride	9.05		"	10.0		90.5	76-122		0.111	30	
Naphthalene	10.0		"	10.0		100	72-127		6.68	30	
n-Butylbenzene	9.78		"	10.0		97.8	69-127		1.13	30	
n-Propylbenzene	9.98		"	10.0		99.8	70-129		1.92	30	
o-Xylene	9.66		"	10.0		96.6	83-117		1.23	30	
p- & m- Xylenes	19.4		"	20.0		97.2	80-126		0.462	30	
p-Isopropyltoluene	10.1		"	10.0		101	74-130		0.0989	30	
sec-Butylbenzene	10.2		"	10.0		102	72-132		0.493	30	
Styrene	10.6		"	10.0		106	62-160		0.284	30	
tert-Butylbenzene	10.3		"	10.0		103	75-129		1.37	30	
Tetrachloroethylene	9.62		"	10.0		96.2	67-118		0.931	30	
Toluene	9.99		"	10.0		99.9	82-118		0.804	30	
trans-1,2-Dichloroethylene	9.81		"	10.0		98.1	76-119		2.02	30	
trans-1,3-Dichloropropylene	9.61		"	10.0		96.1	80-137		1.47	30	
Trichloroethylene	9.62		"	10.0		96.2	71-122		0.730	30	
Trichlorofluoromethane	9.86		"	10.0		98.6	67-130		2.31	30	
Vinyl Chloride	9.87		"	10.0		98.7	49-125		0.807	30	
Surrogate: 1,2-Dichloroethane-d4	*9.60*		*"*	*10.0*		*96.0*	*79-133*				
Surrogate: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*65-133*				
Surrogate: Toluene-d8	*9.76*		*"*	*10.0*		*97.6*	*80-123*				

Metals by ICP - 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 BI30673 - EPA 3010A											
Blank (BI30673-BLK1)								Prepared & Analyzed: 09/16/2013			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BI30673-DUP1)	*Source sample: 13I0542-01 (WQ091213:1220NP2-10)							Prepared & Analyzed: 09/16/2013			
Iron - Dissolved	0.0243	0.0200	mg/L		0.0272				11.0	20	
Matrix Spike (BI30673-MS1)	*Source sample: 13I0542-01 (WQ091213:1220NP2-10)							Prepared & Analyzed: 09/16/2013			
Iron - Dissolved	1.08	0.0200	mg/L	1.00	0.0272	105	75-125				
Reference (BI30673-SRM1)								Prepared & Analyzed: 09/16/2013			
Iron - Dissolved	1.41	0.0200	mg/L	1.39		102	88.4-113				
Batch BI30675 - EPA 3010A											
Blank (BI30675-BLK1)								Prepared & Analyzed: 09/16/2013			
Iron	ND	0.0200	mg/L								
Duplicate (BI30675-DUP1)	*Source sample: 13I0542-01 (WQ091213:1220NP2-10)							Prepared & Analyzed: 09/16/2013			
Iron	44.1	0.0200	mg/L		43.9				0.504	20	
Matrix Spike (BI30675-MS1)	*Source sample: 13I0542-01 (WQ091213:1220NP2-10)							Prepared & Analyzed: 09/16/2013			
Iron	43.3	0.0200	mg/L	1.00	43.9	NR	75-125	Low Bias			
Reference (BI30675-SRM1)								Prepared & Analyzed: 09/16/2013			
Iron	1.39	0.0200	mg/L	1.39		100	88.4-113				

Miscellaneous Physical 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 BI30780 - % Solids Prep											
Blank (BI30780-BLK1)											Prepared: 09/18/2013 Analyzed: 09/19/2013
Total Dissolved Solids	ND	20.0	mg/L								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13I0540-01	WQ091213:1200NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0540-02	WQ091213:1210NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0542-01	WQ091213:1220NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

M-HCSpk	Sample conc. >10 X spike conc.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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. 13I0540

YOUR Information	**Report To:**	**Invoice To:**	**YOUR Project ID**	**Turn-Around Time**	**Report Type/Deliverables**
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 ☐	NY ASP A Package
E-Mail Address: Tsandor@lbgct.com	E-Mail Address:	E-Mail Address:	Samples from: CT NY X NJ	RUSH - Four Day ☐	NY ASP B Package X, pdf
				Standard(5-7 Days) X	*Electronic Deliverables:* EDD (Specify Type) Excel X

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.

Evan Foster
Samples Collected/Authorized By (Signature)

Evan Foster
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Common Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point	Tot.Nitrogen	Cyanide-A
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs	Chloride	CBOD5
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX	Phosphate	BOD28
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica	MBAS	TPH-1664

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ091213:1200NP2-6	9-12-13	GW	Fe by EPA 200.7/Fe, Dissolved by EPA 6010(SW846-6010B)/VOCs, 8260 List (EPA SW846-8260B) plus From 113	3voa, 1 250ml unpres 1 250ml HNO3
WQ091213:1210NP2-7	9-12-13	GW	↓	"
WQ091213:1220NP2-10	9-12-13	GW	Fe by EPA 200.7/Fe, Dissolved by EPA 6010(SW846-6010B)/VOCs 8260 List (EPA SW846-8260B) plus From 113/TDS(SM2540C)	3voa, 2 250ml unpres 1 250ml HNO3

Comments

Preservation Check those Applicable: 4°C ____ Frozen ____ HCl X MeOH ____ HNO3 X H_2SO_4 ____ NaOH ____ ZnAc ____ Ascorbic Acid ____ Other ____

Lucas Williams — Samples Relinquished By — Date/Time
Samples Relinquished By — Date/Time

Chris 9-13-13 16:45 — Samples Received By — Date/Time
Grace 9-13-13 1650 — Samples Received in LAB by — Date/Time

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 unless superseded by written contract.

York Project No. 13I0542

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.

NABSAG

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 Package X, pdf
Electronic Deliverables:
EDD (Specify Type) ___
Excel X

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.

Evan Foster
Samples Collected/Authorized By (Signature)

Evan Foster
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Common Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs	Chloride	CBOD5
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX	Phosphate	BOD28
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Deliverables	BTU/lb.	Tot. Phos.	COD
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica	MBAS	TPH-1664

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ091213:1200NP2-6	9-12-13	GW	FE by EPA 200.7/Fe, Dissolved by EPA 6010(SW846-6010B)/VOCs, 8260 List (EPA SW846-8260B) plus Freon 113	3 voa, 1 250ml unpres 1 250ml HNO3
WQ091213:1210NP2-7	9-12-13	GW	"	"
WQ091213:1220NP2-10	9-12-13	GW	Fe by EPA 200.7/Fe, Dissolved by EPA 6010(SW846-6010B)/VOCs 8260 List (EPA SW846-8260B) plus Freon 113/TDS(SM2540C)	3 voa, 2 250ml unpres 1 250ml HNO3

Comments

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl X MeOH ___ HNO3 X H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By — Date/Time: ___
Samples Relinquished By — Date/Time: ___

Samples Received By — Date/Time: 9-13-13 16:45
Samples Received in LAB by — Date/Time: 9-13-13 1650

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: 10/03/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13I0970

Report Date: 10/03/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13I0970

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 September 26, 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
13I0970-01	WQ092413:1300NP2-6	Water	09/24/2013	09/26/2013
13I0970-02	WQ092413:1305NP2-7	Water	09/24/2013	09/26/2013
13I0971-01	WQ092413:1310NP2-10	Water	09/24/2013	09/26/2013

General Notes for York Project (SDG) No.: 13I0970

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: 10/03/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ092413:1300NP2-6 **York Sample ID:** 13I0970-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0970	Rowe Industries	Water	September 24, 2013 1:00 pm	09/26/2013

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 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
67-64-1	Acetone	**1.1**	J, B	ug/L	1.0	2.0	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK

Sample Information

Client Sample ID: WQ092413:1300NP2-6 **York Sample ID:** 13I0970-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0970	Rowe Industries	Water	September 24, 2013 1:00 pm	09/26/2013

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 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
156-59-2	cis-1,2-Dichloroethylene	**2.0**		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
127-18-4	Tetrachloroethylene	**3.2**		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
79-01-6	Trichloroethylene	**0.64**		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	09/27/2013 09:12	09/27/2013 12:39	BK

Sample Information

Client Sample ID: WQ092413:1300NP2-6 **York Sample ID:** 13I0970-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0970	Rowe Industries	Water	September 24, 2013 1:00 pm	09/26/2013

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*	*101 %*		*79-133*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.1 %*		*65-133*							
2037-26-5	*Surrogate: Toluene-d8*	*103 %*		*80-123*							

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	**3.96**		mg/L	0.0146	0.0200	1	EPA 200.7	10/02/2013 14:13	10/02/2013 18:33	MW

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	0.0200	0.0200	1	EPA 6010C	10/02/2013 14:07	10/02/2013 16:41	MW

Sample Information

Client Sample ID: WQ092413:1305NP2-7 **York Sample ID:** 13I0970-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0970	Rowe Industries	Water	September 24, 2013 1:05 pm	09/26/2013

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 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK

Sample Information

Client Sample ID: WQ092413:1305NP2-7 **York Sample ID:** 13I0970-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0970	Rowe Industries	Water	September 24, 2013 1:05 pm	09/26/2013

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	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK

Sample Information

Client Sample ID: WQ092413:1305NP2-7 **York Sample ID:** 13I0970-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0970	Rowe Industries	Water	September 24, 2013 1:05 pm	09/26/2013

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 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	09/27/2013 09:12	09/27/2013 13:21	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.1 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*99.0 %*	*80-123*

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	**4.42**		mg/L	0.0146	0.0200	1	EPA 200.7	10/02/2013 14:13	10/02/2013 18:38	MW

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	**0.0401**		mg/L	0.0200	0.0200	1	EPA 6010C	10/02/2013 14:07	10/02/2013 16:46	MW

Sample Information

Client Sample ID: WQ092413:1310NP2-10 **York Sample ID:** 13I0971-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0971	Rowe Industries	Water	September 24, 2013 1:10 pm	09/26/2013

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 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK

Sample Information

Client Sample ID: WQ092413:1310NP2-10 **York Sample ID:** 13I0971-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0971	Rowe Industries	Water	September 24, 2013 1:10 pm	09/26/2013

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 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	09/27/2013 09:12	09/27/2013 14:04	BK

Sample Information

Client Sample ID: WQ092413:1310NP2-10 **York Sample ID:** 13I0971-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0971	Rowe Industries	Water	September 24, 2013 1:10 pm	09/26/2013

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*	*103 %*			*79-133*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.9 %*			*65-133*						
2037-26-5	*Surrogate: Toluene-d8*	*102 %*			*80-123*						

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	**13.7**		mg/L	0.0146	0.0200	1	EPA 200.7	10/02/2013 14:13	10/02/2013 18:43	MW

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	**0.0801**		mg/L	0.0200	0.0200	1	EPA 6010C	10/02/2013 14:07	10/02/2013 16:51	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	**168**		mg/L	20.0	20.0	1	SM 2540C	10/01/2013 13:32	10/01/2013 13:45	BGS

Analytical Batch Summary

Batch ID: BI31278 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13I0970-01	WQ092413:1300NP2-6	09/27/13
13I0970-02	WQ092413:1305NP2-7	09/27/13
13I0971-01	WQ092413:1310NP2-10	09/27/13
BI31278-BLK1	Blank	09/27/13
BI31278-BS1	LCS	09/27/13
BI31278-BSD1	LCS Dup	09/27/13

Batch ID: BJ30065 **Preparation Method:** % Solids Prep **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13I0971-01	WQ092413:1310NP2-10	10/01/13
BJ30065-BLK1	Blank	10/01/13

Batch ID: BJ30113 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13I0970-01	WQ092413:1300NP2-6	10/02/13
13I0970-02	WQ092413:1305NP2-7	10/02/13
13I0971-01	WQ092413:1310NP2-10	10/02/13
BJ30113-BLK1	Blank	10/02/13
BJ30113-SRM1	Reference	10/02/13

Batch ID: BJ30115 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13I0970-01	WQ092413:1300NP2-6	10/02/13
13I0970-02	WQ092413:1305NP2-7	10/02/13
13I0971-01	WQ092413:1310NP2-10	10/02/13
BJ30115-BLK1	Blank	10/02/13
BJ30115-SRM1	Reference	10/02/13

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31278 - EPA 5030B											
Blank (BI31278-BLK1)									Prepared & Analyzed: 09/27/2013		
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	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.0	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	0.53	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 GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31278 - EPA 5030B											
Blank (BI31278-BLK1)								Prepared & Analyzed: 09/27/2013			
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	*10.1*		*"*	*10.0*		*101*	*79-133*				
Surrogate: p-Bromofluorobenzene	*9.17*		*"*	*10.0*		*91.7*	*65-133*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*80-123*				
LCS (BI31278-BS1)								Prepared & Analyzed: 09/27/2013			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	84-127				
1,1,1-Trichloroethane	10.0		"	10.0		100	80-131				
1,1,2,2-Tetrachloroethane	9.50		"	10.0		95.0	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.09		"	10.0		90.9	70-133				
1,1,2-Trichloroethane	9.69		"	10.0		96.9	73-124				
1,1-Dichloroethane	9.31		"	10.0		93.1	79-123				
1,1-Dichloroethylene	8.25		"	10.0		82.5	71-123				
1,1-Dichloropropylene	9.21		"	10.0		92.1	73-117				
1,2,3-Trichlorobenzene	9.41		"	10.0		94.1	78-117				
1,2,3-Trichloropropane	9.18		"	10.0		91.8	68-119				
1,2,4-Trichlorobenzene	9.80		"	10.0		98.0	78-117				
1,2,4-Trimethylbenzene	9.78		"	10.0		97.8	68-134				
1,2-Dibromo-3-chloropropane	9.70		"	10.0		97.0	73-129				
1,2-Dibromoethane	10.0		"	10.0		100	73-139				
1,2-Dichlorobenzene	9.34		"	10.0		93.4	83-110				
1,2-Dichloroethane	9.67		"	10.0		96.7	81-120				
1,2-Dichloropropane	9.71		"	10.0		97.1	76-120				
1,3,5-Trimethylbenzene	9.93		"	10.0		99.3	74-121				
1,3-Dichlorobenzene	9.34		"	10.0		93.4	82-112				
1,3-Dichloropropane	9.95		"	10.0		99.5	77-122				
1,4-Dichlorobenzene	9.13		"	10.0		91.3	83-110				
2,2-Dichloropropane	11.1		"	10.0		111	50-163				
2-Chlorotoluene	9.37		"	10.0		93.7	74-115				
2-Hexanone	8.80		"	10.0		88.0	65-130				
4-Chlorotoluene	9.35		"	10.0		93.5	77-119				
Acetone	2.82		"	10.0		28.2	54-129	Low Bias			
Benzene	9.40		"	10.0		94.0	77-122				
Bromobenzene	8.91		"	10.0		89.1	76-114				
Bromochloromethane	8.74		"	10.0		87.4	73-125				
Bromodichloromethane	10.5		"	10.0		105	83-120				
Bromoform	10.3		"	10.0		103	72-139				
Bromomethane	7.12		"	10.0		71.2	52-128				
Carbon tetrachloride	10.0		"	10.0		100	66-152				
Chlorobenzene	10.0		"	10.0		100	85-113				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31278 - EPA 5030B											
LCS (BI31278-BS1)								Prepared & Analyzed: 09/27/2013			
Chloroethane	6.53		ug/L	10.0		65.3	60-124				
Chloroform	9.55		"	10.0		95.5	82-119				
Chloromethane	4.62		"	10.0		46.2	42-126				
cis-1,2-Dichloroethylene	9.24		"	10.0		92.4	79-116				
cis-1,3-Dichloropropylene	10.9		"	10.0		109	85-134				
Dibromochloromethane	10.6		"	10.0		106	74-151				
Dibromomethane	9.53		"	10.0		95.3	74-128				
Dichlorodifluoromethane	2.45		"	10.0		24.5	10-146				
Ethyl Benzene	10.2		"	10.0		102	85-125				
Hexachlorobutadiene	10.1		"	10.0		101	69-131				
Isopropylbenzene	9.43		"	10.0		94.3	71-128				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	51-134				
Methylene chloride	6.97		"	10.0		69.7	76-122	Low Bias			
Naphthalene	9.76		"	10.0		97.6	72-127				
n-Butylbenzene	9.76		"	10.0		97.6	69-127				
n-Propylbenzene	9.75		"	10.0		97.5	70-129				
o-Xylene	9.97		"	10.0		99.7	83-117				
p- & m- Xylenes	20.6		"	20.0		103	80-126				
p-Isopropyltoluene	10.2		"	10.0		102	74-130				
sec-Butylbenzene	10.1		"	10.0		101	72-132				
Styrene	11.6		"	10.0		116	62-160				
tert-Butylbenzene	10.1		"	10.0		101	75-129				
Tetrachloroethylene	9.85		"	10.0		98.5	67-118				
Toluene	8.81		"	10.0		88.1	82-118				
trans-1,2-Dichloroethylene	9.76		"	10.0		97.6	76-119				
trans-1,3-Dichloropropylene	10.8		"	10.0		108	80-137				
Trichloroethylene	9.89		"	10.0		98.9	71-122				
Trichlorofluoromethane	7.80		"	10.0		78.0	67-130				
Vinyl Chloride	6.27		"	10.0		62.7	49-125				
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*79-133*				
Surrogate: p-Bromofluorobenzene	*9.85*		*"*	*10.0*		*98.5*	*65-133*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*80-123*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31278 - EPA 5030B											
LCS Dup (BI31278-BSD1)								Prepared & Analyzed: 09/27/2013			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	84-127		0.595	30	
1,1,1-Trichloroethane	9.66		"	10.0		96.6	80-131		3.46	30	
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	76-120		9.43	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.45		"	10.0		84.5	70-133		7.30	30	
1,1,2-Trichloroethane	9.41		"	10.0		94.1	73-124		2.93	30	
1,1-Dichloroethane	9.18		"	10.0		91.8	79-123		1.41	30	
1,1-Dichloroethylene	7.98		"	10.0		79.8	71-123		3.33	30	
1,1-Dichloropropylene	9.01		"	10.0		90.1	73-117		2.20	30	
1,2,3-Trichlorobenzene	9.67		"	10.0		96.7	78-117		2.73	30	
1,2,3-Trichloropropane	9.12		"	10.0		91.2	68-119		0.656	30	
1,2,4-Trichlorobenzene	9.84		"	10.0		98.4	78-117		0.407	30	
1,2,4-Trimethylbenzene	9.41		"	10.0		94.1	68-134		3.86	30	
1,2-Dibromo-3-chloropropane	9.78		"	10.0		97.8	73-129		0.821	30	
1,2-Dibromoethane	10.4		"	10.0		104	73-139		3.14	30	
1,2-Dichlorobenzene	9.30		"	10.0		93.0	83-110		0.429	30	
1,2-Dichloroethane	9.35		"	10.0		93.5	81-120		3.36	30	
1,2-Dichloropropane	9.54		"	10.0		95.4	76-120		1.77	30	
1,3,5-Trimethylbenzene	9.57		"	10.0		95.7	74-121		3.69	30	
1,3-Dichlorobenzene	9.31		"	10.0		93.1	82-112		0.322	30	
1,3-Dichloropropane	10.2		"	10.0		102	77-122		2.58	30	
1,4-Dichlorobenzene	9.21		"	10.0		92.1	83-110		0.872	30	
2,2-Dichloropropane	10.7		"	10.0		107	50-163		3.76	30	
2-Chlorotoluene	9.50		"	10.0		95.0	74-115		1.38	30	
2-Hexanone	9.81		"	10.0		98.1	65-130		10.9	30	
4-Chlorotoluene	9.17		"	10.0		91.7	77-119		1.94	30	
Acetone	3.32		"	10.0		33.2	54-129	Low Bias	16.3	30	
Benzene	8.99		"	10.0		89.9	77-122		4.46	30	
Bromobenzene	9.79		"	10.0		97.9	76-114		9.41	30	
Bromochloromethane	8.94		"	10.0		89.4	73-125		2.26	30	
Bromodichloromethane	9.98		"	10.0		99.8	83-120		4.98	30	
Bromoform	10.4		"	10.0		104	72-139		1.16	30	
Bromomethane	6.83		"	10.0		68.3	52-128		4.16	30	
Carbon tetrachloride	9.95		"	10.0		99.5	66-152		0.601	30	
Chlorobenzene	9.93		"	10.0		99.3	85-113		0.802	30	
Chloroethane	6.82		"	10.0		68.2	60-124		4.34	30	
Chloroform	9.22		"	10.0		92.2	82-119		3.52	30	
Chloromethane	4.72		"	10.0		47.2	42-126		2.14	30	
cis-1,2-Dichloroethylene	8.89		"	10.0		88.9	79-116		3.86	30	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	85-134		5.19	30	
Dibromochloromethane	11.2		"	10.0		112	74-151		5.51	30	
Dibromomethane	9.68		"	10.0		96.8	74-128		1.56	30	
Dichlorodifluoromethane	2.48		"	10.0		24.8	10-146		1.22	30	
Ethyl Benzene	9.99		"	10.0		99.9	85-125		2.47	30	
Hexachlorobutadiene	9.36		"	10.0		93.6	69-131		7.61	30	
Isopropylbenzene	9.17		"	10.0		91.7	71-128		2.80	30	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	51-134		0.690	30	
Methylene chloride	6.76		"	10.0		67.6	76-122	Low Bias	3.06	30	
Naphthalene	10.4		"	10.0		104	72-127		6.64	30	
n-Butylbenzene	9.41		"	10.0		94.1	69-127		3.65	30	
n-Propylbenzene	9.51		"	10.0		95.1	70-129		2.49	30	
o-Xylene	9.78		"	10.0		97.8	83-117		1.92	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31278 - EPA 5030B											
LCS Dup (BI31278-BSD1)								Prepared & Analyzed: 09/27/2013			
p- & m- Xylenes	19.5		ug/L	20.0		97.4	80-126		5.54	30	
p-Isopropyltoluene	9.73		"	10.0		97.3	74-130		4.91	30	
sec-Butylbenzene	9.73		"	10.0		97.3	72-132		3.93	30	
Styrene	11.2		"	10.0		112	62-160		3.76	30	
tert-Butylbenzene	9.71		"	10.0		97.1	75-129		3.94	30	
Tetrachloroethylene	9.64		"	10.0		96.4	67-118		2.15	30	
Toluene	8.49		"	10.0		84.9	82-118		3.70	30	
trans-1,2-Dichloroethylene	9.43		"	10.0		94.3	76-119		3.44	30	
trans-1,3-Dichloropropylene	10.7		"	10.0		107	80-137		1.12	30	
Trichloroethylene	9.71		"	10.0		97.1	71-122		1.84	30	
Trichlorofluoromethane	7.68		"	10.0		76.8	67-130		1.55	30	
Vinyl Chloride	6.15		"	10.0		61.5	49-125		1.93	30	
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*79-133*				
Surrogate: p-Bromofluorobenzene	*9.57*		*"*	*10.0*		*95.7*	*65-133*				
Surrogate: Toluene-d8	*9.55*		*"*	*10.0*		*95.5*	*80-123*				

Metals by ICP - 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 BJ30113 - EPA 3010A											
Blank (BJ30113-BLK1)								Prepared & Analyzed: 10/02/2013			
Iron - Dissolved	ND	0.0200	mg/L								
Reference (BJ30113-SRM1)								Prepared & Analyzed: 10/02/2013			
Iron - Dissolved	1.38	0.0200	mg/L	1.39		99.2	88.4-113				
Batch BJ30115 - EPA 3010A											
Blank (BJ30115-BLK1)								Prepared & Analyzed: 10/02/2013			
Iron	ND	0.0200	mg/L								
Reference (BJ30115-SRM1)								Prepared & Analyzed: 10/02/2013			
Iron	1.36	0.0200	mg/L	1.39		98.0	88.4-113				

Miscellaneous Physical 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 BJ30065 - % Solids Prep											
Blank (BJ30065-BLK1)											Prepared: 10/01/2013 Analyzed: 10/03/2013
Total Dissolved Solids	ND	20.0	mg/L								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13I0970-01	WQ092413:1300NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0970-02	WQ092413:1305NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0971-01	WQ092413:1310NP2-10	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/LOD) or in the case of a TIC, 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. 13I0470

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	Address: ↓	Address: ↓		RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Shelton, CT 06484			Purchase Order No.	RUSH - Two Day ☐	CT RCP Package
Phone No. 203-929-8555	Phone No.	Phone No.	NABSAG.	RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Four Day ☐	NY ASP A Package
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT__ NY X NJ__	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 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-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

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)
WQ092413 1300NP2-6	9/24/13	1300	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus Freon 113	3v 2P
WQ092413 1305NP2-7	↓	1305	GW	↓	3v 2P
WQ092413 1310NP2-10	↓	1310	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

9-26-13 13:20

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
[signature]	9/26/13 1300	[signature]	9/26/13 1300
Samples Relinquished By	Date/Time	Samples Received in LAB by: K. Buerger	9/26/13 1415

Temperature on Receipt 3.9 °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. 13I0971

YOUR Information
Company: LBG
Address: 4Research 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.
NABSAG.

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	Part360-Expanded (& Dioxins/Furans)	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-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)
WQ092413:1300NP2-6	9/24/13 1300	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	3v 2P
WQ092413:1305NP2-7	1305	GW	↓	3v 2P
WQ092413:1310NP2-10	1310	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

Chris C 9-26-13 13:20

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: 9/26/13 1300
Samples Relinquished By — Date/Time:

Samples Received By: LBG Fridge — Date/Time: 9/26/13 1300
Samples Received in LAB by: KBlodgett — Date/Time: 9/26/13 1615

Temperature on Receipt: 3.9 °C

APPENDIX II
SEPTEMBER 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: Mark Goldberg

Report Date: 09/17/2013
Client Project ID: O&M Sag Harbor (Rowe Industries Site)
York Project (SDG) No.: 13I0536

Report Date: 09/17/2013
Client Project ID: O&M Sag Harbor (Rowe Industries Site)
York Project (SDG) No.: 13I0536

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Mark Goldberg

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 September 13, 2013 and listed below. The project was identified as your project: **O&M Sag Harbor (Rowe Industries Site)**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13I0536-01	GWQ091213:1021NP1-2-1	Water	09/12/2013	09/13/2013
13I0536-02	GWQ091213:1120NP1-2-2	Water	09/12/2013	09/13/2013
13I0536-03	GWQ091213:1103NP1-2-3	Water	09/12/2013	09/13/2013
13I0536-04	GWQ091213:1125NP1-2-4	Water	09/12/2013	09/13/2013
13I0536-05	GWQ091213:949NP1-2-5	Water	09/12/2013	09/13/2013
13I0536-06	GWQ091213:1135NP1-2-6	Water	09/12/2013	09/13/2013
13I0536-07	GWQ091213:1145NP1-2-7	Water	09/12/2013	09/13/2013
13I0536-08	GWQ091213:912NP1-2-8	Water	09/12/2013	09/13/2013
13I0536-09	GWQ091213:835NP1-2-9	Water	09/12/2013	09/13/2013

General Notes for York Project (SDG) No.: 13I0536

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: 09/17/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: GWQ091213:1021NP1-2-1 **York Sample ID:** 13I0536-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 10:21 am	09/13/2013

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	09/16/2013 12:26	09/16/2013 23:43	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK

Sample Information

Client Sample ID: GWQ091213:1021NP1-2-1 **York Sample ID:** 13I0536-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 10:21 am	09/13/2013

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	09/16/2013 12:26	09/16/2013 23:43	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
67-66-3	Chloroform	**0.92**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/16/2013 12:26	09/16/2013 23:43	BK

Sample Information

Client Sample ID: GWQ091213:1021NP1-2-1 **York Sample ID:** 13I0536-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 10:21 am	09/13/2013

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 %*		*79-133*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*119 %*		*65-133*							
2037-26-5	*Surrogate: Toluene-d8*	*98.9 %*		*80-123*							

Sample Information

Client Sample ID: GWQ091213:1120NP1-2-2 **York Sample ID:** 13I0536-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 11:20 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 00:24	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK

Sample Information

Client Sample ID: GWQ091213:1120NP1-2-2 **York Sample ID:** 13I0536-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 11:20 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 00:24	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
67-64-1	Acetone	**1.4**	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
156-59-2	cis-1,2-Dichloroethylene	**2.1**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK

Sample Information

Client Sample ID: GWQ091213:1120NP1-2-2 **York Sample ID:** 13I0536-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 11:20 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 00:24	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
127-18-4	Tetrachloroethylene	**2.0**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
79-01-6	Trichloroethylene	**1.0**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:24	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*112 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*123 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*97.8 %*	*80-123*

Sample Information

Client Sample ID: GWQ091213:1103NP1-2-3 **York Sample ID:** 13I0536-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 11:03 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 00:59	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK

Sample Information

Client Sample ID: GWQ091213:1103NP1-2-3 **York Sample ID:** 13I0536-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 11:03 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 00:59	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK

Sample Information

Client Sample ID: GWQ091213:1103NP1-2-3 **York Sample ID:** 13I0536-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 11:03 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 00:59	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 00:59	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*122 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*98.0 %*	*80-123*

Sample Information

Client Sample ID: GWQ091213:1125NP1-2-4 **York Sample ID:** 13I0536-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 11:25 am	09/13/2013

Sample Information

Client Sample ID: GWQ091213:1125NP1-2-4 **York Sample ID:** 13I0536-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 11:25 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 01:35	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
67-64-1	Acetone	**1.2**	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK

Sample Information

Client Sample ID: GWQ091213:1125NP1-2-4 **York Sample ID:** 13I0536-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 11:25 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 01:35	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
127-18-4	Tetrachloroethylene	**1.4**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
79-01-6	Trichloroethylene	**0.25**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 01:35	BK

Sample Information

Client Sample ID: GWQ091213:1125NP1-2-4 **York Sample ID:** 13I0536-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 11:25 am	09/13/2013

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 %*		*79-133*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*119 %*		*65-133*							
2037-26-5	*Surrogate: Toluene-d8*	*99.4 %*		*80-123*							

Sample Information

Client Sample ID: GWQ091213:949NP1-2-5 **York Sample ID:** 13I0536-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 9:45 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 02:17	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK

Sample Information

Client Sample ID: GWQ091213:949NP1-2-5 **York Sample ID:** 13I0536-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 9:45 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 02:17	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
67-64-1	Acetone	**1.7**	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
67-66-3	Chloroform	**0.89**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK

Sample Information

Client Sample ID: GWQ091213:949NP1-2-5 **York Sample ID:** 13I0536-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 9:45 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 02:17	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:17	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*124 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*118 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*98.1 %*	*80-123*

Sample Information

Client Sample ID: GWQ091213:1135NP1-2-6 **York Sample ID:** 13I0536-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 11:35 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 02:53	BK
71-55-6	1,1,1-Trichloroethane	**0.89**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
75-34-3	1,1-Dichloroethane	**0.51**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK

Sample Information

Client Sample ID: GWQ091213:1135NP1-2-6 **York Sample ID:** 13I0536-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 11:35 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 02:53	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
67-64-1	Acetone	**1.1**	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
67-66-3	Chloroform	**0.22**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK

Sample Information

Client Sample ID: GWQ091213:1135NP1-2-6 **York Sample ID:** 13I0536-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 11:35 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 02:53	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
127-18-4	Tetrachloroethylene	**1.9**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 02:53	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*125 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*80-123*

Sample Information

Client Sample ID: GWQ091213:1145NP1-2-7 **York Sample ID:** 13I0536-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 11:45 am	09/13/2013

Sample Information

Client Sample ID: GWQ091213:1145NP1-2-7 **York Sample ID:** 13I0536-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 11:45 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 03:31	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
67-64-1	Acetone	**1.2**	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK

Sample Information

Client Sample ID: GWQ091213:1145NP1-2-7 **York Sample ID:** 13I0536-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 11:45 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 03:31	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
127-18-4	Tetrachloroethylene	**1.1**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 03:31	BK

Sample Information

Client Sample ID: GWQ091213:1145NP1-2-7 **York Sample ID:** 13I0536-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 11:45 am	09/13/2013

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*	*118 %*		*79-133*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*115 %*		*65-133*							
2037-26-5	*Surrogate: Toluene-d8*	*99.7 %*		*80-123*							

Sample Information

Client Sample ID: GWQ091213:912NP1-2-8 **York Sample ID:** 13I0536-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 9:12 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 04:07	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK

Sample Information

Client Sample ID: GWQ091213:912NP1-2-8 **York Sample ID:** 13I0536-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 9:12 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 04:07	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
67-64-1	Acetone	**1.0**	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK

Sample Information

Client Sample ID: GWQ091213:912NP1-2-8 **York Sample ID:** 13I0536-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 9:12 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 04:07	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:07	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*118 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*80-123*

Sample Information

Client Sample ID: GWQ091213:835NP1-2-9 **York Sample ID:** 13I0536-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 8:35 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 04:45	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK

Sample Information

Client Sample ID: GWQ091213:835NP1-2-9 **York Sample ID:** 13I0536-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 8:35 am	09/13/2013

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	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
67-64-1	Acetone	**1.5**	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK

Sample Information

Client Sample ID: GWQ091213:835NP1-2-9 **York Sample ID:** 13I0536-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0536	O&M Sag Harbor (Rowe Industries Site)	Water	September 12, 2013 8:35 am	09/13/2013

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	09/16/2013 12:26	09/17/2013 04:45	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/16/2013 12:26	09/17/2013 04:45	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*125 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*118 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*99.5 %*	*80-123*

Analytical Batch Summary

Batch ID: BI30664 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13I0536-01	GWQ091213:1021NP1-2-1	09/16/13
13I0536-02	GWQ091213:1120NP1-2-2	09/16/13
13I0536-03	GWQ091213:1103NP1-2-3	09/16/13
13I0536-04	GWQ091213:1125NP1-2-4	09/16/13
13I0536-05	GWQ091213:949NP1-2-5	09/16/13
13I0536-06	GWQ091213:1135NP1-2-6	09/16/13
13I0536-07	GWQ091213:1145NP1-2-7	09/16/13
13I0536-08	GWQ091213:912NP1-2-8	09/16/13
13I0536-09	GWQ091213:835NP1-2-9	09/16/13
BI30664-BLK1	Blank	09/16/13
BI30664-BS1	LCS	09/16/13
BI30664-BSD1	LCS Dup	09/16/13

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30664 - EPA 5030B											
Blank (BI30664-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	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.5	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: 09/16/2013

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30664 - EPA 5030B											
Blank (BI30664-BLK1)								Prepared & Analyzed: 09/16/2013			
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	*10.9*		*"*	*10.0*		*109*	*79-133*				
Surrogate: p-Bromofluorobenzene	*11.8*		*"*	*10.0*		*118*	*65-133*				
Surrogate: Toluene-d8	*9.85*		*"*	*10.0*		*98.5*	*80-123*				
LCS (BI30664-BS1)								Prepared & Analyzed: 09/16/2013			
1,1,1,2-Tetrachloroethane	9.51		ug/L	10.0		95.1	84-127				
1,1,1-Trichloroethane	10.2		"	10.0		102	80-131				
1,1,2,2-Tetrachloroethane	9.29		"	10.0		92.9	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	70-133				
1,1,2-Trichloroethane	9.13		"	10.0		91.3	73-124				
1,1-Dichloroethane	9.74		"	10.0		97.4	79-123				
1,1-Dichloroethylene	9.93		"	10.0		99.3	71-123				
1,1-Dichloropropylene	9.63		"	10.0		96.3	73-117				
1,2,3-Trichlorobenzene	9.80		"	10.0		98.0	78-117				
1,2,3-Trichloropropane	8.61		"	10.0		86.1	68-119				
1,2,4-Trichlorobenzene	9.54		"	10.0		95.4	78-117				
1,2,4-Trimethylbenzene	9.31		"	10.0		93.1	68-134				
1,2-Dibromo-3-chloropropane	9.14		"	10.0		91.4	73-129				
1,2-Dibromoethane	9.15		"	10.0		91.5	73-139				
1,2-Dichlorobenzene	9.82		"	10.0		98.2	83-110				
1,2-Dichloroethane	9.72		"	10.0		97.2	81-120				
1,2-Dichloropropane	9.57		"	10.0		95.7	76-120				
1,3,5-Trimethylbenzene	9.26		"	10.0		92.6	74-121				
1,3-Dichlorobenzene	9.61		"	10.0		96.1	82-112				
1,3-Dichloropropane	9.14		"	10.0		91.4	77-122				
1,4-Dichlorobenzene	9.60		"	10.0		96.0	83-110				
2,2-Dichloropropane	9.00		"	10.0		90.0	50-163				
2-Chlorotoluene	9.49		"	10.0		94.9	74-115				
2-Hexanone	8.01		"	10.0		80.1	65-130				
4-Chlorotoluene	9.58		"	10.0		95.8	77-119				
Acetone	9.03		"	10.0		90.3	54-129				
Benzene	9.95		"	10.0		99.5	77-122				
Bromobenzene	9.32		"	10.0		93.2	76-114				
Bromochloromethane	9.25		"	10.0		92.5	73-125				
Bromodichloromethane	9.66		"	10.0		96.6	83-120				
Bromoform	9.47		"	10.0		94.7	72-139				
Bromomethane	11.8		"	10.0		118	52-128				
Carbon tetrachloride	10.8		"	10.0		108	66-152				
Chlorobenzene	9.81		"	10.0		98.1	85-113				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30664 - EPA 5030B											
LCS (BI30664-BS1)								Prepared & Analyzed: 09/16/2013			
Chloroethane	9.83		ug/L	10.0		98.3	60-124				
Chloroform	9.81		"	10.0		98.1	82-119				
Chloromethane	8.60		"	10.0		86.0	42-126				
cis-1,2-Dichloroethylene	9.59		"	10.0		95.9	79-116				
cis-1,3-Dichloropropylene	9.68		"	10.0		96.8	85-134				
Dibromochloromethane	9.79		"	10.0		97.9	74-151				
Dibromomethane	9.11		"	10.0		91.1	74-128				
Dichlorodifluoromethane	9.90		"	10.0		99.0	10-146				
Ethyl Benzene	10.2		"	10.0		102	85-125				
Hexachlorobutadiene	9.97		"	10.0		99.7	69-131				
Isopropylbenzene	9.77		"	10.0		97.7	71-128				
Methyl tert-butyl ether (MTBE)	9.47		"	10.0		94.7	51-134				
Methylene chloride	9.04		"	10.0		90.4	76-122				
Naphthalene	9.40		"	10.0		94.0	72-127				
n-Butylbenzene	9.67		"	10.0		96.7	69-127				
n-Propylbenzene	9.79		"	10.0		97.9	70-129				
o-Xylene	9.78		"	10.0		97.8	83-117				
p- & m- Xylenes	19.5		"	20.0		97.7	80-126				
p-Isopropyltoluene	10.1		"	10.0		101	74-130				
sec-Butylbenzene	10.1		"	10.0		101	72-132				
Styrene	10.6		"	10.0		106	62-160				
tert-Butylbenzene	10.2		"	10.0		102	75-129				
Tetrachloroethylene	9.71		"	10.0		97.1	67-118				
Toluene	9.91		"	10.0		99.1	82-118				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	76-119				
trans-1,3-Dichloropropylene	9.47		"	10.0		94.7	80-137				
Trichloroethylene	9.55		"	10.0		95.5	71-122				
Trichlorofluoromethane	10.1		"	10.0		101	67-130				
Vinyl Chloride	9.95		"	10.0		99.5	49-125				
Surrogate: 1,2-Dichloroethane-d4	*9.39*		*"*	*10.0*		*93.9*	*79-133*				
Surrogate: p-Bromofluorobenzene	*9.93*		*"*	*10.0*		*99.3*	*65-133*				
Surrogate: Toluene-d8	*9.73*		*"*	*10.0*		*97.3*	*80-123*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30664 - EPA 5030B											
LCS Dup (BI30664-BSD1)							Prepared & Analyzed: 09/16/2013				
1,1,1,2-Tetrachloroethane	9.68		ug/L	10.0		96.8	84-127		1.77	30	
1,1,1-Trichloroethane	10.3		"	10.0		103	80-131		1.17	30	
1,1,2,2-Tetrachloroethane	9.85		"	10.0		98.5	76-120		5.85	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9		"	10.0		109	70-133		0.276	30	
1,1,2-Trichloroethane	9.64		"	10.0		96.4	73-124		5.43	30	
1,1-Dichloroethane	9.70		"	10.0		97.0	79-123		0.412	30	
1,1-Dichloroethylene	9.93		"	10.0		99.3	71-123		0.00	30	
1,1-Dichloropropylene	9.56		"	10.0		95.6	73-117		0.730	30	
1,2,3-Trichlorobenzene	10.3		"	10.0		103	78-117		5.27	30	
1,2,3-Trichloropropane	9.65		"	10.0		96.5	68-119		11.4	30	
1,2,4-Trichlorobenzene	9.79		"	10.0		97.9	78-117		2.59	30	
1,2,4-Trimethylbenzene	9.35		"	10.0		93.5	68-134		0.429	30	
1,2-Dibromo-3-chloropropane	9.86		"	10.0		98.6	73-129		7.58	30	
1,2-Dibromoethane	9.56		"	10.0		95.6	73-139		4.38	30	
1,2-Dichlorobenzene	10.0		"	10.0		100	83-110		2.02	30	
1,2-Dichloroethane	10.0		"	10.0		100	81-120		3.04	30	
1,2-Dichloropropane	9.71		"	10.0		97.1	76-120		1.45	30	
1,3,5-Trimethylbenzene	9.24		"	10.0		92.4	74-121		0.216	30	
1,3-Dichlorobenzene	9.66		"	10.0		96.6	82-112		0.519	30	
1,3-Dichloropropane	9.48		"	10.0		94.8	77-122		3.65	30	
1,4-Dichlorobenzene	9.97		"	10.0		99.7	83-110		3.78	30	
2,2-Dichloropropane	8.94		"	10.0		89.4	50-163		0.669	30	
2-Chlorotoluene	9.39		"	10.0		93.9	74-115		1.06	30	
2-Hexanone	8.87		"	10.0		88.7	65-130		10.2	30	
4-Chlorotoluene	9.67		"	10.0		96.7	77-119		0.935	30	
Acetone	9.72		"	10.0		97.2	54-129		7.36	30	
Benzene	9.94		"	10.0		99.4	77-122		0.101	30	
Bromobenzene	9.70		"	10.0		97.0	76-114		4.00	30	
Bromochloromethane	9.28		"	10.0		92.8	73-125		0.324	30	
Bromodichloromethane	9.86		"	10.0		98.6	83-120		2.05	30	
Bromoform	10.2		"	10.0		102	72-139		6.93	30	
Bromomethane	11.2		"	10.0		112	52-128		4.44	30	
Carbon tetrachloride	10.6		"	10.0		106	66-152		1.86	30	
Chlorobenzene	9.95		"	10.0		99.5	85-113		1.42	30	
Chloroethane	9.61		"	10.0		96.1	60-124		2.26	30	
Chloroform	9.85		"	10.0		98.5	82-119		0.407	30	
Chloromethane	8.52		"	10.0		85.2	42-126		0.935	30	
cis-1,2-Dichloroethylene	9.77		"	10.0		97.7	79-116		1.86	30	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	85-134		3.35	30	
Dibromochloromethane	10.1		"	10.0		101	74-151		2.72	30	
Dibromomethane	9.55		"	10.0		95.5	74-128		4.72	30	
Dichlorodifluoromethane	9.91		"	10.0		99.1	10-146		0.101	30	
Ethyl Benzene	10.2		"	10.0		102	85-125		0.392	30	
Hexachlorobutadiene	10.1		"	10.0		101	69-131		1.30	30	
Isopropylbenzene	9.90		"	10.0		99.0	71-128		1.32	30	
Methyl tert-butyl ether (MTBE)	9.86		"	10.0		98.6	51-134		4.04	30	
Methylene chloride	9.05		"	10.0		90.5	76-122		0.111	30	
Naphthalene	10.0		"	10.0		100	72-127		6.68	30	
n-Butylbenzene	9.78		"	10.0		97.8	69-127		1.13	30	
n-Propylbenzene	9.98		"	10.0		99.8	70-129		1.92	30	
o-Xylene	9.66		"	10.0		96.6	83-117		1.23	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30664 - EPA 5030B											
LCS Dup (BI30664-BSD1)								Prepared & Analyzed: 09/16/2013			
p- & m- Xylenes	19.4		ug/L	20.0		97.2	80-126		0.462	30	
p-Isopropyltoluene	10.1		"	10.0		101	74-130		0.0989	30	
sec-Butylbenzene	10.2		"	10.0		102	72-132		0.493	30	
Styrene	10.6		"	10.0		106	62-160		0.284	30	
tert-Butylbenzene	10.3		"	10.0		103	75-129		1.37	30	
Tetrachloroethylene	9.62		"	10.0		96.2	67-118		0.931	30	
Toluene	9.99		"	10.0		99.9	82-118		0.804	30	
trans-1,2-Dichloroethylene	9.81		"	10.0		98.1	76-119		2.02	30	
trans-1,3-Dichloropropylene	9.61		"	10.0		96.1	80-137		1.47	30	
Trichloroethylene	9.62		"	10.0		96.2	71-122		0.730	30	
Trichlorofluoromethane	9.86		"	10.0		98.6	67-130		2.31	30	
Vinyl Chloride	9.87		"	10.0		98.7	49-125		0.807	30	
Surrogate: 1,2-Dichloroethane-d4	*9.60*		*"*	*10.0*		*96.0*	*79-133*				
Surrogate: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*65-133*				
Surrogate: Toluene-d8	*9.76*		*"*	*10.0*		*97.6*	*80-123*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13I0536-01	GWQ091213:1021NP1-2-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0536-02	GWQ091213:1120NP1-2-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0536-03	GWQ091213:1103NP1-2-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0536-04	GWQ091213:1125NP1-2-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0536-05	GWQ091213:949NP1-2-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0536-06	GWQ091213:1135NP1-2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0536-07	GWQ091213:1145NP1-2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0536-08	GWQ091213:912NP1-2-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0536-09	GWQ091213:835NP1-2-9	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/LOD) or in the case of a TIC, 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. 18I0536

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
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.	Samples from: CT ___ NY X NJ ___	RUSH - Two Day ☐	CT RCP Package ___
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	NY ASP A Package ___
E-Mail Address: Tsandor@lbgct.com	E-Mail Address:	E-Mail Address:		RUSH - Four Day ☐	NY ASP B Package X, pdf
				Standard(5-7 Days) X	*Electronic Deliverables:* EDD (Specify Type) ___ Excel X

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)

Euan Foster
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Common Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point	Tot.Nitrogen	Cyanide-A
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs	Chloride	CBOD5
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX	Phosphate	BOD28
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxin/Furans	BTU/lb.	Tot. Phos.	COD
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica	MBAS	TPH-1664

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GWQ091213:1021NP1-2-1	9-12-13	GW	VOC 8260 full list (EPASW846-8260B) plus from 113	340mL VOA, HCL
GWQ091213:1120NP1-2-2	9-12-13			
GWQ091213:1103NP1-2-3	9-12-13			
GWQ091213:1125NP1-2-4	9-12-13			
GWQ091213:949NP1-2-5	9-12-13			
GWQ091213:1135NP1-2-6	9-12-13			
GWQ091213:1145NP1-2-7	9-12-13			
GWQ091213:912NP1-2-8	9-12-13			
GWQ091213:835NP1-2-9	9-12-13			

Comments

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

Samples Relinquished By: Lucas Williams — Date/Time: ___
Samples Relinquished By: ___ — Date/Time: ___

Samples Received By: [signature] — Date/Time: 9-13-13 16:45
Samples Received in LAB by: [signature] — Date/Time: 9-13-13 1650

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: 09/18/2013
Client Project ID: O&M Sag Harbor (Rowe Industries Site)
York Project (SDG) No.: 13I0535

Report Date: 09/18/2013
Client Project ID: O&M Sag Harbor (Rowe Industries Site)
York Project (SDG) No.: 13I0535

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 September 13, 2013 and listed below. The project was identified as your project: **O&M Sag Harbor (Rowe Industries Site)**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13I0535-01	WQ091113:1430 FRW-1	Water	09/11/2013	09/13/2013
13I0535-02	WQ091113:1435 FRW-2	Water	09/11/2013	09/13/2013
13I0535-03	WQ091113:1440 FRW-3	Water	09/11/2013	09/13/2013
13I0535-04	WQ091113:1445 FRW-4	Water	09/11/2013	09/13/2013

General Notes for York Project (SDG) No.: 13I0535

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: 09/18/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ091113:1430 FRW-1 **York Sample ID:** 13I0535-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0535	O&M Sag Harbor (Rowe Industries Site)	Water	September 11, 2013 2:30 pm	09/13/2013

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	09/16/2013 08:14	09/16/2013 16:44	BK
71-55-6	1,1,1-Trichloroethane	**0.58**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
67-64-1	Acetone	**1.4**	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK

Sample Information

Client Sample ID: WQ091113:1430 FRW-1 **York Sample ID:** 13I0535-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0535	O&M Sag Harbor (Rowe Industries Site)	Water	September 11, 2013 2:30 pm	09/13/2013

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	09/16/2013 08:14	09/16/2013 16:44	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
156-59-2	cis-1,2-Dichloroethylene	**110**		ug/L	1.0	2.5	5	EPA SW846-8260B	09/16/2013 08:14	09/17/2013 12:31	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
127-18-4	Tetrachloroethylene	**42**		ug/L	1.0	2.5	5	EPA SW846-8260B	09/16/2013 08:14	09/17/2013 12:31	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
79-01-6	Trichloroethylene	**4.1**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
75-01-4	Vinyl Chloride	**0.73**		ug/L	0.50	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 16:44	BK

Sample Information

Client Sample ID: WQ091113:1430 FRW-1 **York Sample ID:** 13I0535-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0535	O&M Sag Harbor (Rowe Industries Site)	Water	September 11, 2013 2:30 pm	09/13/2013

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 %*		*79-133*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*115 %*		*65-133*							
2037-26-5	*Surrogate: Toluene-d8*	*101 %*		*80-123*							

Sample Information

Client Sample ID: WQ091113:1435 FRW-2 **York Sample ID:** 13I0535-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0535	O&M Sag Harbor (Rowe Industries Site)	Water	September 11, 2013 2:35 pm	09/13/2013

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	09/16/2013 08:14	09/16/2013 17:20	BK
71-55-6	1,1,1-Trichloroethane	**0.47**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
75-34-3	1,1-Dichloroethane	**0.23**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
75-35-4	1,1-Dichloroethylene	**0.20**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK

Sample Information

Client Sample ID: WQ091113:1435 FRW-2 **York Sample ID:** 13I0535-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0535	O&M Sag Harbor (Rowe Industries Site)	Water	September 11, 2013 2:35 pm	09/13/2013

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	09/16/2013 08:14	09/16/2013 17:20	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
67-64-1	Acetone	**14**	B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
156-59-2	cis-1,2-Dichloroethylene	**160**		ug/L	2.0	5.0	10	EPA SW846-8260B	09/16/2013 08:14	09/17/2013 10:32	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK

Sample Information

Client Sample ID: WQ091113:1435 FRW-2 **York Sample ID:** 13I0535-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0535	O&M Sag Harbor (Rowe Industries Site)	Water	September 11, 2013 2:35 pm	09/13/2013

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	09/16/2013 08:14	09/16/2013 17:20	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
127-18-4	Tetrachloroethylene	**20**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
79-01-6	Trichloroethylene	**2.2**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
75-01-4	Vinyl Chloride	**5.0**		ug/L	0.50	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:20	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*114 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*80-123*

Sample Information

Client Sample ID: WQ091113:1440 FRW-3 **York Sample ID:** 13I0535-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0535	O&M Sag Harbor (Rowe Industries Site)	Water	September 11, 2013 2:40 pm	09/13/2013

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	09/16/2013 08:14	09/16/2013 17:56	BK
71-55-6	1,1,1-Trichloroethane	**0.23**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
75-34-3	1,1-Dichloroethane	**0.30**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK

Sample Information

Client Sample ID: WQ091113:1440 FRW-3 **York Sample ID:** 13I0535-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0535	O&M Sag Harbor (Rowe Industries Site)	Water	September 11, 2013 2:40 pm	09/13/2013

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	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
67-64-1	Acetone	**1.7**	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
156-59-2	cis-1,2-Dichloroethylene	**21**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK

Sample Information

Client Sample ID: WQ091113:1440 FRW-3 **York Sample ID:** 13I0535-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0535	O&M Sag Harbor (Rowe Industries Site)	Water	September 11, 2013 2:40 pm	09/13/2013

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	09/16/2013 08:14	09/16/2013 17:56	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
98-82-8	Isopropylbenzene	**0.90**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
103-65-1	n-Propylbenzene	**0.75**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
127-18-4	Tetrachloroethylene	**27**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
79-01-6	Trichloroethylene	**3.1**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
75-01-4	Vinyl Chloride	**2.5**		ug/L	0.50	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 17:56	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.7 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*119 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*80-123*

Sample Information

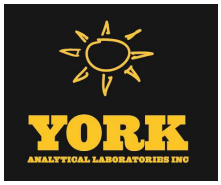
Client Sample ID: WQ091113:1445 FRW-4 **York Sample ID:** 13I0535-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0535	O&M Sag Harbor (Rowe Industries Site)	Water	September 11, 2013 2:45 pm	09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: **WQ091113:1445 FRW-4** **York Sample ID:** **13I0535-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0535	O&M Sag Harbor (Rowe Industries Site)	Water	September 11, 2013 2:45 pm	09/13/2013

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	09/16/2013 08:14	09/16/2013 18:37	BK
71-55-6	1,1,1-Trichloroethane	**0.34**	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
67-64-1	Acetone	**1.9**	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK

Sample Information

Client Sample ID: WQ091113:1445 FRW-4 **York Sample ID:** 13I0535-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0535	O&M Sag Harbor (Rowe Industries Site)	Water	September 11, 2013 2:45 pm	09/13/2013

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	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
156-59-2	cis-1,2-Dichloroethylene	**4.1**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
127-18-4	Tetrachloroethylene	**19**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
79-01-6	Trichloroethylene	**2.7**		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/16/2013 08:14	09/16/2013 18:37	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*120 %*	*65-133*

Sample Information

Client Sample ID: WQ091113:1445 FRW-4 **York Sample ID:** 13I0535-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0535	O&M Sag Harbor (Rowe Industries Site)	Water	September 11, 2013 2:45 pm	09/13/2013

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*	*105 %*			*80-123*						

Analytical Batch Summary

Batch ID: BI30652 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13I0535-01	WQ091113:1430 FRW-1	09/16/13
13I0535-02	WQ091113:1435 FRW-2	09/16/13
13I0535-03	WQ091113:1440 FRW-3	09/16/13
13I0535-04	WQ091113:1445 FRW-4	09/16/13
BI30652-BLK1	Blank	09/16/13
BI30652-BS1	LCS	09/16/13
BI30652-BSD1	LCS Dup	09/16/13

Batch ID: BI30702 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13I0535-01RE1	WQ091113:1430 FRW-1	09/17/13
13I0535-02RE1	WQ091113:1435 FRW-2	09/17/13
BI30702-BLK1	Blank	09/17/13
BI30702-BS1	LCS	09/17/13
BI30702-BSD1	LCS Dup	09/17/13

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30652 - EPA 5030B											
Blank (BI30652-BLK1)											Prepared & Analyzed: 09/16/2013
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	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.0	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 GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30652 - EPA 5030B											
Blank (BI30652-BLK1)								Prepared & Analyzed: 09/16/2013			
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	*9.95*		*"*	*10.0*		*99.5*	*79-133*				
Surrogate: p-Bromofluorobenzene	*11.3*		*"*	*10.0*		*113*	*65-133*				
Surrogate: Toluene-d8	*9.91*		*"*	*10.0*		*99.1*	*80-123*				
LCS (BI30652-BS1)								Prepared & Analyzed: 09/16/2013			
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	84-127				
1,1,1-Trichloroethane	9.33		"	10.0		93.3	80-131				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.32		"	10.0		93.2	70-133				
1,1,2-Trichloroethane	9.92		"	10.0		99.2	73-124				
1,1-Dichloroethane	8.87		"	10.0		88.7	79-123				
1,1-Dichloroethylene	8.54		"	10.0		85.4	71-123				
1,1-Dichloropropylene	8.87		"	10.0		88.7	73-117				
1,2,3-Trichlorobenzene	9.23		"	10.0		92.3	78-117				
1,2,3-Trichloropropane	10.5		"	10.0		105	68-119				
1,2,4-Trichlorobenzene	9.02		"	10.0		90.2	78-117				
1,2,4-Trimethylbenzene	9.86		"	10.0		98.6	68-134				
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	73-129				
1,2-Dibromoethane	10.2		"	10.0		102	73-139				
1,2-Dichlorobenzene	10.3		"	10.0		103	83-110				
1,2-Dichloroethane	9.26		"	10.0		92.6	81-120				
1,2-Dichloropropane	9.83		"	10.0		98.3	76-120				
1,3,5-Trimethylbenzene	8.93		"	10.0		89.3	74-121				
1,3-Dichlorobenzene	10.2		"	10.0		102	82-112				
1,3-Dichloropropane	9.91		"	10.0		99.1	77-122				
1,4-Dichlorobenzene	10.4		"	10.0		104	83-110				
2,2-Dichloropropane	9.85		"	10.0		98.5	50-163				
2-Chlorotoluene	9.62		"	10.0		96.2	74-115				
2-Hexanone	9.78		"	10.0		97.8	65-130				
4-Chlorotoluene	9.87		"	10.0		98.7	77-119				
Acetone	9.69		"	10.0		96.9	54-129				
Benzene	9.31		"	10.0		93.1	77-122				
Bromobenzene	10.3		"	10.0		103	76-114				
Bromochloromethane	8.99		"	10.0		89.9	73-125				
Bromodichloromethane	10.0		"	10.0		100	83-120				
Bromoform	11.4		"	10.0		114	72-139				
Bromomethane	10.1		"	10.0		101	52-128				
Carbon tetrachloride	9.73		"	10.0		97.3	66-152				
Chlorobenzene	9.99		"	10.0		99.9	85-113				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30652 - EPA 5030B											
LCS (BI30652-BS1)								Prepared & Analyzed: 09/16/2013			
Chloroethane	8.18		ug/L	10.0		81.8	60-124				
Chloroform	9.16		"	10.0		91.6	82-119				
Chloromethane	6.03		"	10.0		60.3	42-126				
cis-1,2-Dichloroethylene	8.95		"	10.0		89.5	79-116				
cis-1,3-Dichloropropylene	10.9		"	10.0		109	85-134				
Dibromochloromethane	11.1		"	10.0		111	74-151				
Dibromomethane	9.96		"	10.0		99.6	74-128				
Dichlorodifluoromethane	5.34		"	10.0		53.4	10-146				
Ethyl Benzene	10.0		"	10.0		100	85-125				
Hexachlorobutadiene	10.3		"	10.0		103	69-131				
Isopropylbenzene	10.0		"	10.0		100	71-128				
Methyl tert-butyl ether (MTBE)	9.53		"	10.0		95.3	51-134				
Methylene chloride	8.03		"	10.0		80.3	76-122				
Naphthalene	7.42		"	10.0		74.2	72-127				
n-Butylbenzene	9.53		"	10.0		95.3	69-127				
n-Propylbenzene	9.97		"	10.0		99.7	70-129				
o-Xylene	9.66		"	10.0		96.6	83-117				
p- & m- Xylenes	19.0		"	20.0		95.2	80-126				
p-Isopropyltoluene	10.5		"	10.0		105	74-130				
sec-Butylbenzene	10.3		"	10.0		103	72-132				
Styrene	11.0		"	10.0		110	62-160				
tert-Butylbenzene	10.7		"	10.0		107	75-129				
Tetrachloroethylene	9.95		"	10.0		99.5	67-118				
Toluene	9.90		"	10.0		99.0	82-118				
trans-1,2-Dichloroethylene	8.76		"	10.0		87.6	76-119				
trans-1,3-Dichloropropylene	10.8		"	10.0		108	80-137				
Trichloroethylene	9.53		"	10.0		95.3	71-122				
Trichlorofluoromethane	8.40		"	10.0		84.0	67-130				
Vinyl Chloride	7.54		"	10.0		75.4	49-125				
Surrogate: 1,2-Dichloroethane-d4	*8.98*		*"*	*10.0*		*89.8*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*65-133*				
Surrogate: Toluene-d8	*9.55*		*"*	*10.0*		*95.5*	*80-123*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30652 - EPA 5030B											
LCS Dup (BI30652-BSD1)							Prepared & Analyzed: 09/16/2013				
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	84-127		0.878	30	
1,1,1-Trichloroethane	9.22		"	10.0		92.2	80-131		1.19	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-120		1.87	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.09		"	10.0		90.9	70-133		2.50	30	
1,1,2-Trichloroethane	9.95		"	10.0		99.5	73-124		0.302	30	
1,1-Dichloroethane	8.75		"	10.0		87.5	79-123		1.36	30	
1,1-Dichloroethylene	8.36		"	10.0		83.6	71-123		2.13	30	
1,1-Dichloropropylene	8.72		"	10.0		87.2	73-117		1.71	30	
1,2,3-Trichlorobenzene	9.37		"	10.0		93.7	78-117		1.51	30	
1,2,3-Trichloropropane	10.4		"	10.0		104	68-119		0.768	30	
1,2,4-Trichlorobenzene	8.95		"	10.0		89.5	78-117		0.779	30	
1,2,4-Trimethylbenzene	9.44		"	10.0		94.4	68-134		4.35	30	
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	73-129		2.28	30	
1,2-Dibromoethane	10.3		"	10.0		103	73-139		0.488	30	
1,2-Dichlorobenzene	10.2		"	10.0		102	83-110		1.27	30	
1,2-Dichloroethane	9.25		"	10.0		92.5	81-120		0.108	30	
1,2-Dichloropropane	10.0		"	10.0		100	76-120		2.21	30	
1,3,5-Trimethylbenzene	9.02		"	10.0		90.2	74-121		1.00	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	82-112		0.393	30	
1,3-Dichloropropane	9.95		"	10.0		99.5	77-122		0.403	30	
1,4-Dichlorobenzene	10.2		"	10.0		102	83-110		1.65	30	
2,2-Dichloropropane	9.58		"	10.0		95.8	50-163		2.78	30	
2-Chlorotoluene	9.46		"	10.0		94.6	74-115		1.68	30	
2-Hexanone	9.28		"	10.0		92.8	65-130		5.25	30	
4-Chlorotoluene	9.72		"	10.0		97.2	77-119		1.53	30	
Acetone	8.44		"	10.0		84.4	54-129		13.8	30	
Benzene	9.20		"	10.0		92.0	77-122		1.19	30	
Bromobenzene	10.2		"	10.0		102	76-114		1.07	30	
Bromochloromethane	8.93		"	10.0		89.3	73-125		0.670	30	
Bromodichloromethane	10.1		"	10.0		101	83-120		0.892	30	
Bromoform	11.4		"	10.0		114	72-139		0.175	30	
Bromomethane	9.98		"	10.0		99.8	52-128		1.49	30	
Carbon tetrachloride	9.50		"	10.0		95.0	66-152		2.39	30	
Chlorobenzene	10.0		"	10.0		100	85-113		0.300	30	
Chloroethane	8.04		"	10.0		80.4	60-124		1.73	30	
Chloroform	9.19		"	10.0		91.9	82-119		0.327	30	
Chloromethane	5.91		"	10.0		59.1	42-126		2.01	30	
cis-1,2-Dichloroethylene	8.84		"	10.0		88.4	79-116		1.24	30	
cis-1,3-Dichloropropylene	10.9		"	10.0		109	85-134		0.734	30	
Dibromochloromethane	11.3		"	10.0		113	74-151		2.41	30	
Dibromomethane	9.89		"	10.0		98.9	74-128		0.705	30	
Dichlorodifluoromethane	5.41		"	10.0		54.1	10-146		1.30	30	
Ethyl Benzene	10.2		"	10.0		102	85-125		1.78	30	
Hexachlorobutadiene	10.2		"	10.0		102	69-131		1.08	30	
Isopropylbenzene	9.97		"	10.0		99.7	71-128		0.600	30	
Methyl tert-butyl ether (MTBE)	9.30		"	10.0		93.0	51-134		2.44	30	
Methylene chloride	7.96		"	10.0		79.6	76-122		0.876	30	
Naphthalene	7.39		"	10.0		73.9	72-127		0.405	30	
n-Butylbenzene	9.39		"	10.0		93.9	69-127		1.48	30	
n-Propylbenzene	9.84		"	10.0		98.4	70-129		1.31	30	
o-Xylene	9.72		"	10.0		97.2	83-117		0.619	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

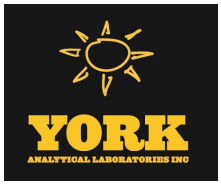
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30652 - EPA 5030B											
LCS Dup (BI30652-BSD1)								Prepared & Analyzed: 09/16/2013			
p- & m- Xylenes	19.0		ug/L	20.0		95.2	80-126		0.0525	30	
p-Isopropyltoluene	10.2		"	10.0		102	74-130		3.68	30	
sec-Butylbenzene	10.1		"	10.0		101	72-132		1.95	30	
Styrene	10.5		"	10.0		105	62-160		4.47	30	
tert-Butylbenzene	10.0		"	10.0		100	75-129		5.98	30	
Tetrachloroethylene	9.92		"	10.0		99.2	67-118		0.302	30	
Toluene	9.95		"	10.0		99.5	82-118		0.504	30	
trans-1,2-Dichloroethylene	8.78		"	10.0		87.8	76-119		0.228	30	
trans-1,3-Dichloropropylene	10.9		"	10.0		109	80-137		1.11	30	
Trichloroethylene	9.71		"	10.0		97.1	71-122		1.87	30	
Trichlorofluoromethane	8.29		"	10.0		82.9	67-130		1.32	30	
Vinyl Chloride	7.47		"	10.0		74.7	49-125		0.933	30	
Surrogate: 1,2-Dichloroethane-d4	*9.09*		*"*	*10.0*		*90.9*	*79-133*				
Surrogate: p-Bromofluorobenzene	*9.91*		*"*	*10.0*		*99.1*	*65-133*				
Surrogate: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*80-123*				
Batch BI30702 - EPA 5030B											
Blank (BI30702-BLK1)								Prepared & Analyzed: 09/17/2013			
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	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.6	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30702 - EPA 5030B											
Blank (BI30702-BLK1)											
Prepared & Analyzed: 09/17/2013											
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	*10.8*		*"*	*10.0*		*108*	*79-133*				
Surrogate: p-Bromofluorobenzene	*11.8*		*"*	*10.0*		*118*	*65-133*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*80-123*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30702 - EPA 5030B											
LCS (BI30702-BS1)								Prepared & Analyzed: 09/17/2013			
1,1,1,2-Tetrachloroethane	9.38		ug/L	10.0		93.8	84-127				
1,1,1-Trichloroethane	11.0		"	10.0		110	80-131				
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9		"	10.0		119	70-133				
1,1,2-Trichloroethane	10.0		"	10.0		100	73-124				
1,1-Dichloroethane	10.7		"	10.0		107	79-123				
1,1-Dichloroethylene	10.9		"	10.0		109	71-123				
1,1-Dichloropropylene	10.3		"	10.0		103	73-117				
1,2,3-Trichlorobenzene	10.1		"	10.0		101	78-117				
1,2,3-Trichloropropane	10.1		"	10.0		101	68-119				
1,2,4-Trichlorobenzene	9.81		"	10.0		98.1	78-117				
1,2,4-Trimethylbenzene	9.36		"	10.0		93.6	68-134				
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	73-129				
1,2-Dibromoethane	10.1		"	10.0		101	73-139				
1,2-Dichlorobenzene	9.92		"	10.0		99.2	83-110				
1,2-Dichloroethane	11.0		"	10.0		110	81-120				
1,2-Dichloropropane	9.61		"	10.0		96.1	76-120				
1,3,5-Trimethylbenzene	8.78		"	10.0		87.8	74-121				
1,3-Dichlorobenzene	9.61		"	10.0		96.1	82-112				
1,3-Dichloropropane	9.68		"	10.0		96.8	77-122				
1,4-Dichlorobenzene	9.63		"	10.0		96.3	83-110				
2,2-Dichloropropane	11.2		"	10.0		112	50-163				
2-Chlorotoluene	9.49		"	10.0		94.9	74-115				
2-Hexanone	9.40		"	10.0		94.0	65-130				
4-Chlorotoluene	9.58		"	10.0		95.8	77-119				
Acetone	10.1		"	10.0		101	54-129				
Benzene	10.7		"	10.0		107	77-122				
Bromobenzene	9.73		"	10.0		97.3	76-114				
Bromochloromethane	11.6		"	10.0		116	73-125				
Bromodichloromethane	9.76		"	10.0		97.6	83-120				
Bromoform	10.1		"	10.0		101	72-139				
Bromomethane	9.11		"	10.0		91.1	52-128				
Carbon tetrachloride	11.8		"	10.0		118	66-152				
Chlorobenzene	9.97		"	10.0		99.7	85-113				
Chloroethane	11.0		"	10.0		110	60-124				
Chloroform	10.6		"	10.0		106	82-119				
Chloromethane	7.73		"	10.0		77.3	42-126				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	79-116				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	85-134				
Dibromochloromethane	10.1		"	10.0		101	74-151				
Dibromomethane	9.93		"	10.0		99.3	74-128				
Dichlorodifluoromethane	9.30		"	10.0		93.0	10-146				
Ethyl Benzene	10.2		"	10.0		102	85-125				
Hexachlorobutadiene	10.3		"	10.0		103	69-131				
Isopropylbenzene	9.86		"	10.0		98.6	71-128				
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	51-134				
Methylene chloride	10.6		"	10.0		106	76-122				
Naphthalene	10.3		"	10.0		103	72-127				
n-Butylbenzene	9.97		"	10.0		99.7	69-127				
n-Propylbenzene	9.79		"	10.0		97.9	70-129				
o-Xylene	9.88		"	10.0		98.8	83-117				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30702 - EPA 5030B											
LCS (BI30702-BS1)							Prepared & Analyzed: 09/17/2013				
p- & m- Xylenes	19.5		ug/L	20.0		97.6	80-126				
p-Isopropyltoluene	10.1		"	10.0		101	74-130				
sec-Butylbenzene	10.2		"	10.0		102	72-132				
Styrene	10.4		"	10.0		104	62-160				
tert-Butylbenzene	9.25		"	10.0		92.5	75-129				
Tetrachloroethylene	9.62		"	10.0		96.2	67-118				
Toluene	9.91		"	10.0		99.1	82-118				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	76-119				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	80-137				
Trichloroethylene	9.44		"	10.0		94.4	71-122				
Trichlorofluoromethane	11.0		"	10.0		110	67-130				
Vinyl Chloride	10.5		"	10.0		105	49-125				
Surrogate: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*65-133*				
Surrogate: Toluene-d8	*9.57*		*"*	*10.0*		*95.7*	*80-123*				
LCS Dup (BI30702-BSD1)							Prepared & Analyzed: 09/17/2013				
1,1,1,2-Tetrachloroethane	9.26		ug/L	10.0		92.6	84-127		1.29	30	
1,1,1-Trichloroethane	10.8		"	10.0		108	80-131		1.66	30	
1,1,2,2-Tetrachloroethane	9.91		"	10.0		99.1	76-120		3.57	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	70-133		2.98	30	
1,1,2-Trichloroethane	9.84		"	10.0		98.4	73-124		1.61	30	
1,1-Dichloroethane	10.7		"	10.0		107	79-123		0.00	30	
1,1-Dichloroethylene	10.8		"	10.0		108	71-123		1.11	30	
1,1-Dichloropropylene	10.2		"	10.0		102	73-117		0.0975	30	
1,2,3-Trichlorobenzene	9.88		"	10.0		98.8	78-117		1.90	30	
1,2,3-Trichloropropane	9.33		"	10.0		93.3	68-119		7.83	30	
1,2,4-Trichlorobenzene	9.40		"	10.0		94.0	78-117		4.27	30	
1,2,4-Trimethylbenzene	8.87		"	10.0		88.7	68-134		5.38	30	
1,2-Dibromo-3-chloropropane	9.86		"	10.0		98.6	73-129		5.52	30	
1,2-Dibromoethane	10.0		"	10.0		100	73-139		1.09	30	
1,2-Dichlorobenzene	9.70		"	10.0		97.0	83-110		2.24	30	
1,2-Dichloroethane	11.1		"	10.0		111	81-120		1.08	30	
1,2-Dichloropropane	9.50		"	10.0		95.0	76-120		1.15	30	
1,3,5-Trimethylbenzene	8.28		"	10.0		82.8	74-121		5.86	30	
1,3-Dichlorobenzene	9.19		"	10.0		91.9	82-112		4.47	30	
1,3-Dichloropropane	9.57		"	10.0		95.7	77-122		1.14	30	
1,4-Dichlorobenzene	9.38		"	10.0		93.8	83-110		2.63	30	
2,2-Dichloropropane	11.1		"	10.0		111	50-163		1.34	30	
2-Chlorotoluene	9.05		"	10.0		90.5	74-115		4.75	30	
2-Hexanone	9.18		"	10.0		91.8	65-130		2.37	30	
4-Chlorotoluene	9.28		"	10.0		92.8	77-119		3.18	30	
Acetone	10.3		"	10.0		103	54-129		1.87	30	
Benzene	10.7		"	10.0		107	77-122		0.187	30	
Bromobenzene	9.43		"	10.0		94.3	76-114		3.13	30	
Bromochloromethane	11.2		"	10.0		112	73-125		4.21	30	
Bromodichloromethane	9.59		"	10.0		95.9	83-120		1.76	30	
Bromoform	9.93		"	10.0		99.3	72-139		1.50	30	
Bromomethane	9.78		"	10.0		97.8	52-128		7.09	30	
Carbon tetrachloride	11.7		"	10.0		117	66-152		0.426	30	
Chlorobenzene	9.76		"	10.0		97.6	85-113		2.13	30	
Chloroethane	10.7		"	10.0		107	60-124		3.31	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30702 - EPA 5030B											
LCS Dup (BI30702-BSD1)								Prepared & Analyzed: 09/17/2013			
Chloroform	10.6		ug/L	10.0		106	82-119		0.189	30	
Chloromethane	7.78		"	10.0		77.8	42-126		0.645	30	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	79-116		1.05	30	
cis-1,3-Dichloropropylene	10.1		"	10.0		101	85-134		2.45	30	
Dibromochloromethane	10.0		"	10.0		100	74-151		0.698	30	
Dibromomethane	9.62		"	10.0		96.2	74-128		3.17	30	
Dichlorodifluoromethane	9.34		"	10.0		93.4	10-146		0.429	30	
Ethyl Benzene	9.94		"	10.0		99.4	85-125		2.68	30	
Hexachlorobutadiene	9.77		"	10.0		97.7	69-131		5.28	30	
Isopropylbenzene	9.39		"	10.0		93.9	71-128		4.88	30	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	51-134		1.10	30	
Methylene chloride	10.4		"	10.0		104	76-122		2.29	30	
Naphthalene	9.61		"	10.0		96.1	72-127		6.93	30	
n-Butylbenzene	9.44		"	10.0		94.4	69-127		5.46	30	
n-Propylbenzene	9.63		"	10.0		96.3	70-129		1.65	30	
o-Xylene	9.61		"	10.0		96.1	83-117		2.77	30	
p- & m- Xylenes	18.9		"	20.0		94.6	80-126		3.23	30	
p-Isopropyltoluene	9.76		"	10.0		97.6	74-130		3.42	30	
sec-Butylbenzene	9.75		"	10.0		97.5	72-132		4.61	30	
Styrene	10.1		"	10.0		101	62-160		3.31	30	
tert-Butylbenzene	9.06		"	10.0		90.6	75-129		2.08	30	
Tetrachloroethylene	9.03		"	10.0		90.3	67-118		6.33	30	
Toluene	9.68		"	10.0		96.8	82-118		2.35	30	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	76-119		3.41	30	
trans-1,3-Dichloropropylene	9.84		"	10.0		98.4	80-137		2.41	30	
Trichloroethylene	9.24		"	10.0		92.4	71-122		2.14	30	
Trichlorofluoromethane	11.0		"	10.0		110	67-130		0.0906	30	
Vinyl Chloride	10.4		"	10.0		104	49-125		1.15	30	
Surrogate: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*79-133*				
Surrogate: p-Bromofluorobenzene	*9.85*		*"*	*10.0*		*98.5*	*65-133*				
Surrogate: Toluene-d8	*9.75*		*"*	*10.0*		*97.5*	*80-123*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13I0535-01	WQ091113:1430 FRW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0535-02	WQ091113:1435 FRW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0535-03	WQ091113:1440 FRW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0535-04	WQ091113:1445 FRW-4	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/LOD) or in the case of a TIC, 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. 13ID535

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	Purchase Order no. NABSAG	RUSH Two Day ___	CT RCP Pkg ___
Contact Person Tunde Sandor	Address: ___	Address: ___		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 HWAT
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			Special Instructions
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color	Field Filtered ☐
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols	Lab to Filter ☐
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 (No Dioxins/Furans)	BTU/lb.	Tot. Phos.	COD	
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360 (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	

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ091113:1430FRW-1	9/11/13 1430	GW	VOC 8260 full list (EPA SW846-8260B)	3v
WQ091113:1435FRW-2	1435	GW	VOC 8260 full list (EPA SW846-8260B)	3v
WQ091113:1440FRW-3	1440	GW	VOC 8260 full list (EPA SW846-8260B)	3v
WQ091113:1445FRW-4	1445	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 ___

Lucas Williams — Samples Relinquished By — Date/Time ___

___ — Samples Relinquished By — Date/Time ___

Chris 9-13-13 16:40 — Samples Received By — Date/Time

PGrace 9-13-13 1650 — Samples Received in LAB by — Date/Time

Temperature on Receipt 3.5 °C

APPENDIX III

SEPTEMBER 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: 09/09/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13I0197

Report Date: 09/09/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13I0197

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 September 05, 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
13I0197-01	AQ090313:1350NP4-1	Vapor Extraction	09/03/2013	09/05/2013
13I0197-02	AQ090313:1355NP4-2	Vapor Extraction	09/03/2013	09/05/2013
13I0197-03	AQ090313:1400NP4-3	Vapor Extraction	09/03/2013	09/05/2013

General Notes for York Project (SDG) No.: 13I0197

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: 09/09/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: AQ090313:1350NP4-1 **York Sample ID:** 13I0197-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0197	Rowe Industries	Vapor Extraction	September 3, 2013 1:50 pm	09/05/2013

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	0.26	0.26	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
79-01-6	Trichloroethylene	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
108-88-3	Toluene	**1.5**		ug/m³	0.38	0.38	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
109-99-9	Tetrahydrofuran	**1.4**		ug/m³	0.30	0.30	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
127-18-4	Tetrachloroethylene	**0.97**		ug/m³	0.69	0.69	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
115-07-01	Propylene	ND		ug/m³	0.18	0.18	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	2.5	2.5	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
179601-23-1	p- & m- Xylenes	**0.93**		ug/m³	0.88	0.88	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
95-47-6	o-Xylene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
110-54-3	n-Hexane	**1.2**		ug/m³	0.36	0.36	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
142-82-5	n-Heptane	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
75-09-2	Methylene chloride	**2.3**		ug/m³	0.35	0.35	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
67-63-0	Isopropanol	ND		ug/m³	0.25	0.25	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
100-41-4	Ethyl Benzene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
141-78-6	Ethyl acetate	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
110-82-7	Cyclohexane	ND		ug/m³	0.35	0.35	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
74-87-3	Chloromethane	**2.0**		ug/m³	0.21	0.21	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
67-66-3	Chloroform	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
56-23-5	Carbon tetrachloride	**1.0**		ug/m³	0.32	0.32	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
75-15-0	Carbon disulfide	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB

Sample Information

Client Sample ID: AQ090313:1350NP4-1 **York Sample ID:** 13I0197-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0197	Rowe Industries	Vapor Extraction	September 3, 2013 1:50 pm	09/05/2013

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	0.63	0.63	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
100-44-7	Benzyl chloride	ND		ug/m³	0.53	0.53	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
71-43-2	Benzene	**0.94**		ug/m³	0.32	0.32	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
67-64-1	Acetone	**9.4**		ug/m³	0.24	0.24	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
591-78-6	2-Hexanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
78-93-3	2-Butanone	**2.0**		ug/m³	0.30	0.30	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
106-99-0	1,3-Butadiene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
75-69-4	Trichlorofluoromethane (Freon 11)	**2.4**		ug/m³	0.57	0.57	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	**1.2**		ug/m³	0.78	0.78	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
75-71-8	Dichlorodifluoromethane	**4.2**		ug/m³	0.50	0.50	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 17:20	RB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.8 %*	*70-130*

Sample Information

Client Sample ID: AQ090313:1355NP4-2 **York Sample ID:** 13I0197-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0197	Rowe Industries	Vapor Extraction	September 3, 2013 1:55 pm	09/05/2013

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	0.26	0.26	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
79-01-6	Trichloroethylene	**2.9**		ug/m³	0.27	0.27	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
108-88-3	Toluene	**1.3**		ug/m³	0.38	0.38	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
109-99-9	Tetrahydrofuran	**1.1**		ug/m³	0.30	0.30	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
127-18-4	Tetrachloroethylene	**44**		ug/m³	0.69	0.69	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
115-07-01	Propylene	ND		ug/m³	0.18	0.18	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	2.5	2.5	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
179601-23-1	p- & m- Xylenes	**1.4**		ug/m³	0.88	0.88	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
95-47-6	o-Xylene	**0.53**		ug/m³	0.44	0.44	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
110-54-3	n-Hexane	ND		ug/m³	0.36	0.36	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
142-82-5	n-Heptane	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
75-09-2	Methylene chloride	**2.5**		ug/m³	0.35	0.35	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	**4.9**		ug/m³	0.37	0.37	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
67-63-0	Isopropanol	ND		ug/m³	0.25	0.25	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
100-41-4	Ethyl Benzene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
141-78-6	Ethyl acetate	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
110-82-7	Cyclohexane	**0.67**		ug/m³	0.35	0.35	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
156-59-2	cis-1,2-Dichloroethylene	**5.0**		ug/m³	0.40	0.40	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
74-87-3	Chloromethane	**1.7**		ug/m³	0.21	0.21	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
67-66-3	Chloroform	**7.7**		ug/m³	0.50	0.50	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
56-23-5	Carbon tetrachloride	**3.3**		ug/m³	0.32	0.32	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
75-15-0	Carbon disulfide	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB

Sample Information

Client Sample ID: AQ090313:1355NP4-2 **York Sample ID:** 13I0197-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0197	Rowe Industries	Vapor Extraction	September 3, 2013 1:55 pm	09/05/2013

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	0.53	0.53	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
71-43-2	Benzene	**0.68**		ug/m³	0.32	0.32	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
67-64-1	Acetone	**17**		ug/m³	0.24	0.24	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
591-78-6	2-Hexanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
78-93-3	2-Butanone	**2.9**		ug/m³	0.30	0.30	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
106-99-0	1,3-Butadiene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
95-63-6	1,2,4-Trimethylbenzene	**0.75**		ug/m³	0.50	0.50	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
75-35-4	1,1-Dichloroethylene	**1.3**		ug/m³	0.40	0.40	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
75-34-3	1,1-Dichloroethane	**10**		ug/m³	0.41	0.41	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
75-69-4	Trichlorofluoromethane (Freon 11)	**5.4**		ug/m³	0.57	0.57	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	**4.4**		ug/m³	0.78	0.78	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
71-55-6	1,1,1-Trichloroethane	**41**		ug/m³	0.55	0.55	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
75-71-8	Dichlorodifluoromethane	**3.7**		ug/m³	0.50	0.50	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:05	RB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.9 %*	*70-130*

Sample Information

Client Sample ID: AQ090313:1400NP4-3 **York Sample ID:** 13I0197-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0197	Rowe Industries	Vapor Extraction	September 3, 2013 2:00 pm	09/05/2013

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	0.26	0.26	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
79-01-6	Trichloroethylene	**1.1**		ug/m³	0.27	0.27	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
108-88-3	Toluene	**0.61**		ug/m³	0.38	0.38	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
109-99-9	Tetrahydrofuran	**0.69**		ug/m³	0.30	0.30	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
127-18-4	Tetrachloroethylene	**1.5**		ug/m³	0.69	0.69	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
115-07-01	Propylene	ND		ug/m³	0.18	0.18	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	2.5	2.5	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.88	0.88	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
95-47-6	o-Xylene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
110-54-3	n-Hexane	**1.1**		ug/m³	0.36	0.36	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
142-82-5	n-Heptane	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
75-09-2	Methylene chloride	**3.4**		ug/m³	0.35	0.35	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	**1.5**		ug/m³	0.37	0.37	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
67-63-0	Isopropanol	ND		ug/m³	0.25	0.25	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
100-41-4	Ethyl Benzene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
141-78-6	Ethyl acetate	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
110-82-7	Cyclohexane	ND		ug/m³	0.35	0.35	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
156-59-2	cis-1,2-Dichloroethylene	**4.6**		ug/m³	0.40	0.40	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
74-87-3	Chloromethane	**1.8**		ug/m³	0.21	0.21	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
67-66-3	Chloroform	**9.4**		ug/m³	0.50	0.50	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
56-23-5	Carbon tetrachloride	**2.2**		ug/m³	0.32	0.32	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
75-15-0	Carbon disulfide	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB

Sample Information

Client Sample ID: AQ090313:1400NP4-3 **York Sample ID:** 13I0197-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13I0197	Rowe Industries	Vapor Extraction	September 3, 2013 2:00 pm	09/05/2013

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	0.53	0.53	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
71-43-2	Benzene	**0.52**		ug/m³	0.32	0.32	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
67-64-1	Acetone	**3.4**		ug/m³	0.24	0.24	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
591-78-6	2-Hexanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
78-93-3	2-Butanone	**0.78**		ug/m³	0.30	0.30	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
106-99-0	1,3-Butadiene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
76-14-2	1,2-Dichlorotetrafluoroethane	**0.92**		ug/m³	0.71	0.71	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
75-35-4	1,1-Dichloroethylene	**1.3**		ug/m³	0.40	0.40	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
75-34-3	1,1-Dichloroethane	**10**		ug/m³	0.41	0.41	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
75-69-4	Trichlorofluoromethane (Freon 11)	**8.3**		ug/m³	0.57	0.57	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	**6.7**		ug/m³	0.78	0.78	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
71-55-6	1,1,1-Trichloroethane	**44**		ug/m³	0.55	0.55	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
75-71-8	Dichlorodifluoromethane	**9.2**		ug/m³	0.50	0.50	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	09/05/2013 11:16	09/06/2013 18:49	RB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.2 %*	*70-130*

Analytical Batch Summary

Batch ID: BI30168 **Preparation Method:** EPA TO15 PREP **Prepared By:** RQB

YORK Sample ID	Client Sample ID	Preparation Date
13I0197-01	AQ090313:1350NP4-1	09/05/13
13I0197-02	AQ090313:1355NP4-2	09/05/13
13I0197-03	AQ090313:1400NP4-3	09/05/13
BI30168-BLK1	Blank	09/05/13
BI30168-BS1	LCS	09/05/13

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 BI30168 - EPA TO15 PREP											
Blank (BI30168-BLK1)											
Prepared & Analyzed: 09/05/2013											
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	ND	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 BI30168 - EPA TO15 PREP											
Blank (BI30168-BLK1)							Prepared & Analyzed: 09/05/2013				
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	*7.72*		*ppbv*	*10.0*		*77.2*	*70-130*				
LCS (BI30168-BS1)							Prepared & Analyzed: 09/05/2013				
Vinyl Chloride	11.2		ppbv	10.5		107	70-130				
Vinyl acetate	11.9		"	10.4		114	58.1-135				
Trichloroethylene	11.2		"	10.6		105	70-130				
trans-1,3-Dichloropropylene	12.2		"	11.5		106	62-135				
trans-1,2-Dichloroethylene	11.0		"	10.3		107	58.3-130				
Toluene	11.3		"	11.0		103	64.9-126				
Tetrahydrofuran	12.1		"	10.8		112	44.6-146				
Tetrachloroethylene	11.6		"	10.8		107	70-130				
Styrene	12.4		"	10.9		114	66.4-132				
Propylene	12.6		"	11.5		109	62.4-150				
p-Ethyltoluene	12.6		"	10.4		121	73.8-146				
p- & m- Xylenes	23.5		"	21.8		108	56.6-136				
o-Xylene	12.0		"	11.0		109	67.8-133				
n-Hexane	11.5		"	10.9		105	59.7-130				
n-Heptane	11.4		"	10.9		105	62.3-134				
Methylene chloride	9.92		"	9.70		102	62.6-130				
Methyl tert-butyl ether (MTBE)	12.2		"	10.3		119	60.7-139				
4-Methyl-2-pentanone	11.1		"	10.6		105	64.5-158				
Isopropanol	14.0		"	10.9		129	60-150				
Hexachlorobutadiene	11.8		"	10.2		115	61.2-150				
Ethyl Benzene	11.6		"	11.0		106	68.4-125				
Ethyl acetate	12.8		"	11.0		116	40.6-150				
Cyclohexane	11.5		"	10.8		107	60.4-127				
cis-1,3-Dichloropropylene	11.3		"	10.9		104	65.5-129				
cis-1,2-Dichloroethylene	11.2		"	10.8		103	51.3-118				
Chloromethane	10.2		"	10.3		98.8	64.9-130				
Chloroform	11.8		"	11.0		107	65.1-130				
Chloroethane	11.1		"	10.3		107	52.1-131				
Carbon tetrachloride	11.3		"	10.5		108	70-130				
Carbon disulfide	11.1		"	10.5		105	61.8-111				
Bromomethane	11.1		"	10.5		106	60.1-140				
Bromoform	11.8		"	10.9		108	58.7-150				
Bromodichloromethane	11.0		"	10.6		103	65.3-127				
Benzyl chloride	12.3		"	10.8		114	62.5-150				
Benzene	11.4		"	10.8		106	69.5-130				
Acetone	12.2		"	11.0		111	55.3-133				
2-Hexanone	9.97		"	10.9		91.5	52-150				
2-Butanone	12.5		"	10.9		115	28.5-154				
1,4-Dioxane	13.0		"	10.6		123	50-150				

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30168 - EPA TO15 PREP											
LCS (BI30168-BS1)								Prepared & Analyzed: 09/05/2013			
1,4-Dichlorobenzene	12.3		ppbv	10.9		113	62.5-139				
1,3-Dichlorobenzene	12.4		"	10.8		115	71.9-153				
1,3-Butadiene	12.0		"	10.9		110	66.7-127				
1,3,5-Trimethylbenzene	13.0		"	11.0		118	65-152				
1,2-Dichlorotetrafluoroethane	11.4		"	10.5		108	63.3-129				
1,2-Dichloropropane	10.9		"	11.0		99.0	21.3-152				
1,2-Dichloroethane	11.4		"	10.7		107	51.2-124				
1,2-Dichlorobenzene	12.0		"	10.7		112	63.7-148				
1,2,4-Trimethylbenzene	13.4		"	11.0		122	67.9-152				
1,2,4-Trichlorobenzene	8.70		"	10.0		87.0	58-147				
1,1-Dichloroethylene	10.2		"	9.60		106	58.1-130				
1,1-Dichloroethane	10.8		"	10.3		104	63.3-130				
Trichlorofluoromethane (Freon 11)	11.5		"	11.0		104	56-132				
1,1,2-Trichloroethane	11.4		"	11.0		104	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.93		"	9.20		108	60.2-125				
1,1,2,2-Tetrachloroethane	11.8		"	11.0		107	63.7-132				
1,1,1-Trichloroethane	11.3		"	10.5		108	58.2-126				
Dichlorodifluoromethane	10.9		"	10.2		107	62.8-133				
1,2-Dibromoethane	11.9		"	11.0		108	70-130				
Dibromochloromethane	11.4		"	10.7		107	70-130				
Methyl Methacrylate	10.8		"	10.7		101	70-130				
Chlorobenzene	11.3		"	11.0		103	67.6-122				
Surrogate: p-Bromofluorobenzene	*9.99*		*"*	*10.0*		*99.9*	*70-130*				

Notes and Definitions

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.

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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. 13I0197

YOUR Information	**Report To:**	**Invoice To:**	**YOUR Project ID**	**Turn-Around Time**	**Report Type/Deliverables**
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 ☐	NY ASP A Package ☐
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT ☐ NY X NJ ☐	RUSH - Four Day ☐	NY ASP B/CLP Pkg X, pdf
				Standard(5-7 Days) ☒	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 HNAT
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 Afer Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
AQ090313-1350NP4-1	9/3/13 1350	AE			EPA TO-15 List.	6 Liter Summa canister / Tedlar Bag
AQ090313-1355NP4-2	1355	AE				6 Liter Summa canister / Tedlar Bag
AQ090313-1400NP4-3	1400	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

LBG Farmington by M Sousa — 09/05/2013 1213
Samples Relinquished By — Date/Time

Samples Relinquished By — Date/Time

TC Hahl — 9/05/13 1713
Samples Received By — Date/Time

Grace 9-5-13 1520
Samples Received in LAB by — Date/Time