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PROJECT STATUS MEMORANDUM NO. 01-14

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

DATE: April 29, 2014

PROJECT: Rowe Industries Superfund Site
Groundwater Recovery and Treatment System
January 2014 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 January 1, 2014 through January 31, 2014. 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

(January 1, 2014 through January 31, 2014)

1. Hours of operation during the reporting period:	550 hours (73.9%)
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:	1,1191,857gal.*
5. Was the system effluent flow below the SPDES limit of 1,023,000 gpd:	yes, (see Graph 1)
6. Mass of VOCs recovered during the reporting period:	0.25 pounds*
7. Cumulative mass of VOCs recovered since startup on 12/17/02: (calculations can be provided upon request)	226.7 pounds
8. Effluent VOC vapor concentration for the reporting period:	0.02 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 (0.00016 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	882,581	27	13	1.2	0.01
RW-4 [2/]	17,829	22	10	2.0	off
RW-6 [2/]	11,381	15	15	1.9	off
RW-7 [2/]	46,213	60	60	1.1	off

[1/] Lowest measured flows are based on the lowest average 24-hour pumping rates for each well recorded to date.
[2/] Recovery wells RW-4, 6 and 7 were shut down at 11:20 AM on January 1, 2014 with EPA and NYSDEC approval. The "Volume pumped" shown for these wells was generated prior to shut down on January 1 and during brief periods when the wells were restarted for sampling and maintenance purposes.

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

Routine operation and maintenance activities are summarized on Table 1. On January 16, 2014, the programmable logic controller (PLC) in the FSP&T system was re-programmed so that the air stripper and booster blowers would operate only when water is being pumped through the air stripper tower. The program modification included the addition of a 20-second delay between the startup of the blowers and transfer pumps TP1A/1B to allow air flow in the air stripper tower to equilibrate prior to water being pumped into the airstipper.

Evaluation of Groundwater Quality

During January 2014, the VOCs of concern for the site were below applicable or relevant and appropriate requirements (ARARs) in the groundwater samples collected from recovery wells RW-2, 4, 6 and 7. Low concentrations of VOCs continue to be detected in the groundwater samples from the aforementioned wells. Laboratory analytical reports are included in Appendix II.

RW-2 will continue to operate as a protective measure; being located closest and directly downgradient from the FDSA. Groundwater samples will be collected monthly from RW-2 while it continues to operate. The water quality at the non-operating wells (RW-1, RW-3, RW-4,

RW-5, RW-6, RW-7, RW-8 and RW-9) will be monitored according to the approved 2013 Limited Recovery Well Shutdown Plan. Specifically in the short-term, RW-4, RW-6 and RW-7 will be monitored monthly through June 2014 and RW-1, RW-3, RW-5, RW-8 and RW-9 will be monitored semi-annually during 2014.

FOCUS PUMP AND TREAT SYSTEM STATUS SUMMARY

On January 16, 2014, the PLC program was modified for the FP&T system to reduce excessive pump cycling observed at FRW-1 and to a lesser extent at FRW-2 and FRW-3. The increased pump cycling is caused by the reduced specific capacity of the wells.

LBG monitors the FP&T system for indications of any fouling that had been problematic with the FP&T system. During this reporting period, iron bacterium accumulation was observed in the FRW-1, 2, 3 and FP&T effluent flow meters. The FRW-1, 2 and 3 flow meters were cleaned twice; and the effluent flow meter was cleaned once during the month of January.

The following table summarizes the parameters for the FRWs from December 23, 2013 through January 28, 2014

Well	Volume Pumped (gal)	Total VOC Concentration (µg/L)	VOC Recovery (lbs)
FRW-1	23,475	85.4	0.017
FRW-2	5,583	52.7	0.002
FRW-3	11,191	51.0	0.005
FRW-4	200,928	16.4	0.029
Total	283,964 [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 January. The groundwater quality results for the FRWs are summarized in Tables 5 through 8 and Graphs 4 through 7. The laboratory results for the FRWs are included in Appendix II. The COC concentrations remained consistent during the month of January compared to recent historical trends. 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

As part of the 2013 recovery well shutdown request, LBG requested and received EPA and New York State Department of Environmental Conservation (NYSDEC) approval to change the frequency of FSP&T system sampling from once per week to once every two weeks. The NYSDEC discharge permit was modified to reflect this change. The new FSP&T system sampling frequency was implemented in January 2014. If an effluent sample exceeds ARARs, then the applicable procedures described in the 2013 Limited Recovery Well Shutdown Plan will be implemented.

Future O&M activities scheduled for 2014 include:

- normal bi-weekly/monthly O&M activities.

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\2014\Monthly Rpts\January\Status0114Jan.docx

TABLES

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

MAINTENANCE LOG
(January 1, 2014 through January 31, 2014)

Date	Time	System Changes/Modifications	Personnel
1/1/2014		Changed the multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.	SH
	11:20 AM	Shut down RW-4, 6 and 7 with EPA and NYDEC approval.	SH
		Observed that the integral adapter on the FRW-4 flow meter housing was cracked. Sealed crack with tape as a temporary fix.	SH
1/6/2014	11:29 AM	FSP&T and FP&T systems shut down due to a power failure alarm.	
1/13/2014		Inspected FSP&T system, acknowledged alarms, left treatment system off until the O&M visit scheduled for tomorrow.	JF
1/14/2014	9:55 AM	Reset alarms and restarted the FSP&T system with RW-2 operating.	SH
		Reset all recovery well flow totalizers.	SH
		Cleaned FRW-1, 2 and 3 flow meter paddle wheels. Glued the crack on the integral adapter on FRW-4 and this fixed it.	SH
	10:05 AM	Restarted the FRW-1, 2, 3 and 4.	SH
1/16/2014	11:18 AM	Shut down the FSP&T system to re-program the PLC to have the air stripper and booster blowers operate only when water is being pumped through the air stripper. A 20-second delay was added between the start of the blowers and the start of transfer pumps TP1A/1B to allow air flow in the air stripper tower to equilibrate. EQ tank pump-on and lag pump-on setpoints were changed from 70 to 80 inches and 80 to 90 inches, respectively.	KH/MG/SH
	12:25 AM	Restart the FSP&T system to test the programing.	KH/MG/SH
	1:18 PM	Shut down the FSP&T system to troubleshoot the Booster Blower Pressure sensor. Troubleshooting indicated a bad input channel on the PLC. The booster blower pressure sensor was re-wired to a spare PLC input channel and the PLC program was adjusted accordingly. The booster blower pressure sensor was calibrated; the low and high pressure alarm setpoints for the booster blower pressure sensor were set to 12 and 25 inches of water column, respectively.	KH/MG/SH
	1:50 PM	Restart the FSP&T system following booster blower repairs.	KH/MG/SH
		A leak in a coupling for the potable water system was observed. LBG alerted G.F. Schiavoni of the leak and they shut the potable water off at the street. Failed heat tape was the cause of the leak. A replacement coupling and heat tape were ordered. The potable water will remain off until the heat tape and the coupling are replaced.	Schiavoni/MG/SH
1/20/2014		Checked the FSP&T and FP&T system, both operating normally.	JF
1/22/2014	6:15 AM	Checked the FSP&T and FP&T system, both operating normally.	JF
1/28/2014	9:45 AM	FSP&T and FP&T systems shut down due to a power failure alarm.	JF
		Cleaned the FRW-1, 2, 3 and effluent flow meter paddle wheels.	SH
	11:15 AM	Restarted the FSP&T and FP&T system.	SH

Notes:

JF	Jamie Forrester
MG	Mark Goldberg
KH	Kris Hamilton, Burt Process Equipment
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**	**---**	**---**
1-Jan-14	7.2	126	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	31.0	0.096
14-Jan-14	7.1	86	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	11.9	0.086
28-Jan-14	7.2	45	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	10.4	0.108

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
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
AQ101713:1530NP4-1	10/17/2013	15:13	0.0110	0.0006	0.0006	ND	ND	ND	ND	0.0060	0.0038	0.0014	ND	0.0022	0.0011	0.0010	0.06
AQ111813:1100NP4-1	11/18/2013	11:00	0.0020	ND	ND	ND	ND	0.0007	ND	0.0008	ND	ND	ND	0.0014B	ND	ND	0.04
AQ120913:1000NP4-1	12/9/2013	10:00	ND	ND	ND	ND	ND	ND	ND	0.0022	0.0011	ND	ND	0.0013 B	ND	ND	0.01
AQ011414:1130NP4-1	1/14/2014	11:30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01

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
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-13	--	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
AQ101713:1535NP4-2	10/17/2013	15:35	0.0120	0.0016	0.0330	0.0011	0.0070	0.0050	ND	0.0420	0.0260	0.0094	0.0062	0.0077	0.0078	0.0035	0.30
AQ111813:1105NP4-2	11/18/2013	11:05	0.0065	0.0013	0.0086	ND	0.0024	0.0035	ND	ND	ND	ND	0.0026	0.0036B	ND	0.0021	0.04
AQ120913:1005NP4-2	12/9/2013	10:05	0.0077	0.0004	0.0061	ND	ND	0.0017	ND	ND	ND	ND	0.0015	0.0007 B	ND	ND	0.04
AQ011414:1135NP4-2	1/14/2014	11:40	0.0380	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.05

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
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
AQ101713:1540NP4-3	10/17/2013	15:40	ND	ND	0.0200	0.0007	0.0053	0.0021	ND	ND	ND	ND	0.0042	0.0013	ND	0.0024	0.05
AQ111813:1110NP4-3	11/18/2013	11:10	0.0061	ND	0.0130	0.0038	ND	0.0020	ND	0.0012	0.0034	0.0014	0.0032	0.0043 B	0.0009	ND	0.10
AQ120913:1010NP4-3	12/9/2013	10:10	ND	ND	0.0050	ND	0.0011	0.0006	ND	ND	ND	ND	0.0011	0.0057B	ND	ND	0.01
AQ011414:1140NP4-3	1/14/2014	11:40	ND	ND	0.0110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02

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	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
	24-Oct-13	3.2	1.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.9	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	26-Nov-13	1.4	0.79	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.8	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	16-Dec-13	1.3	0.72	0.45 J	ND<0.5	ND<0.5	ND<0.5	1.6	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	28-Jan-14	1.2	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	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 [2/]	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
	16-Dec-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	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 [3/]	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	1.4	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
	24-Oct-13	1.0	ND<0.5	0.22 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
	26-Nov-13	0.88	ND<0.5	0.60	ND<0.5	ND<0.5	0.22 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	16-Dec-13	0.78	ND<0.5	1.3	0.27 J	ND<0.5	0.40 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-4 was shut down on Jan 1, 2014 with EPA approval.													
	28-Jan-14	2.0	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-5 [2/]	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
	16-Dec-13	ND<0.5	ND<0.5	ND<0.5	0.93	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	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
	24-Oct-13	1.8	ND<0.5	0.72	0.20 J	ND<0.5	0.44 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	26-Nov-13	1.6	ND<0.5	0.78	0.27 J	ND<0.5	0.59	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	16-Dec-13	1.6	ND<0.5	0.93	0.36 J	ND<0.5	0.70	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-6 was shut down on Jan 1, 2014 with EPA approval.													
	28-Jan-14	1.9	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-7	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
	24-Oct-13	1.0	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
	26-Nov-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
	16-Dec-13	0.76	ND<0.5	ND<0.5	0.23 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
	RW-7 was shut down on Jan 1, 2014 with EPA approval.													
	28-Jan-14	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 [2/]	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
	16-Dec-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 [2/]	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
	17-Dec-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/] Starting in June 2012 groundwater samples from these recovery wells are collected via low-flow methods.
[3/] 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**
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
The FRWs were restarted on September 24, 2013																			
24-Oct-13	**56**	2.1	**10**	ND<0.5	ND<0.5	0.37 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	ND<0.5	ND<0.5	ND<2
26-Nov-13	**63**	4.4	**11**	ND<0.5	ND<0.5	1.3	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
16-Dec-13	**48**	**5.8**	**6.3**	ND<0.5	ND<0.5	0.81	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	2.0
28-Jan-14	**78**	1.8	4.6	ND<0.5	ND<0.5	1.00	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2

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

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

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

TABLE 6

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

Recovery Well FRW-2 VOC Concentrations, micrograms per liter

FRW-2														
Date	**PCE**	**TCE**	**cis12DCE**	**T12DCE**	**VC**	**TCA**	**11DCA**	**Toluene**	**Napthalene**	**Chloroform**	**EB**	**Benzene**	**MC**	**Acetone**
ARARs	**5**	**5**	**5**	**5**	**1** [1/]	**5**	**5**	**5**	**NE**	**7**	**5**	**1** [1/]	**5**	**NE**
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
The FRWs were restarted on September 24, 2013														
24-Oct-13	**35**	**5.4**	**7.0**	ND<0.5	**2.7**	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<2
26-Nov-13	**39**	**6.0**	**16**	ND<0.5	0.62	0.20 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<2
16-Dec-13	**24**	3.2	4.7	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
28-Jan-14	**46**	3.1	3.6	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

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

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

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**
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
The FRWs were restarted on September 24, 2013																					
24-Oct-13	**18**	1.9	**13**	0.8	ND<0.5	ND<0.5	ND<0.5	1.1	1.1	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
26-Nov-13	**23**	3.6	**10**	**1.1**	ND<0.5	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<2	ND<0.5	ND<0.5	ND<0.5	ND<2	0.22 J	ND<0.5	ND<2
16-Dec-13	**13**	1.0	**8.1**	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	ND<2	0.24 J	ND<0.5	ND<2
28-Jan-14	**31**	4.7	**14**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.3	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	ND<2

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

J : Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Method
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**
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**	0.76	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
The FRWs were restarted on September 24, 2013											
24-Oct-13	**10**	2.1	**5.7**	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	ND<2
26-Nov-13	4.1	1.6	**7.5**	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	ND<2
16-Dec-13	4.9	0.78	**6.4**	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	ND<2
28-Jan-14	**8.9**	1.1	**6.4**	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	ND<2

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

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

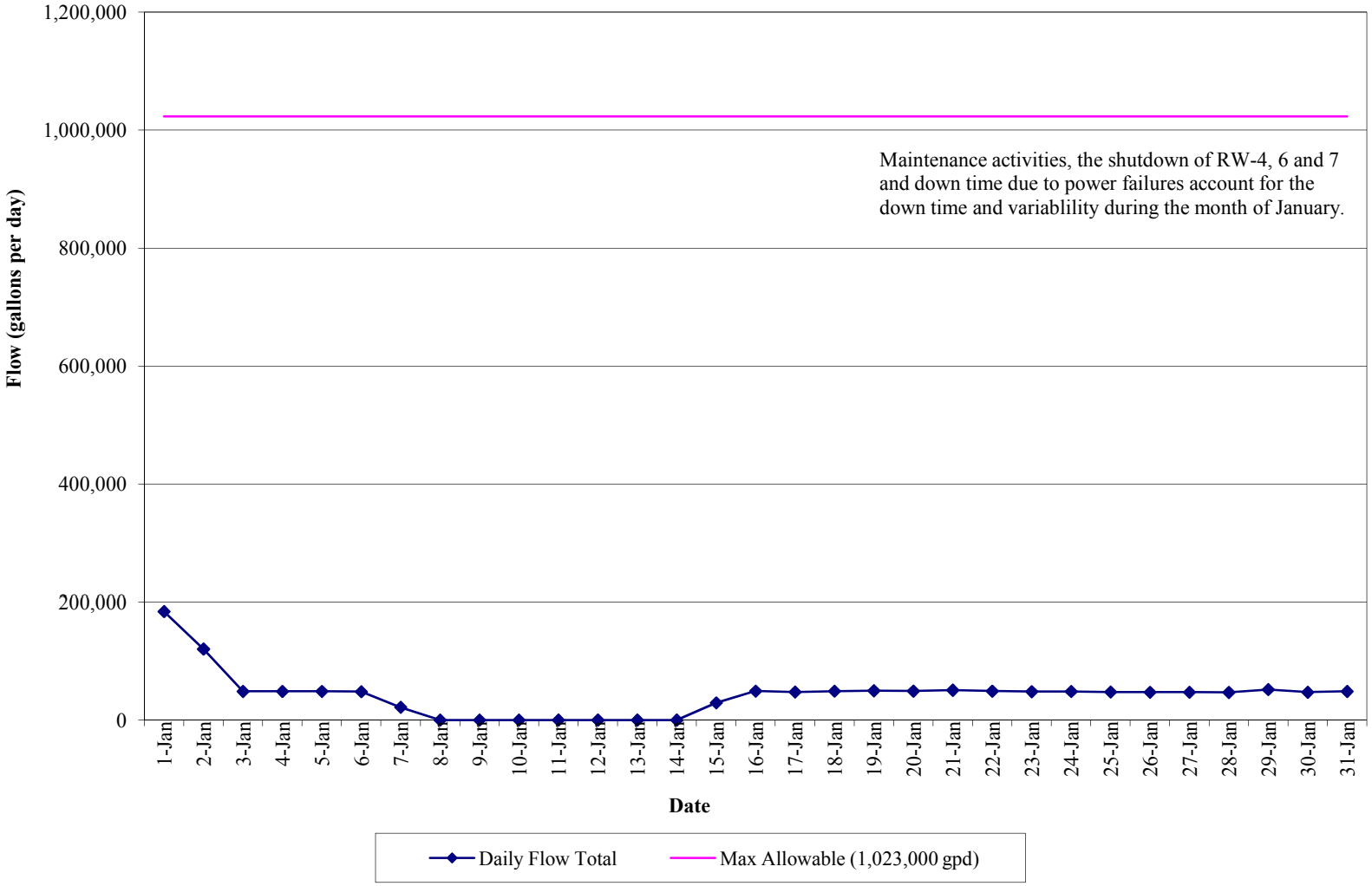
PCE: Tetrachloroethylene
IPB: Isopropylbenzene
VMC: Metylene Chloride
TCE: Trichloroethene
NPB: n-Propylbenzene
TCA: 1,1,1-Trichloroethane
cis12DCE: cis-1,2-Dichloroethene
NBB: n-Butylbenzene
C: Vinyl Chloride

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

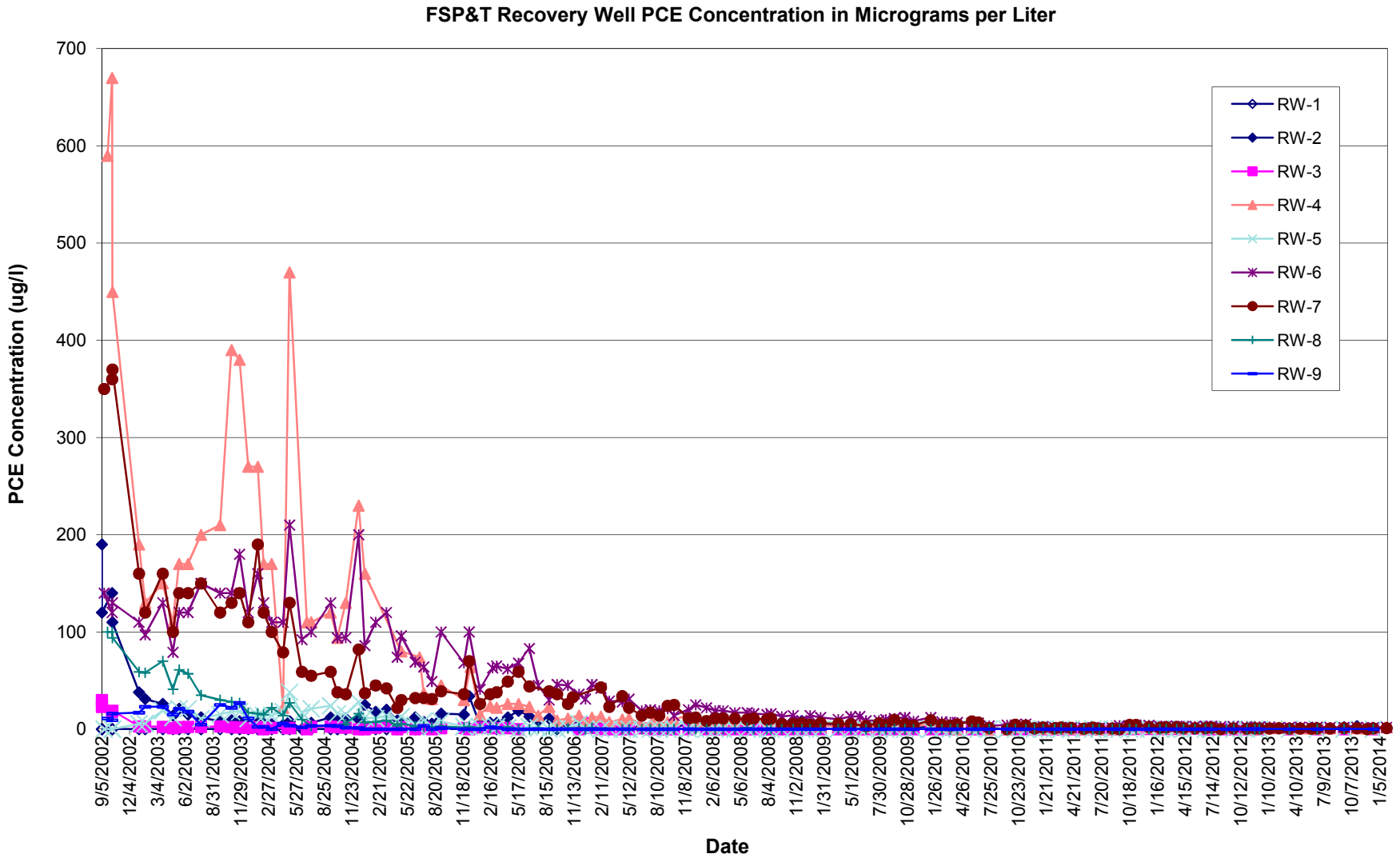
GRAPH 1
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Effluent Flow Data
(January 1, 2014 to January 31, 2014)



GRAPH 2

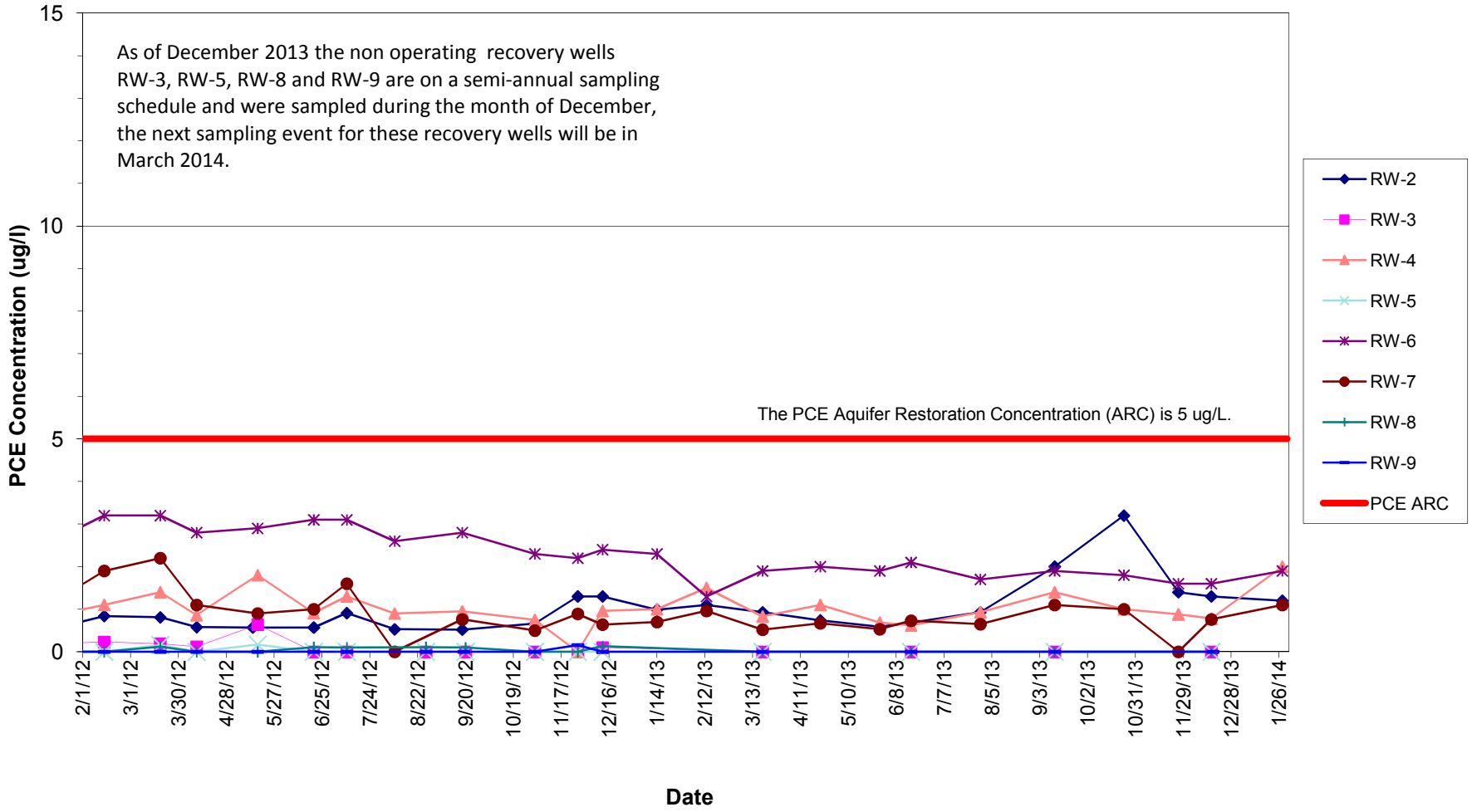
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK



GRAPH 3

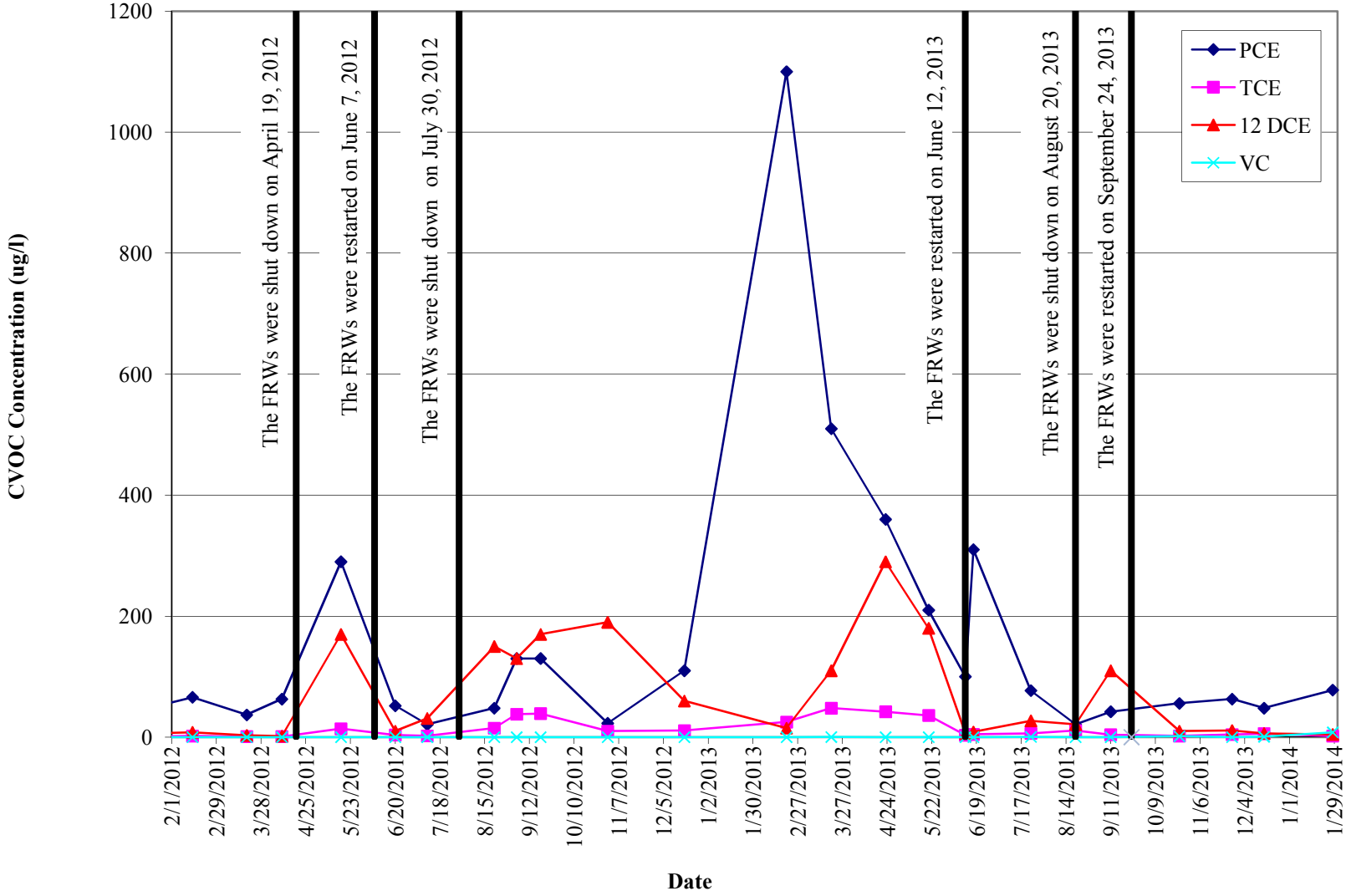
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FSP&T Recovery Well PCE Concentration



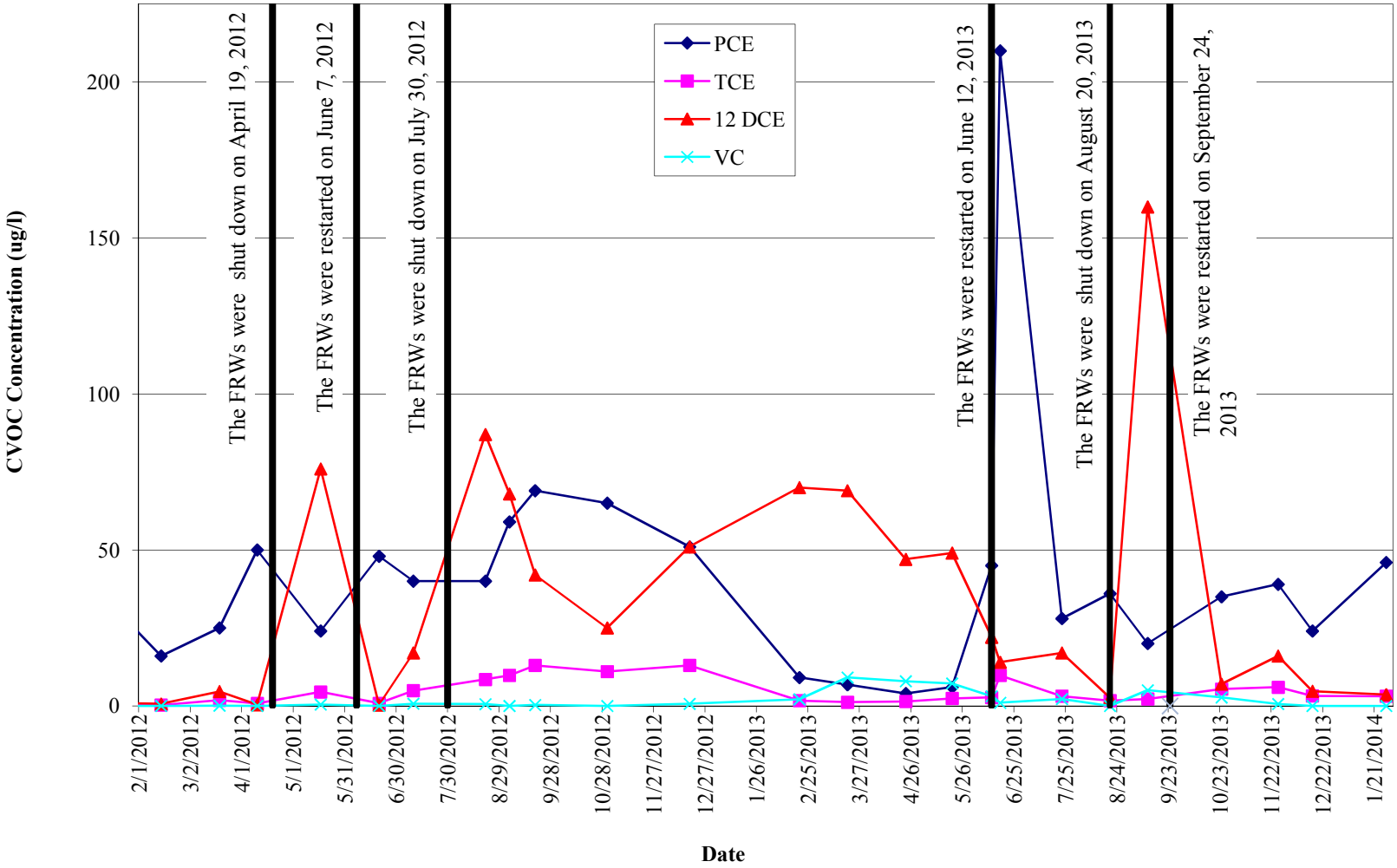
GRAPH 4
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-1



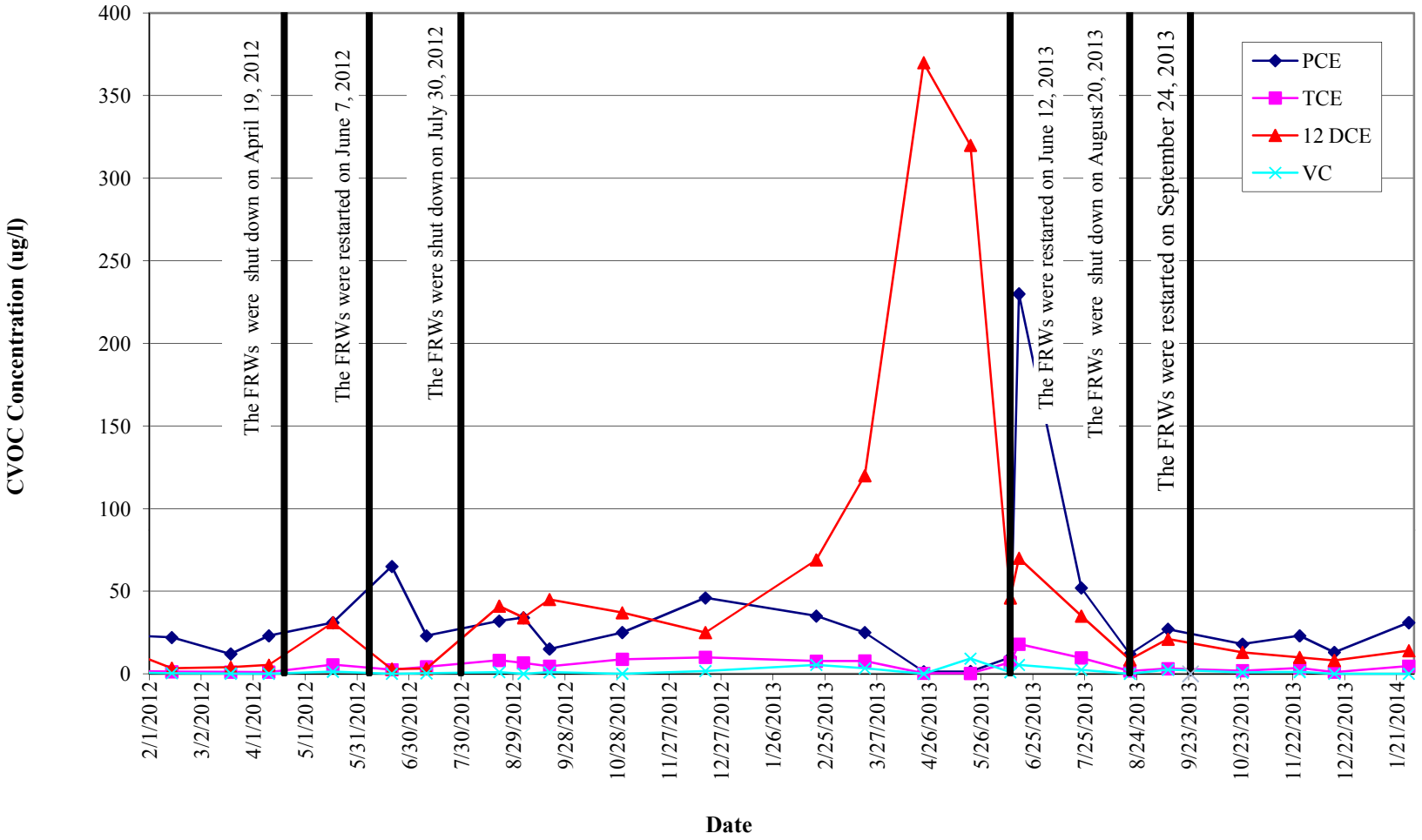
GRAPH 5
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-2



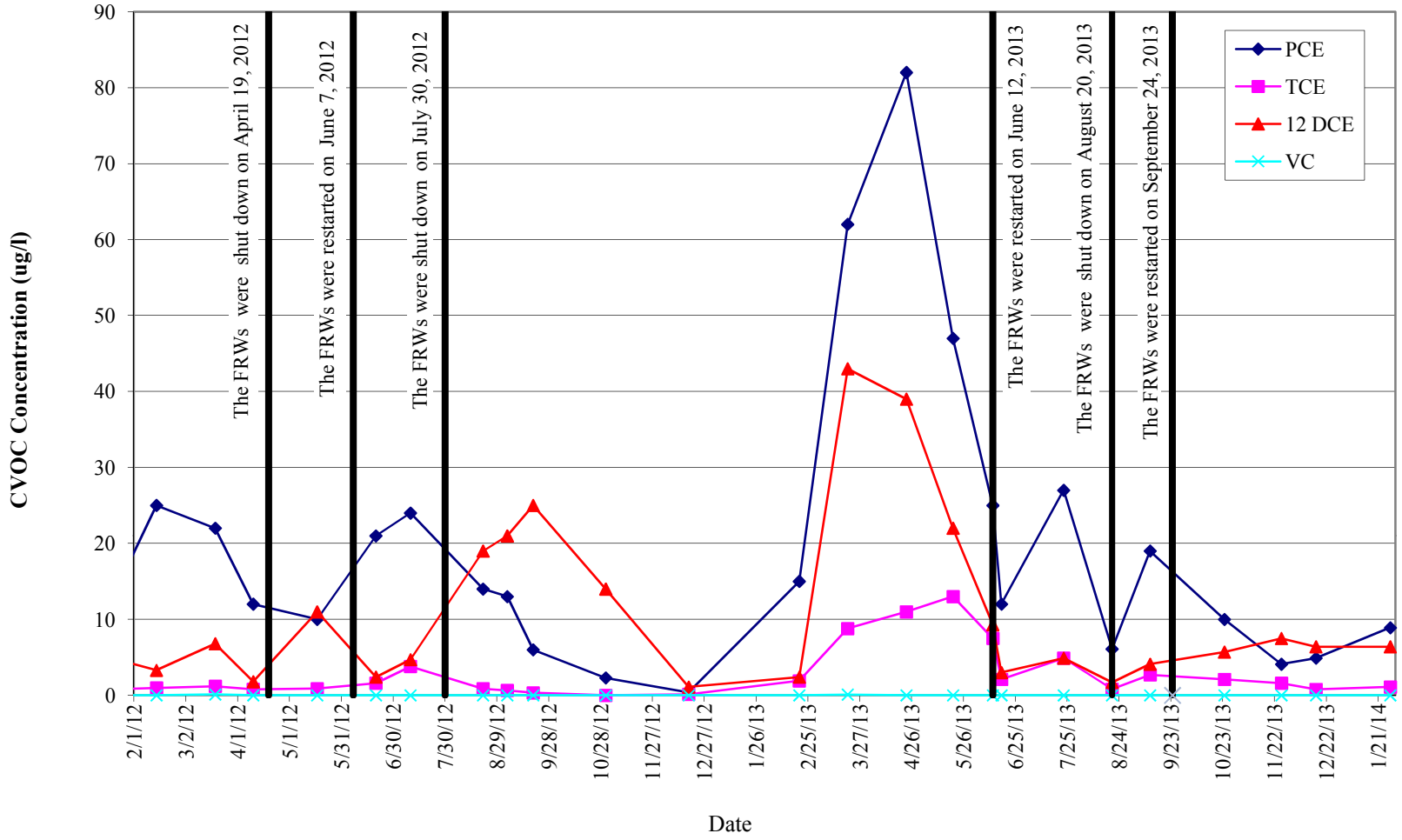
GRAPH 6
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-3



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

FP&T Recovery Well VOC Concentrations for FRW-4



APPENDIX I
JANUARY 2014 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: 01/10/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14A0046

Report Date: 01/10/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14A0046

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 January 06, 2014 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
14A0046-01	WQ010114:1210NP2-10	Water	01/01/2014	01/06/2014

General Notes for York Project (SDG) No.: 14A0046

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: 01/10/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **WQ010114:1210NP2-10** **York Sample ID:** **14A0046-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0046	Rowe Industries	Water	January 1, 2014 12:10 pm	01/06/2014

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	01/07/2014 09:42	01/07/2014 12:04	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11:	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK

Sample Information

Client Sample ID: WQ010114:1210NP2-10 **York Sample ID:** 14A0046-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0046	Rowe Industries	Water	January 1, 2014 12:10 pm	01/06/2014

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
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK

Sample Information

Client Sample ID: WQ010114:1210NP2-10 **York Sample ID:** 14A0046-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0046	Rowe Industries	Water	January 1, 2014 12:10 pm	01/06/2014

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	01/07/2014 09:42	01/07/2014 12:04	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*90.7 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*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	**31.0**		mg/L	0.0146	0.0200	1	EPA 200.7	01/08/2014 13:13	01/08/2014 16:14	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	**0.0956**		mg/L	0.0200	0.0200	1	EPA 6010C	01/08/2014 13:10	01/08/2014 15:34	MW

Total Dissolved Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**126**		mg/L	1.00	1.00	1	SM 2540C	01/08/2014 16:06	01/08/2014 16:06	MF

Analytical Batch Summary

Batch ID: BA40146 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14A0046-01	WQ010114:1210NP2-10	01/07/14
BA40146-BLK1	Blank	01/07/14
BA40146-BS1	LCS	01/07/14
BA40146-BSD1	LCS Dup	01/07/14

Batch ID: BA40204 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14A0046-01	WQ010114:1210NP2-10	01/08/14
BA40204-BLK1	Blank	01/08/14
BA40204-DUP1	Duplicate	01/08/14
BA40204-MS1	Matrix Spike	01/08/14
BA40204-SRM1	Reference	01/08/14

Batch ID: BA40205 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14A0046-01	WQ010114:1210NP2-10	01/08/14
BA40205-BLK1	Blank	01/08/14
BA40205-DUP1	Duplicate	01/08/14
BA40205-MS1	Matrix Spike	01/08/14
BA40205-SRM1	Reference	01/08/14

Batch ID: BA40219 **Preparation Method:** % Solids Prep **Prepared By:** MF

YORK Sample ID	Client Sample ID	Preparation Date
14A0046-01	WQ010114:1210NP2-10	01/08/14
BA40219-BLK1	Blank	01/08/14

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40146 - EPA 5030B											
Blank (BA40146-BLK1)											Prepared & Analyzed: 01/07/2014
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	1.4	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
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 BA40146 - EPA 5030B											
Blank (BA40146-BLK1)								Prepared & Analyzed: 01/07/2014			
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	*10.0*		*"*	*10.0*		*100*	*65-133*				
Surrogate: Toluene-d8	*9.99*		*"*	*10.0*		*99.9*	*80-123*				
LCS (BA40146-BS1)								Prepared & Analyzed: 01/07/2014			
1,1,1,2-Tetrachloroethane	9.69		ug/L	10.0		96.9	84-127				
1,1,1-Trichloroethane	10.6		"	10.0		106	80-131				
1,1,2,2-Tetrachloroethane	7.80		"	10.0		78.0	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	70-133				
1,1,2-Trichloroethane	8.26		"	10.0		82.6	73-124				
1,1-Dichloroethane	9.97		"	10.0		99.7	79-123				
1,1-Dichloroethylene	10.4		"	10.0		104	71-123				
1,1-Dichloropropylene	10.5		"	10.0		105	73-117				
1,2,3-Trichlorobenzene	8.59		"	10.0		85.9	78-117				
1,2,3-Trichloropropane	8.10		"	10.0		81.0	68-119				
1,2,4-Trichlorobenzene	9.52		"	10.0		95.2	78-117				
1,2,4-Trimethylbenzene	12.4		"	10.0		124	68-134				
1,2-Dibromo-3-chloropropane	7.39		"	10.0		73.9	73-129				
1,2-Dibromoethane	8.08		"	10.0		80.8	73-139				
1,2-Dichlorobenzene	10.2		"	10.0		102	83-110				
1,2-Dichloroethane	8.15		"	10.0		81.5	81-120				
1,2-Dichloropropane	9.77		"	10.0		97.7	76-120				
1,3,5-Trimethylbenzene	12.8		"	10.0		128	74-121	High Bias			
1,3-Dichlorobenzene	10.9		"	10.0		109	82-112				
1,3-Dichloropropane	8.46		"	10.0		84.6	77-122				
1,4-Dichlorobenzene	10.6		"	10.0		106	83-110				
2,2-Dichloropropane	11.4		"	10.0		114	50-163				
2-Chlorotoluene	11.5		"	10.0		115	74-115				
2-Hexanone	5.94		"	10.0		59.4	65-130	Low Bias			
4-Chlorotoluene	11.1		"	10.0		111	77-119				
Acetone	4.87		"	10.0		48.7	54-129	Low Bias			
Benzene	9.96		"	10.0		99.6	77-122				
Bromobenzene	10.4		"	10.0		104	76-114				
Bromochloromethane	9.96		"	10.0		99.6	73-125				
Bromodichloromethane	9.61		"	10.0		96.1	83-120				
Bromoform	8.66		"	10.0		86.6	72-139				
Bromomethane	11.2		"	10.0		112	52-128				
Carbon tetrachloride	10.6		"	10.0		106	66-152				
Chlorobenzene	10.2		"	10.0		102	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 BA40146 - EPA 5030B											
LCS (BA40146-BS1)							Prepared & Analyzed: 01/07/2014				
Chloroethane	11.2		ug/L	10.0		112	60-124				
Chloroform	9.82		"	10.0		98.2	82-119				
Chloromethane	10.2		"	10.0		102	42-126				
cis-1,2-Dichloroethylene	10.0		"	10.0		100	79-116				
cis-1,3-Dichloropropylene	9.50		"	10.0		95.0	85-134				
Dibromochloromethane	8.84		"	10.0		88.4	74-151				
Dibromomethane	8.51		"	10.0		85.1	74-128				
Dichlorodifluoromethane	10.6		"	10.0		106	10-146				
Ethyl Benzene	10.9		"	10.0		109	85-125				
Hexachlorobutadiene	11.9		"	10.0		119	69-131				
Isopropylbenzene	12.0		"	10.0		120	71-128				
Methyl tert-butyl ether (MTBE)	7.43		"	10.0		74.3	51-134				
Methylene chloride	8.83		"	10.0		88.3	76-122				
Naphthalene	7.19		"	10.0		71.9	72-127	Low Bias			
n-Butylbenzene	11.7		"	10.0		117	69-127				
n-Propylbenzene	12.0		"	10.0		120	70-129				
o-Xylene	10.7		"	10.0		107	83-117				
p- & m- Xylenes	22.1		"	20.0		110	80-126				
p-Isopropyltoluene	12.2		"	10.0		122	74-130				
sec-Butylbenzene	12.3		"	10.0		123	72-132				
Styrene	10.9		"	10.0		109	62-160				
tert-Butylbenzene	12.1		"	10.0		121	75-129				
Tetrachloroethylene	11.2		"	10.0		112	67-118				
Toluene	10.7		"	10.0		107	82-118				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	76-119				
trans-1,3-Dichloropropylene	8.82		"	10.0		88.2	80-137				
Trichloroethylene	11.0		"	10.0		110	71-122				
Trichlorofluoromethane	10.4		"	10.0		104	67-130				
Vinyl Chloride	10.7		"	10.0		107	49-125				
Surrogate: 1,2-Dichloroethane-d4	*8.54*		*"*	*10.0*		*85.4*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*65-133*				
Surrogate: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*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 BA40146 - EPA 5030B											
LCS Dup (BA40146-BSD1)							Prepared & Analyzed: 01/07/2014				
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	84-127		4.74	30	
1,1,1-Trichloroethane	10.0		"	10.0		100	80-131		5.25	30	
1,1,2,2-Tetrachloroethane	9.72		"	10.0		97.2	76-120		21.9	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.85		"	10.0		98.5	70-133		9.57	30	
1,1,2-Trichloroethane	9.94		"	10.0		99.4	73-124		18.5	30	
1,1-Dichloroethane	9.90		"	10.0		99.0	79-123		0.705	30	
1,1-Dichloroethylene	9.87		"	10.0		98.7	71-123		5.04	30	
1,1-Dichloropropylene	10.0		"	10.0		100	73-117		4.10	30	
1,2,3-Trichlorobenzene	9.48		"	10.0		94.8	78-117		9.85	30	
1,2,3-Trichloropropane	10.0		"	10.0		100	68-119		21.4	30	
1,2,4-Trichlorobenzene	9.67		"	10.0		96.7	78-117		1.56	30	
1,2,4-Trimethylbenzene	11.4		"	10.0		114	68-134		7.99	30	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	73-129		31.6	30	Non-dir.
1,2-Dibromoethane	9.92		"	10.0		99.2	73-139		20.4	30	
1,2-Dichlorobenzene	10.1		"	10.0		101	83-110		0.592	30	
1,2-Dichloroethane	9.60		"	10.0		96.0	81-120		16.3	30	
1,2-Dichloropropane	9.90		"	10.0		99.0	76-120		1.32	30	
1,3,5-Trimethylbenzene	11.0		"	10.0		110	74-121		15.2	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	82-112		6.54	30	
1,3-Dichloropropane	9.84		"	10.0		98.4	77-122		15.1	30	
1,4-Dichlorobenzene	10.2		"	10.0		102	83-110		4.71	30	
2,2-Dichloropropane	10.8		"	10.0		108	50-163		5.57	30	
2-Chlorotoluene	10.2		"	10.0		102	74-115		11.7	30	
2-Hexanone	9.51		"	10.0		95.1	65-130		46.2	30	Non-dir.
4-Chlorotoluene	10.2		"	10.0		102	77-119		8.83	30	
Acetone	7.31		"	10.0		73.1	54-129		40.1	30	Non-dir.
Benzene	9.98		"	10.0		99.8	77-122		0.201	30	
Bromobenzene	10.0		"	10.0		100	76-114		3.91	30	
Bromochloromethane	11.1		"	10.0		111	73-125		11.0	30	
Bromodichloromethane	9.81		"	10.0		98.1	83-120		2.06	30	
Bromoform	10.2		"	10.0		102	72-139		15.8	30	
Bromomethane	10.3		"	10.0		103	52-128		7.91	30	
Carbon tetrachloride	10.1		"	10.0		101	66-152		5.11	30	
Chlorobenzene	9.89		"	10.0		98.9	85-113		2.59	30	
Chloroethane	10.4		"	10.0		104	60-124		7.48	30	
Chloroform	9.98		"	10.0		99.8	82-119		1.62	30	
Chloromethane	9.95		"	10.0		99.5	42-126		2.19	30	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	79-116		2.27	30	
cis-1,3-Dichloropropylene	9.95		"	10.0		99.5	85-134		4.63	30	
Dibromochloromethane	10.0		"	10.0		100	74-151		12.4	30	
Dibromomethane	10.1		"	10.0		101	74-128		16.7	30	
Dichlorodifluoromethane	9.69		"	10.0		96.9	10-146		9.35	30	
Ethyl Benzene	10.2		"	10.0		102	85-125		7.03	30	
Hexachlorobutadiene	9.97		"	10.0		99.7	69-131		17.6	30	
Isopropylbenzene	10.5		"	10.0		105	71-128		13.5	30	
Methyl tert-butyl ether (MTBE)	9.88		"	10.0		98.8	51-134		28.3	30	
Methylene chloride	9.23		"	10.0		92.3	76-122		4.43	30	
Naphthalene	9.47		"	10.0		94.7	72-127		27.4	30	
n-Butylbenzene	9.99		"	10.0		99.9	69-127		15.9	30	
n-Propylbenzene	10.3		"	10.0		103	70-129		15.5	30	
o-Xylene	10.2		"	10.0		102	83-117		4.61	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 BA40146 - EPA 5030B											
LCS Dup (BA40146-BSD1)								Prepared & Analyzed: 01/07/2014			
p- & m- Xylenes	20.7		ug/L	20.0		103	80-126		6.59	30	
p-Isopropyltoluene	10.5		"	10.0		105	74-130		15.0	30	
sec-Butylbenzene	10.5		"	10.0		105	72-132		15.2	30	
Styrene	11.6		"	10.0		116	62-160		5.42	30	
tert-Butylbenzene	10.5		"	10.0		105	75-129		14.2	30	
Tetrachloroethylene	10.1		"	10.0		101	67-118		10.7	30	
Toluene	10.0		"	10.0		100	82-118		6.08	30	
trans-1,2-Dichloroethylene	10.0		"	10.0		100	76-119		1.98	30	
trans-1,3-Dichloropropylene	9.89		"	10.0		98.9	80-137		11.4	30	
Trichloroethylene	10.2		"	10.0		102	71-122		8.29	30	
Trichlorofluoromethane	9.71		"	10.0		97.1	67-130		7.34	30	
Vinyl Chloride	9.69		"	10.0		96.9	49-125		9.81	30	
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*65-133*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*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 BA40204 - EPA 3010A											
Blank (BA40204-BLK1)								Prepared & Analyzed: 01/08/2014			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BA40204-DUP1)	*Source sample: 14A0046-01 (WQ010114:1210NP2-10)							Prepared & Analyzed: 01/08/2014			
Iron - Dissolved	0.110	0.0200	mg/L		0.0956				14.0	20	
Matrix Spike (BA40204-MS1)	*Source sample: 14A0046-01 (WQ010114:1210NP2-10)							Prepared & Analyzed: 01/08/2014			
Iron - Dissolved	1.10	0.0200	mg/L	1.00	0.0956	100	75-125				
Reference (BA40204-SRM1)								Prepared & Analyzed: 01/08/2014			
Iron - Dissolved	1.40	0.0200	mg/L	1.44		97.3	88.2-113				
Batch BA40205 - EPA 3010A											
Blank (BA40205-BLK1)								Prepared & Analyzed: 01/08/2014			
Iron	ND	0.0200	mg/L								
Duplicate (BA40205-DUP1)	*Source sample: 14A0046-01 (WQ010114:1210NP2-10)							Prepared & Analyzed: 01/08/2014			
Iron	30.5	0.0200	mg/L		31.0				1.69	20	
Matrix Spike (BA40205-MS1)	*Source sample: 14A0046-01 (WQ010114:1210NP2-10)							Prepared & Analyzed: 01/08/2014			
Iron	31.6	0.0200	mg/L	1.00	31.0	60.5	75-125	Low Bias			
Reference (BA40205-SRM1)								Prepared & Analyzed: 01/08/2014			
Iron	1.37	0.0200	mg/L	1.44		95.5	88.2-113				

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 BA40219 - % Solids Prep											
Blank (BA40219-BLK1)											Prepared & Analyzed: 01/08/2014
Total Dissolved Solids	ND	1.00	mg/L								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14A0046-01	WQ010114:1210NP2-10	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-HCSpk	Sample conc. >10 X spike conc.
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. 14A0046

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)

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	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)
WQ010114:1200NP2-6	1/1/14 1200	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus from #3	3v 2P
WQ010114:1205NP2-7	1205	GW		3v 2P
WQ010114:1210NP2-10	1210	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260A) plus from #3 / TOS (SM 2540C)	3v 2S 3P

Comments

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

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

Samples Relinquished By: Date/Time: 1/6/14 10:00
Samples Received By: Date/Time: 1-6-14 1435
Samples Relinquished By: Date/Time:
Samples Received in LAB by: Date/Time:

Temperature on Receipt: 3.3°C

Technical Report

prepared for:

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

Report Date: 01/22/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14A0400

Report Date: 01/22/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14A0400

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 January 16, 2014 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
14A0400-01	WQ011414:1200NP2-6	Water	01/14/2014	01/16/2014
14A0400-02	WQ011414:1205NP2-7	Water	01/14/2014	01/16/2014
14A0402-01	WQ011414:1210NP2-10	Water	01/14/2014	01/16/2014

General Notes for York Project (SDG) No.: 14A0400

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: 01/22/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **WQ011414:1200NP2-6** **York Sample ID:** **14A0400-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0400	Rowe Industries	Water	January 14, 2014 12:00 pm	01/16/2014

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	01/21/2014 14:41	01/22/2014 06:24	BK
71-55-6	1,1,1-Trichloroethane	**0.22**	J	ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11:	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK

Sample Information

Client Sample ID: WQ011414:1200NP2-6 **York Sample ID:** 14A0400-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0400	Rowe Industries	Water	January 14, 2014 12:00 pm	01/16/2014

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
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
156-59-2	cis-1,2-Dichloroethylene	**3.5**		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
127-18-4	Tetrachloroethylene	**9.5**		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
79-01-6	Trichloroethylene	**1.1**		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK

Sample Information

Client Sample ID: WQ011414:1200NP2-6 **York Sample ID:** 14A0400-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0400	Rowe Industries	Water	January 14, 2014 12:00 pm	01/16/2014

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
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	01/21/2014 14:41	01/22/2014 06:24	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*98.1 %*	*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	**3.47**		mg/L	0.0146	0.0200	1	EPA 200.7	01/17/2014 17:02	01/17/2014 22:04	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	**0.0775**		mg/L	0.0200	0.0200	1	EPA 6010C	01/17/2014 16:57	01/17/2014 19:59	MW

Sample Information

Client Sample ID: WQ011414:1205NP2-7 **York Sample ID:** 14A0400-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0400	Rowe Industries	Water	January 14, 2014 12:05 pm	01/16/2014

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	01/21/2014 14:41	01/22/2014 07:08	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK

Sample Information

Client Sample ID: WQ011414:1205NP2-7 **York Sample ID:** 14A0400-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0400	Rowe Industries	Water	January 14, 2014 12:05 pm	01/16/2014

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
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK

Sample Information

Client Sample ID: WQ011414:1205NP2-7 **York Sample ID:** 14A0400-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0400	Rowe Industries	Water	January 14, 2014 12:05 pm	01/16/2014

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:08	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*98.2 %*	*80-123*

Sample Information

Client Sample ID: WQ011414:1205NP2-7 **York Sample ID:** 14A0400-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0400	Rowe Industries	Water	January 14, 2014 12:05 pm	01/16/2014

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	**5.47**		mg/L	0.0146	0.0200	1	EPA 200.7	01/17/2014 17:02	01/17/2014 22:09	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	**0.0930**		mg/L	0.0200	0.0200	1	EPA 6010C	01/17/2014 16:57	01/17/2014 20:04	MW

Sample Information

Client Sample ID: WQ011414:1210NP2-10 **York Sample ID:** 14A0402-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0402	Rowe Industries	Water	January 14, 2014 12:10 pm	01/16/2014

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	01/21/2014 14:41	01/22/2014 07:52	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK

Sample Information

Client Sample ID: WQ011414:1210NP2-10 **York Sample ID:** 14A0402-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0402	Rowe Industries	Water	January 14, 2014 12:10 pm	01/16/2014

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
67-64-1	Acetone	**1.1**	J	ug/L	1.0	2.0	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK

Sample Information

Client Sample ID: WQ011414:1210NP2-10 **York Sample ID:** 14A0402-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0402	Rowe Industries	Water	January 14, 2014 12:10 pm	01/16/2014

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
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	01/21/2014 14:41	01/22/2014 07:52	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*97.6 %*	*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	01/17/2014 17:02	01/17/2014 22:14	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	**0.0862**		mg/L	0.0200	0.0200	1	EPA 6010C	01/17/2014 16:57	01/17/2014 20:09	MW

Sample Information

Client Sample ID: WQ011414:1210NP2-10 **York Sample ID:** 14A0402-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0402	Rowe Industries	Water	January 14, 2014 12:10 pm	01/16/2014

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	**86.0**		mg/L	10.0	10.0	1	SM 2540C	01/20/2014 11:35	01/21/2014 12:49	MF

Analytical Batch Summary

Batch ID: BA40606 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14A0400-01	WQ011414:1200NP2-6	01/17/14
14A0400-02	WQ011414:1205NP2-7	01/17/14
14A0402-01	WQ011414:1210NP2-10	01/17/14
BA40606-BLK1	Blank	01/17/14
BA40606-DUP1	Duplicate	01/17/14
BA40606-MS1	Matrix Spike	01/17/14
BA40606-SRM1	Reference	01/17/14

Batch ID: BA40607 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14A0400-01	WQ011414:1200NP2-6	01/17/14
14A0400-02	WQ011414:1205NP2-7	01/17/14
14A0402-01	WQ011414:1210NP2-10	01/17/14
BA40607-BLK1	Blank	01/17/14
BA40607-DUP1	Duplicate	01/17/14
BA40607-MS1	Matrix Spike	01/17/14
BA40607-SRM1	Reference	01/17/14

Batch ID: BA40640 **Preparation Method:** % Solids Prep **Prepared By:** MF

YORK Sample ID	Client Sample ID	Preparation Date
14A0402-01	WQ011414:1210NP2-10	01/20/14
BA40640-BLK1	Blank	01/20/14

Batch ID: BA40743 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14A0400-01	WQ011414:1200NP2-6	01/21/14
14A0400-02	WQ011414:1205NP2-7	01/21/14
14A0402-01	WQ011414:1210NP2-10	01/21/14
BA40743-BLK1	Blank	01/21/14
BA40743-BS1	LCS	01/21/14
BA40743-BSD1	LCS Dup	01/21/14

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA40743 - EPA 5030B											
Blank (BA40743-BLK1)											
Prepared: 01/21/2014 Analyzed: 01/22/2014											
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	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								

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 BA40743 - EPA 5030B											
Blank (BA40743-BLK1)									Prepared: 01/21/2014 Analyzed: 01/22/2014		
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	*9.84*		*"*	*10.0*		*98.4*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*65-133*				
Surrogate: Toluene-d8	*9.90*		*"*	*10.0*		*99.0*	*80-123*				
LCS (BA40743-BS1)									Prepared: 01/21/2014 Analyzed: 01/22/2014		
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	84-127				
1,1,1-Trichloroethane	10.5		"	10.0		105	80-131				
1,1,2,2-Tetrachloroethane	9.82		"	10.0		98.2	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.71		"	10.0		97.1	70-133				
1,1,2-Trichloroethane	10.2		"	10.0		102	73-124				
1,1-Dichloroethane	10.3		"	10.0		103	79-123				
1,1-Dichloroethylene	9.61		"	10.0		96.1	71-123				
1,1-Dichloropropylene	10.3		"	10.0		103	73-117				
1,2,3-Trichlorobenzene	10.5		"	10.0		105	78-117				
1,2,3-Trichloropropane	9.98		"	10.0		99.8	68-119				
1,2,4-Trichlorobenzene	10.8		"	10.0		108	78-117				
1,2,4-Trimethylbenzene	11.6		"	10.0		116	68-134				
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	73-129				
1,2-Dibromoethane	10.5		"	10.0		105	73-139				
1,2-Dichlorobenzene	10.4		"	10.0		104	83-110				
1,2-Dichloroethane	10.1		"	10.0		101	81-120				
1,2-Dichloropropane	9.83		"	10.0		98.3	76-120				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	74-121				
1,3-Dichlorobenzene	10.3		"	10.0		103	82-112				
1,3-Dichloropropane	10.2		"	10.0		102	77-122				
1,4-Dichlorobenzene	10.4		"	10.0		104	83-110				
2,2-Dichloropropane	10.4		"	10.0		104	50-163				
2-Chlorotoluene	9.75		"	10.0		97.5	74-115				
2-Hexanone	10.1		"	10.0		101	65-130				
4-Chlorotoluene	9.90		"	10.0		99.0	77-119				
Acetone	7.57		"	10.0		75.7	54-129				
Benzene	10.2		"	10.0		102	77-122				
Bromobenzene	9.53		"	10.0		95.3	76-114				
Bromochloromethane	9.88		"	10.0		98.8	73-125				
Bromodichloromethane	10.2		"	10.0		102	83-120				
Bromoform	10.2		"	10.0		102	72-139				
Bromomethane	8.91		"	10.0		89.1	52-128				
Carbon tetrachloride	10.6		"	10.0		106	66-152				
Chlorobenzene	10.3		"	10.0		103	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 BA40743 - EPA 5030B											
LCS (BA40743-BS1)											
Prepared: 01/21/2014 Analyzed: 01/22/2014											
Chloroethane	10.4		ug/L	10.0		104	60-124				
Chloroform	10.5		"	10.0		105	82-119				
Chloromethane	7.74		"	10.0		77.4	42-126				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	79-116				
cis-1,3-Dichloropropylene	9.97		"	10.0		99.7	85-134				
Dibromochloromethane	10.6		"	10.0		106	74-151				
Dibromomethane	10.5		"	10.0		105	74-128				
Dichlorodifluoromethane	10.2		"	10.0		102	10-146				
Ethyl Benzene	10.4		"	10.0		104	85-125				
Hexachlorobutadiene	10.6		"	10.0		106	69-131				
Isopropylbenzene	10.0		"	10.0		100	71-128				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	51-134				
Methylene chloride	9.53		"	10.0		95.3	76-122				
Naphthalene	11.1		"	10.0		111	72-127				
n-Butylbenzene	10.2		"	10.0		102	69-127				
n-Propylbenzene	9.97		"	10.0		99.7	70-129				
o-Xylene	10.5		"	10.0		105	83-117				
p- & m- Xylenes	21.5		"	20.0		108	80-126				
p-Isopropyltoluene	10.5		"	10.0		105	74-130				
sec-Butylbenzene	10.2		"	10.0		102	72-132				
Styrene	13.0		"	10.0		130	62-160				
tert-Butylbenzene	10.1		"	10.0		101	75-129				
Tetrachloroethylene	10.7		"	10.0		107	67-118				
Toluene	10.2		"	10.0		102	82-118				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	76-119				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	80-137				
Trichloroethylene	10.3		"	10.0		103	71-122				
Trichlorofluoromethane	9.86		"	10.0		98.6	67-130				
Vinyl Chloride	9.14		"	10.0		91.4	49-125				
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*79-133*				
Surrogate: p-Bromofluorobenzene	*9.90*		*"*	*10.0*		*99.0*	*65-133*				
Surrogate: Toluene-d8	*9.95*		*"*	*10.0*		*99.5*	*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 BA40743 - EPA 5030B											
LCS Dup (BA40743-BSD1)								Prepared: 01/21/2014 Analyzed: 01/22/2014			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	84-127		0.0957	30	
1,1,1-Trichloroethane	10.1		"	10.0		101	80-131		3.21	30	
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	76-120		8.39	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.58		"	10.0		85.8	70-133		12.4	30	
1,1,2-Trichloroethane	11.1		"	10.0		111	73-124		8.17	30	
1,1-Dichloroethane	10.2		"	10.0		102	79-123		0.978	30	
1,1-Dichloroethylene	8.70		"	10.0		87.0	71-123		9.94	30	
1,1-Dichloropropylene	9.84		"	10.0		98.4	73-117		4.47	30	
1,2,3-Trichlorobenzene	11.0		"	10.0		110	78-117		4.46	30	
1,2,3-Trichloropropane	11.3		"	10.0		113	68-119		12.1	30	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	78-117		0.278	30	
1,2,4-Trimethylbenzene	10.7		"	10.0		107	68-134		7.63	30	
1,2-Dibromo-3-chloropropane	12.2		"	10.0		122	73-129		15.9	30	
1,2-Dibromoethane	11.4		"	10.0		114	73-139		8.66	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	83-110		0.873	30	
1,2-Dichloroethane	10.8		"	10.0		108	81-120		6.32	30	
1,2-Dichloropropane	9.89		"	10.0		98.9	76-120		0.609	30	
1,3,5-Trimethylbenzene	10.0		"	10.0		100	74-121		7.39	30	
1,3-Dichlorobenzene	9.83		"	10.0		98.3	82-112		4.48	30	
1,3-Dichloropropane	10.9		"	10.0		109	77-122		6.71	30	
1,4-Dichlorobenzene	10.1		"	10.0		101	83-110		3.41	30	
2,2-Dichloropropane	9.57		"	10.0		95.7	50-163		8.02	30	
2-Chlorotoluene	9.26		"	10.0		92.6	74-115		5.16	30	
2-Hexanone	12.3		"	10.0		123	65-130		19.4	30	
4-Chlorotoluene	9.35		"	10.0		93.5	77-119		5.71	30	
Acetone	8.44		"	10.0		84.4	54-129		10.9	30	
Benzene	10.1		"	10.0		101	77-122		1.18	30	
Bromobenzene	9.36		"	10.0		93.6	76-114		1.80	30	
Bromochloromethane	10.6		"	10.0		106	73-125		6.75	30	
Bromodichloromethane	10.4		"	10.0		104	83-120		1.46	30	
Bromoform	11.2		"	10.0		112	72-139		8.60	30	
Bromomethane	8.84		"	10.0		88.4	52-128		0.789	30	
Carbon tetrachloride	10.2		"	10.0		102	66-152		3.56	30	
Chlorobenzene	10.2		"	10.0		102	85-113		1.18	30	
Chloroethane	10.1		"	10.0		101	60-124		3.31	30	
Chloroform	10.5		"	10.0		105	82-119		0.0950	30	
Chloromethane	7.64		"	10.0		76.4	42-126		1.30	30	
cis-1,2-Dichloroethylene	10.7		"	10.0		107	79-116		0.561	30	
cis-1,3-Dichloropropylene	10.1		"	10.0		101	85-134		0.899	30	
Dibromochloromethane	11.4		"	10.0		114	74-151		6.45	30	
Dibromomethane	11.2		"	10.0		112	74-128		5.89	30	
Dichlorodifluoromethane	9.46		"	10.0		94.6	10-146		8.02	30	
Ethyl Benzene	10.1		"	10.0		101	85-125		2.94	30	
Hexachlorobutadiene	9.78		"	10.0		97.8	69-131		7.67	30	
Isopropylbenzene	9.38		"	10.0		93.8	71-128		6.70	30	
Methyl tert-butyl ether (MTBE)	11.6		"	10.0		116	51-134		8.66	30	
Methylene chloride	9.69		"	10.0		96.9	76-122		1.66	30	
Naphthalene	12.3		"	10.0		123	72-127		10.2	30	
n-Butylbenzene	9.23		"	10.0		92.3	69-127		9.59	30	
n-Propylbenzene	9.21		"	10.0		92.1	70-129		7.92	30	
o-Xylene	10.4		"	10.0		104	83-117		1.15	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 BA40743 - EPA 5030B											
LCS Dup (BA40743-BSD1)									Prepared: 01/21/2014 Analyzed: 01/22/2014		
p- & m- Xylenes	20.7		ug/L	20.0		103	80-126		3.98	30	
p-Isopropyltoluene	9.68		"	10.0		96.8	74-130		7.84	30	
sec-Butylbenzene	9.34		"	10.0		93.4	72-132		8.51	30	
Styrene	12.7		"	10.0		127	62-160		2.26	30	
tert-Butylbenzene	9.42		"	10.0		94.2	75-129		6.67	30	
Tetrachloroethylene	10.2		"	10.0		102	67-118		4.99	30	
Toluene	9.96		"	10.0		99.6	82-118		2.87	30	
trans-1,2-Dichloroethylene	9.97		"	10.0		99.7	76-119		3.64	30	
trans-1,3-Dichloropropylene	10.5		"	10.0		105	80-137		2.70	30	
Trichloroethylene	9.95		"	10.0		99.5	71-122		3.26	30	
Trichlorofluoromethane	9.06		"	10.0		90.6	67-130		8.46	30	
Vinyl Chloride	8.66		"	10.0		86.6	49-125		5.39	30	
Surrogate: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*79-133*				
Surrogate: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*65-133*				
Surrogate: Toluene-d8	*9.86*		*"*	*10.0*		*98.6*	*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 BA40606 - EPA 3010A											
Blank (BA40606-BLK1)								Prepared & Analyzed: 01/17/2014			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BA40606-DUP1)	*Source sample: 14A0402-01 (WQ011414:1210NP2-10)							Prepared & Analyzed: 01/17/2014			
Iron - Dissolved	0.0860	0.0200	mg/L		0.0862				0.193	20	
Matrix Spike (BA40606-MS1)	*Source sample: 14A0402-01 (WQ011414:1210NP2-10)							Prepared & Analyzed: 01/17/2014			
Iron - Dissolved	1.13	0.0200	mg/L	1.00	0.0862	104	75-125				
Reference (BA40606-SRM1)								Prepared & Analyzed: 01/17/2014			
Iron - Dissolved	1.45	0.0200	mg/L	1.44		101	88.2-113				
Batch BA40607 - EPA 3010A											
Blank (BA40607-BLK1)								Prepared & Analyzed: 01/17/2014			
Iron	ND	0.0200	mg/L								
Duplicate (BA40607-DUP1)	*Source sample: 14A0402-01 (WQ011414:1210NP2-10)							Prepared & Analyzed: 01/17/2014			
Iron	11.9	0.0200	mg/L		11.9				0.0262	20	
Matrix Spike (BA40607-MS1)	*Source sample: 14A0402-01 (WQ011414:1210NP2-10)							Prepared & Analyzed: 01/17/2014			
Iron	12.8	0.0200	mg/L	1.00	11.9	92.5	75-125				
Reference (BA40607-SRM1)								Prepared & Analyzed: 01/17/2014			
Iron	1.44	0.0200	mg/L	1.44		100	88.2-113				

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 BA40640 - % Solids Prep											
Blank (BA40640-BLK1)											Prepared: 01/20/2014 Analyzed: 01/21/2014
Total Dissolved Solids	ND	10.0	mg/L								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14A0400-01	WQ011414:1200NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0400-02	WQ011414:1205NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14A0402-01	WQ011414:1210NP2-10	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.
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. 14N0400

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)

STEPHEN HNAT
Name (printed)

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

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ011414:1200NP2-6	1/14/14 1200	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus Tcon 113	3v 2p
WQ011414:1205NP2-7	" 1205	GW	↓	3v 2p
WQ011414:1210NP2-10	" 1210	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus Tcon 113 / TOS (SM 2540c)	3v 3p

Comments

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

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

Samples Relinquished By — 1/15/14 930 Date/Time
Samples Relinquished By — Date/Time

Samples Received By — LBG Fedex — 1/16/14 12:49 Date/Time
Samples Received in LAB by — E. Schreck — 1/16/14 1400 Date/Time

Temperature on Receipt 3.9 °C

Technical Report

prepared for:

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

Report Date: 02/11/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14B0010

Report Date: 02/11/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14B0010

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 February 03, 2014 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
14B0010-01	WQ012814:1400NP2-6	Water	01/28/2014	02/03/2014
14B0010-02	WQ012814:1405NP2-7	Water	01/28/2014	02/03/2014
14B0011-01	WQ012814:1410NP2-10	Water	01/28/2014	02/03/2014

General Notes for York Project (SDG) No.: 14B0010

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: 02/11/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **WQ012814:1400NP2-6** | **York Sample ID:** **14B0010-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0010	Rowe Industries	Water	January 28, 2014 2:00 pm	02/03/2014

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	02/10/2014 09:00	02/10/2014 17:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS

Sample Information

Client Sample ID: WQ012814:1400NP2-6 **York Sample ID:** 14B0010-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0010	Rowe Industries	Water	January 28, 2014 2:00 pm	02/03/2014

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
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
156-59-2	cis-1,2-Dichloroethylene	**1.0**		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
127-18-4	Tetrachloroethylene	**3.4**		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS

Sample Information

Client Sample ID: WQ012814:1400NP2-6 **York Sample ID:** 14B0010-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0010	Rowe Industries	Water	January 28, 2014 2:00 pm	02/03/2014

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:17	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.9 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*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	**55.2**		mg/L	0.0146	0.0200	1	EPA 200.7	02/04/2014 14:34	02/04/2014 17:12	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	**0.0354**		mg/L	0.0200	0.0200	1	EPA 6010C	02/04/2014 14:32	02/04/2014 15:58	MW

Sample Information

Client Sample ID: WQ012814:1405NP2-7 **York Sample ID:** 14B0010-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0010	Rowe Industries	Water	January 28, 2014 2:05 pm	02/03/2014

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	02/10/2014 09:00	02/10/2014 17:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS

Sample Information

Client Sample ID: WQ012814:1405NP2-7 **York Sample ID:** 14B0010-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0010	Rowe Industries	Water	January 28, 2014 2:05 pm	02/03/2014

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
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS

Sample Information

Client Sample ID: WQ012814:1405NP2-7 **York Sample ID:** 14B0010-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0010	Rowe Industries	Water	January 28, 2014 2:05 pm	02/03/2014

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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	02/10/2014 09:00	02/10/2014 17:46	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.9 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*80-123*

Sample Information

Client Sample ID: WQ012814:1405NP2-7 **York Sample ID:** 14B0010-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0010	Rowe Industries	Water	January 28, 2014 2:05 pm	02/03/2014

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	**23.3**		mg/L	0.0146	0.0200	1	EPA 200.7	02/04/2014 14:34	02/04/2014 17:17	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	**0.0374**		mg/L	0.0200	0.0200	1	EPA 6010C	02/04/2014 14:32	02/04/2014 16:03	MW

Sample Information

Client Sample ID: WQ012814:1410NP2-10 **York Sample ID:** 14B0011-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0011	Rowe Industries	Water	January 28, 2014 2:10 pm	02/03/2014

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	02/11/2014 09:22	02/11/2014 12:14	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK

Sample Information

Client Sample ID: WQ012814:1410NP2-10 **York Sample ID:** 14B0011-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0011	Rowe Industries	Water	January 28, 2014 2:10 pm	02/03/2014

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK

Sample Information

Client Sample ID: WQ012814:1410NP2-10 **York Sample ID:** 14B0011-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0011	Rowe Industries	Water	January 28, 2014 2:10 pm	02/03/2014

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
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	02/11/2014 09:22	02/11/2014 12:14	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.2 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*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	**10.4**		mg/L	0.0146	0.0200	1	EPA 200.7	02/04/2014 14:34	02/04/2014 17:22	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	**0.108**		mg/L	0.0200	0.0200	1	EPA 6010C	02/04/2014 14:32	02/04/2014 16:08	MW

Sample Information

Client Sample ID: WQ012814:1410NP2-10 **York Sample ID:** 14B0011-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0011	Rowe Industries	Water	January 28, 2014 2:10 pm	02/03/2014

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	**45.0**		mg/L	10.0	10.0	1	SM 2540C	02/04/2014 16:04	02/04/2014 16:04	ALD

Analytical Batch Summary

Batch ID: BB40105 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14B0010-01	WQ012814:1400NP2-6	02/04/14
14B0010-02	WQ012814:1405NP2-7	02/04/14
14B0011-01	WQ012814:1410NP2-10	02/04/14
BB40105-BLK1	Blank	02/04/14
BB40105-DUP1	Duplicate	02/04/14
BB40105-MS1	Matrix Spike	02/04/14
BB40105-SRM1	Reference	02/04/14

Batch ID: BB40106 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14B0010-01	WQ012814:1400NP2-6	02/04/14
14B0010-02	WQ012814:1405NP2-7	02/04/14
14B0011-01	WQ012814:1410NP2-10	02/04/14
BB40106-BLK1	Blank	02/04/14
BB40106-DUP1	Duplicate	02/04/14
BB40106-MS1	Matrix Spike	02/04/14
BB40106-SRM1	Reference	02/04/14

Batch ID: BB40110 **Preparation Method:** % Solids Prep **Prepared By:** MF

YORK Sample ID	Client Sample ID	Preparation Date
14B0011-01	WQ012814:1410NP2-10	02/04/14
BB40110-BLK1	Blank	02/04/14

Batch ID: BB40309 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14B0010-01	WQ012814:1400NP2-6	02/10/14
14B0010-02	WQ012814:1405NP2-7	02/10/14
BB40309-BLK1	Blank	02/10/14
BB40309-BS1	LCS	02/10/14
BB40309-BSD1	LCS Dup	02/10/14

Batch ID: BB40358 **Preparation Method:** EPA 5030B **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
14B0011-01	WQ012814:1410NP2-10	02/11/14
BB40358-BLK1	Blank	02/11/14
BB40358-BS1	LCS	02/11/14
BB40358-BSD1	LCS Dup	02/11/14

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB40309 - EPA 5030B											
Blank (BB40309-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	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								

Prepared & Analyzed: 02/10/2014

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 BB40309 - EPA 5030B											
Blank (BB40309-BLK1)								Prepared & Analyzed: 02/10/2014			
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	*9.36*		*"*	*10.0*		*93.6*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*65-133*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*80-123*				
LCS (BB40309-BS1)								Prepared & Analyzed: 02/10/2014			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	84-127				
1,1,1-Trichloroethane	9.99		"	10.0		99.9	80-131				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	70-133				
1,1,2-Trichloroethane	9.67		"	10.0		96.7	73-124				
1,1-Dichloroethane	9.77		"	10.0		97.7	79-123				
1,1-Dichloroethylene	9.62		"	10.0		96.2	71-123				
1,1-Dichloropropylene	10.1		"	10.0		101	73-117				
1,2,3-Trichlorobenzene	10.4		"	10.0		104	78-117				
1,2,3-Trichloropropane	10.6		"	10.0		106	68-119				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	78-117				
1,2,4-Trimethylbenzene	10.8		"	10.0		108	68-134				
1,2-Dibromo-3-chloropropane	11.3		"	10.0		113	73-129				
1,2-Dibromoethane	10.4		"	10.0		104	73-139				
1,2-Dichlorobenzene	10.3		"	10.0		103	83-110				
1,2-Dichloroethane	9.89		"	10.0		98.9	81-120				
1,2-Dichloropropane	10.4		"	10.0		104	76-120				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	74-121				
1,3-Dichlorobenzene	10.5		"	10.0		105	82-112				
1,3-Dichloropropane	10.3		"	10.0		103	77-122				
1,4-Dichlorobenzene	10.5		"	10.0		105	83-110				
2,2-Dichloropropane	10.8		"	10.0		108	50-163				
2-Chlorotoluene	10.6		"	10.0		106	74-115				
2-Hexanone	10.3		"	10.0		103	65-130				
4-Chlorotoluene	10.6		"	10.0		106	77-119				
Acetone	6.75		"	10.0		67.5	54-129				
Benzene	9.99		"	10.0		99.9	77-122				
Bromobenzene	10.7		"	10.0		107	76-114				
Bromochloromethane	9.85		"	10.0		98.5	73-125				
Bromodichloromethane	10.5		"	10.0		105	83-120				
Bromoform	10.6		"	10.0		106	72-139				
Bromomethane	8.93		"	10.0		89.3	52-128				
Carbon tetrachloride	10.1		"	10.0		101	66-152				
Chlorobenzene	10.3		"	10.0		103	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 BB40309 - EPA 5030B											
LCS (BB40309-BS1)								Prepared & Analyzed: 02/10/2014			
Chloroethane	9.73		ug/L	10.0		97.3	60-124				
Chloroform	9.96		"	10.0		99.6	82-119				
Chloromethane	9.26		"	10.0		92.6	42-126				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	79-116				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	85-134				
Dibromochloromethane	10.6		"	10.0		106	74-151				
Dibromomethane	10.2		"	10.0		102	74-128				
Dichlorodifluoromethane	9.06		"	10.0		90.6	10-146				
Ethyl Benzene	10.6		"	10.0		106	85-125				
Hexachlorobutadiene	10.6		"	10.0		106	69-131				
Isopropylbenzene	10.8		"	10.0		108	71-128				
Methyl tert-butyl ether (MTBE)	9.59		"	10.0		95.9	51-134				
Methylene chloride	9.16		"	10.0		91.6	76-122				
Naphthalene	10.3		"	10.0		103	72-127				
n-Butylbenzene	10.9		"	10.0		109	69-127				
n-Propylbenzene	10.9		"	10.0		109	70-129				
o-Xylene	10.5		"	10.0		105	83-117				
p- & m- Xylenes	21.2		"	20.0		106	80-126				
p-Isopropyltoluene	10.8		"	10.0		108	74-130				
sec-Butylbenzene	10.9		"	10.0		109	72-132				
Styrene	10.5		"	10.0		105	62-160				
tert-Butylbenzene	10.9		"	10.0		109	75-129				
Tetrachloroethylene	10.3		"	10.0		103	67-118				
Toluene	10.4		"	10.0		104	82-118				
trans-1,2-Dichloroethylene	9.83		"	10.0		98.3	76-119				
trans-1,3-Dichloropropylene	10.5		"	10.0		105	80-137				
Trichloroethylene	10.5		"	10.0		105	71-122				
Trichlorofluoromethane	9.84		"	10.0		98.4	67-130				
Vinyl Chloride	9.44		"	10.0		94.4	49-125				
Surrogate: 1,2-Dichloroethane-d4	*9.76*		*"*	*10.0*		*97.6*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*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 BB40309 - EPA 5030B											
LCS Dup (BB40309-BSD1)							Prepared & Analyzed: 02/10/2014				
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	84-127		5.63	30	
1,1,1-Trichloroethane	10.3		"	10.0		103	80-131		3.25	30	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-120		4.53	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	70-133		3.67	30	
1,1,2-Trichloroethane	10.2		"	10.0		102	73-124		5.33	30	
1,1-Dichloroethane	10.2		"	10.0		102	79-123		4.01	30	
1,1-Dichloroethylene	9.91		"	10.0		99.1	71-123		2.97	30	
1,1-Dichloropropylene	10.3		"	10.0		103	73-117		2.05	30	
1,2,3-Trichlorobenzene	10.8		"	10.0		108	78-117		3.39	30	
1,2,3-Trichloropropane	11.0		"	10.0		110	68-119		3.33	30	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	78-117		4.43	30	
1,2,4-Trimethylbenzene	11.0		"	10.0		110	68-134		2.12	30	
1,2-Dibromo-3-chloropropane	11.6		"	10.0		116	73-129		2.45	30	
1,2-Dibromoethane	10.7		"	10.0		107	73-139		3.42	30	
1,2-Dichlorobenzene	10.6		"	10.0		106	83-110		2.87	30	
1,2-Dichloroethane	10.1		"	10.0		101	81-120		2.40	30	
1,2-Dichloropropane	10.8		"	10.0		108	76-120		3.50	30	
1,3,5-Trimethylbenzene	11.0		"	10.0		110	74-121		1.56	30	
1,3-Dichlorobenzene	10.7		"	10.0		107	82-112		1.79	30	
1,3-Dichloropropane	10.5		"	10.0		105	77-122		1.35	30	
1,4-Dichlorobenzene	10.8		"	10.0		108	83-110		2.92	30	
2,2-Dichloropropane	11.0		"	10.0		110	50-163		1.47	30	
2-Chlorotoluene	10.8		"	10.0		108	74-115		1.86	30	
2-Hexanone	10.9		"	10.0		109	65-130		5.47	30	
4-Chlorotoluene	10.8		"	10.0		108	77-119		2.24	30	
Acetone	7.37		"	10.0		73.7	54-129		8.78	30	
Benzene	10.3		"	10.0		103	77-122		2.76	30	
Bromobenzene	10.9		"	10.0		109	76-114		1.57	30	
Bromochloromethane	10.1		"	10.0		101	73-125		2.21	30	
Bromodichloromethane	10.9		"	10.0		109	83-120		3.36	30	
Bromoform	11.1		"	10.0		111	72-139		4.25	30	
Bromomethane	9.31		"	10.0		93.1	52-128		4.17	30	
Carbon tetrachloride	10.7		"	10.0		107	66-152		5.38	30	
Chlorobenzene	10.7		"	10.0		107	85-113		3.80	30	
Chloroethane	9.74		"	10.0		97.4	60-124		0.103	30	
Chloroform	10.2		"	10.0		102	82-119		2.28	30	
Chloromethane	9.34		"	10.0		93.4	42-126		0.860	30	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	79-116		2.52	30	
cis-1,3-Dichloropropylene	10.8		"	10.0		108	85-134		3.67	30	
Dibromochloromethane	11.0		"	10.0		110	74-151		3.33	30	
Dibromomethane	11.0		"	10.0		110	74-128		7.44	30	
Dichlorodifluoromethane	9.18		"	10.0		91.8	10-146		1.32	30	
Ethyl Benzene	10.9		"	10.0		109	85-125		3.07	30	
Hexachlorobutadiene	11.0		"	10.0		110	69-131		3.78	30	
Isopropylbenzene	11.0		"	10.0		110	71-128		2.20	30	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	51-134		4.78	30	
Methylene chloride	9.59		"	10.0		95.9	76-122		4.59	30	
Naphthalene	10.7		"	10.0		107	72-127		3.52	30	
n-Butylbenzene	11.1		"	10.0		111	69-127		1.91	30	
n-Propylbenzene	11.0		"	10.0		110	70-129		1.55	30	
o-Xylene	10.9		"	10.0		109	83-117		3.75	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

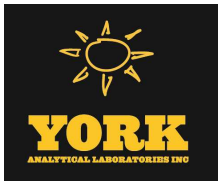
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB40309 - EPA 5030B											
LCS Dup (BB40309-BSD1)								Prepared & Analyzed: 02/10/2014			
p- & m- Xylenes	22.0		ug/L	20.0		110	80-126		3.76	30	
p-Isopropyltoluene	11.1		"	10.0		111	74-130		2.74	30	
sec-Butylbenzene	11.1		"	10.0		111	72-132		1.82	30	
Styrene	10.9		"	10.0		109	62-160		3.75	30	
tert-Butylbenzene	11.0		"	10.0		110	75-129		1.37	30	
Tetrachloroethylene	10.6		"	10.0		106	67-118		3.15	30	
Toluene	10.9		"	10.0		109	82-118		4.60	30	
trans-1,2-Dichloroethylene	10.1		"	10.0		101	76-119		2.51	30	
trans-1,3-Dichloropropylene	10.9		"	10.0		109	80-137		4.21	30	
Trichloroethylene	10.9		"	10.0		109	71-122		3.56	30	
Trichlorofluoromethane	10.2		"	10.0		102	67-130		3.30	30	
Vinyl Chloride	9.97		"	10.0		99.7	49-125		5.46	30	
Surrogate: 1,2-Dichloroethane-d4	*9.94*		*"*	*10.0*		*99.4*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*65-133*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*80-123*				
Batch BB40358 - EPA 5030B											
Blank (BB40358-BLK1)								Prepared & Analyzed: 02/11/2014			
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	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								

Volatile Organic Compounds by 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 BB40358 - EPA 5030B											
Blank (BB40358-BLK1)											Prepared & Analyzed: 02/11/2014
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	*8.83*		"	*10.0*		*88.3*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.2*		"	*10.0*		*102*	*65-133*				
Surrogate: Toluene-d8	*10.3*		"	*10.0*		*103*	*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 BB40358 - EPA 5030B											
LCS (BB40358-BS1)								Prepared & Analyzed: 02/11/2014			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	84-127				
1,1,1-Trichloroethane	10.3		"	10.0		103	80-131				
1,1,2,2-Tetrachloroethane	9.44		"	10.0		94.4	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	70-133				
1,1,2-Trichloroethane	9.58		"	10.0		95.8	73-124				
1,1-Dichloroethane	10.2		"	10.0		102	79-123				
1,1-Dichloroethylene	10.6		"	10.0		106	71-123				
1,1-Dichloropropylene	10.4		"	10.0		104	73-117				
1,2,3-Trichlorobenzene	9.43		"	10.0		94.3	78-117				
1,2,3-Trichloropropane	9.70		"	10.0		97.0	68-119				
1,2,4-Trichlorobenzene	10.1		"	10.0		101	78-117				
1,2,4-Trimethylbenzene	11.2		"	10.0		112	68-134				
1,2-Dibromo-3-chloropropane	9.75		"	10.0		97.5	73-129				
1,2-Dibromoethane	9.43		"	10.0		94.3	73-139				
1,2-Dichlorobenzene	10.3		"	10.0		103	83-110				
1,2-Dichloroethane	9.18		"	10.0		91.8	81-120				
1,2-Dichloropropane	10.6		"	10.0		106	76-120				
1,3,5-Trimethylbenzene	11.1		"	10.0		111	74-121				
1,3-Dichlorobenzene	10.6		"	10.0		106	82-112				
1,3-Dichloropropane	9.57		"	10.0		95.7	77-122				
1,4-Dichlorobenzene	10.4		"	10.0		104	83-110				
2,2-Dichloropropane	12.4		"	10.0		124	50-163				
2-Chlorotoluene	11.1		"	10.0		111	74-115				
2-Hexanone	8.05		"	10.0		80.5	65-130				
4-Chlorotoluene	10.7		"	10.0		107	77-119				
Acetone	3.96		"	10.0		39.6	54-129	Low Bias			
Benzene	10.2		"	10.0		102	77-122				
Bromobenzene	10.5		"	10.0		105	76-114				
Bromochloromethane	8.89		"	10.0		88.9	73-125				
Bromodichloromethane	10.1		"	10.0		101	83-120				
Bromoform	9.82		"	10.0		98.2	72-139				
Bromomethane	8.07		"	10.0		80.7	52-128				
Carbon tetrachloride	10.3		"	10.0		103	66-152				
Chlorobenzene	10.3		"	10.0		103	85-113				
Chloroethane	10.4		"	10.0		104	60-124				
Chloroform	10.0		"	10.0		100	82-119				
Chloromethane	9.95		"	10.0		99.5	42-126				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	79-116				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	85-134				
Dibromochloromethane	9.75		"	10.0		97.5	74-151				
Dibromomethane	9.41		"	10.0		94.1	74-128				
Dichlorodifluoromethane	8.05		"	10.0		80.5	10-146				
Ethyl Benzene	10.7		"	10.0		107	85-125				
Hexachlorobutadiene	11.1		"	10.0		111	69-131				
Isopropylbenzene	11.4		"	10.0		114	71-128				
Methyl tert-butyl ether (MTBE)	8.95		"	10.0		89.5	51-134				
Methylene chloride	8.77		"	10.0		87.7	76-122				
Naphthalene	8.58		"	10.0		85.8	72-127				
n-Butylbenzene	11.2		"	10.0		112	69-127				
n-Propylbenzene	11.4		"	10.0		114	70-129				
o-Xylene	10.6		"	10.0		106	83-117				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB40358 - EPA 5030B											
LCS (BB40358-BS1)							Prepared & Analyzed: 02/11/2014				
p- & m- Xylenes	21.7		ug/L	20.0		109	80-126				
p-Isopropyltoluene	11.3		"	10.0		113	74-130				
sec-Butylbenzene	11.4		"	10.0		114	72-132				
Styrene	10.4		"	10.0		104	62-160				
tert-Butylbenzene	11.4		"	10.0		114	75-129				
Tetrachloroethylene	10.8		"	10.0		108	67-118				
Toluene	10.6		"	10.0		106	82-118				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	76-119				
trans-1,3-Dichloropropylene	9.95		"	10.0		99.5	80-137				
Trichloroethylene	10.6		"	10.0		106	71-122				
Trichlorofluoromethane	10.5		"	10.0		105	67-130				
Vinyl Chloride	10.1		"	10.0		101	49-125				
Surrogate: 1,2-Dichloroethane-d4	*9.08*		*"*	*10.0*		*90.8*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*65-133*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*80-123*				
LCS Dup (BB40358-BSD1)							Prepared & Analyzed: 02/11/2014				
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0		107	84-127		2.17	30	
1,1,1-Trichloroethane	10.8		"	10.0		108	80-131		4.45	30	
1,1,2,2-Tetrachloroethane	9.67		"	10.0		96.7	76-120		2.41	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	70-133		4.95	30	
1,1,2-Trichloroethane	9.81		"	10.0		98.1	73-124		2.37	30	
1,1-Dichloroethane	10.6		"	10.0		106	79-123		4.22	30	
1,1-Dichloroethylene	11.1		"	10.0		111	71-123		5.07	30	
1,1-Dichloropropylene	10.5		"	10.0		105	73-117		0.956	30	
1,2,3-Trichlorobenzene	9.75		"	10.0		97.5	78-117		3.34	30	
1,2,3-Trichloropropane	10.0		"	10.0		100	68-119		3.05	30	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	78-117		0.792	30	
1,2,4-Trimethylbenzene	11.4		"	10.0		114	68-134		1.68	30	
1,2-Dibromo-3-chloropropane	9.16		"	10.0		91.6	73-129		6.24	30	
1,2-Dibromoethane	9.66		"	10.0		96.6	73-139		2.41	30	
1,2-Dichlorobenzene	10.5		"	10.0		105	83-110		1.54	30	
1,2-Dichloroethane	9.63		"	10.0		96.3	81-120		4.78	30	
1,2-Dichloropropane	10.7		"	10.0		107	76-120		0.281	30	
1,3,5-Trimethylbenzene	11.4		"	10.0		114	74-121		2.13	30	
1,3-Dichlorobenzene	11.0		"	10.0		110	82-112		3.15	30	
1,3-Dichloropropane	9.77		"	10.0		97.7	77-122		2.07	30	
1,4-Dichlorobenzene	10.8		"	10.0		108	83-110		3.76	30	
2,2-Dichloropropane	12.7		"	10.0		127	50-163		2.47	30	
2-Chlorotoluene	11.2		"	10.0		112	74-115		0.628	30	
2-Hexanone	8.23		"	10.0		82.3	65-130		2.21	30	
4-Chlorotoluene	10.9		"	10.0		109	77-119		1.85	30	
Acetone	4.38		"	10.0		43.8	54-129	Low Bias	10.1	30	
Benzene	10.6		"	10.0		106	77-122		3.66	30	
Bromobenzene	10.4		"	10.0		104	76-114		0.668	30	
Bromochloromethane	9.18		"	10.0		91.8	73-125		3.21	30	
Bromodichloromethane	10.3		"	10.0		103	83-120		1.86	30	
Bromoform	10.2		"	10.0		102	72-139		3.89	30	
Bromomethane	9.00		"	10.0		90.0	52-128		10.9	30	
Carbon tetrachloride	10.9		"	10.0		109	66-152		5.84	30	
Chlorobenzene	10.6		"	10.0		106	85-113		2.68	30	
Chloroethane	10.8		"	10.0		108	60-124		4.35	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 BB40358 - EPA 5030B											
LCS Dup (BB40358-BSD1)								Prepared & Analyzed: 02/11/2014			
Chloroform	10.4		ug/L	10.0		104	82-119		4.21	30	
Chloromethane	9.85		"	10.0		98.5	42-126		1.01	30	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	79-116		4.13	30	
cis-1,3-Dichloropropylene	10.7		"	10.0		107	85-134		2.36	30	
Dibromochloromethane	9.98		"	10.0		99.8	74-151		2.33	30	
Dibromomethane	9.62		"	10.0		96.2	74-128		2.21	30	
Dichlorodifluoromethane	8.26		"	10.0		82.6	10-146		2.58	30	
Ethyl Benzene	11.0		"	10.0		110	85-125		2.21	30	
Hexachlorobutadiene	11.2		"	10.0		112	69-131		0.805	30	
Isopropylbenzene	11.7		"	10.0		117	71-128		2.95	30	
Methyl tert-butyl ether (MTBE)	9.34		"	10.0		93.4	51-134		4.26	30	
Methylene chloride	8.74		"	10.0		87.4	76-122		0.343	30	
Naphthalene	8.79		"	10.0		87.9	72-127		2.42	30	
n-Butylbenzene	11.3		"	10.0		113	69-127		0.887	30	
n-Propylbenzene	11.8		"	10.0		118	70-129		3.62	30	
o-Xylene	10.7		"	10.0		107	83-117		1.22	30	
p- & m- Xylenes	22.1		"	20.0		111	80-126		1.78	30	
p-Isopropyltoluene	11.5		"	10.0		115	74-130		1.75	30	
sec-Butylbenzene	11.6		"	10.0		116	72-132		0.956	30	
Styrene	10.6		"	10.0		106	62-160		1.81	30	
tert-Butylbenzene	11.6		"	10.0		116	75-129		1.65	30	
Tetrachloroethylene	11.0		"	10.0		110	67-118		1.84	30	
Toluene	10.9		"	10.0		109	82-118		2.70	30	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	76-119		5.49	30	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	80-137		3.26	30	
Trichloroethylene	11.1		"	10.0		111	71-122		4.90	30	
Trichlorofluoromethane	11.2		"	10.0		112	67-130		6.07	30	
Vinyl Chloride	10.3		"	10.0		103	49-125		1.57	30	
Surrogate: 1,2-Dichloroethane-d4	*9.33*		*"*	*10.0*		*93.3*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*65-133*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*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 BB40105 - EPA 3010A											
Blank (BB40105-BLK1)								Prepared & Analyzed: 02/04/2014			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BB40105-DUP1)	*Source sample: 14B0011-01 (WQ012814:1410NP2-10)							Prepared & Analyzed: 02/04/2014			
Iron - Dissolved	0.109	0.0200	mg/L		0.108				0.423	20	
Matrix Spike (BB40105-MS1)	*Source sample: 14B0011-01 (WQ012814:1410NP2-10)							Prepared & Analyzed: 02/04/2014			
Iron - Dissolved	1.20	0.0200	mg/L	1.00	0.108	109	75-125				
Reference (BB40105-SRM1)								Prepared & Analyzed: 02/04/2014			
Iron - Dissolved	1.51	0.0200	mg/L	1.44		105	88.2-113				
Batch BB40106 - EPA 3010A											
Blank (BB40106-BLK1)								Prepared & Analyzed: 02/04/2014			
Iron	ND	0.0200	mg/L								
Duplicate (BB40106-DUP1)	*Source sample: 14B0011-01 (WQ012814:1410NP2-10)							Prepared & Analyzed: 02/04/2014			
Iron	10.4	0.0200	mg/L		10.4				0.288	20	
Matrix Spike (BB40106-MS1)	*Source sample: 14B0011-01 (WQ012814:1410NP2-10)							Prepared & Analyzed: 02/04/2014			
Iron	11.2	0.0200	mg/L	1.00	10.4	78.7	75-125				
Reference (BB40106-SRM1)								Prepared & Analyzed: 02/04/2014			
Iron	1.52	0.0200	mg/L	1.44		106	88.2-113				

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 BB40110 - % Solids Prep											
Blank (BB40110-BLK1)											Prepared & Analyzed: 02/04/2014
Total Dissolved Solids	ND	10.0	mg/L								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14B0010-01	WQ012814:1400NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14B0010-02	WQ012814:1405NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14B0011-01	WQ012814:1410NP2-10	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.

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. 14B0010

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

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

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

YOUR Project ID
Rowe Industries.

Purchase Order No:
HABSAG

Samples from: CT ___ NY X NJ ___

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

Report Type
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	B151Herb	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-Routine	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Specific	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Specific	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Index Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ012814:1400NP2-6	1/28/14 1400	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus from 113	3v 2P
WQ012814:1405NP2-7	1405	GW		3v 2P
WQ012814:1410NP2-10	1410	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus from 113 / TOS (SM 2540C)	3v 3P

Comments

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

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

Samples Relinquished By: [signature] 2/3/14 1530 Date/Time
Samples Received By: [signature] 2/3/14 1530 Date/Time
Samples Relinquished By: ___ Date/Time
Samples Received at LAL by: [signature] 2-3-14 1644 Date/Time

Temperature on Receipt 3.0 °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. 14B0011

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

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

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

YOUR Project ID
Rowe Industries.

Purchase Order No.
HABSAG.

Samples from: CT ___ NY X NJ ___

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

Report Type
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-Specific	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Specific	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEPSewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDECSewer	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)
WQ012814:1400NP2-6	1/28/14 1400	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	3v 2P
WQ012814:1405NP2-7	↓ 1405	GW	↓	3v 2P
WQ012814:1410NP2-10	↓ 1410	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TDS (SM 2540C)	3v 3P

Comments

Preservation Check those Applicable
4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By: [signature] 2/3/14 1530 Date/Time
Samples Relinquished By: ___ Date/Time

Samples Received By: TC 2/3/14 1530 Date/Time
Samples Received in LAB by: Grace 2-3-14 1644 Date/Time

Temperature on Receipt 3.0 °C

APPENDIX II
JANUARY 2014 LABORATORY ANALYTICAL REPORTS
FOR FSP&T AND FP&T RECOVERY WELLS

Technical Report

prepared for:

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

Report Date: 02/12/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14B0012

Report Date: 02/12/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14B0012

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 February 03, 2014 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
14B0012-01	WQ012814:1230NP1-1-2	Water	01/28/2014	02/03/2014
14B0012-02	WQ012814:1240NP1-1-4	Water	01/28/2014	02/03/2014
14B0012-03	WQ012814:1250NP1-1-6	Water	01/28/2014	02/03/2014
14B0012-04	WQ012814:1300NP1-1-7	Water	01/28/2014	02/03/2014

General Notes for York Project (SDG) No.: 14B0012

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: 02/12/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **WQ012814:1230NP1-1-2** **York Sample ID:** **14B0012-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 12:30 pm	02/03/2014

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	02/07/2014 09:37	02/07/2014 18:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11:	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS

Sample Information

Client Sample ID: WQ012814:1230NP1-1-2 **York Sample ID:** 14B0012-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 12:30 pm	02/03/2014

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
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
127-18-4	Tetrachloroethylene	**1.2**		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS

Sample Information

Client Sample ID: WQ012814:1230NP1-1-2 **York Sample ID:** 14B0012-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 12:30 pm	02/03/2014

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:06	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*80-123*

Sample Information

Client Sample ID: WQ012814:1240NP1-1-4 **York Sample ID:** 14B0012-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 12:40 pm	02/03/2014

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	02/07/2014 09:37	02/07/2014 18:36	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS

Sample Information

Client Sample ID: WQ012814:1240NP1-1-4 **York Sample ID:** 14B0012-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 12:40 pm	02/03/2014

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS

Sample Information

Client Sample ID: WQ012814:1240NP1-1-4 **York Sample ID:** 14B0012-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 12:40 pm	02/03/2014

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
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
127-18-4	Tetrachloroethylene	**2.0**		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	02/07/2014 09:37	02/07/2014 18:36	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.6 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.6 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*80-123*

Sample Information

Client Sample ID: WQ012814:1250NP1-1-6 **York Sample ID:** 14B0012-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 12:50 pm	02/03/2014

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	02/07/2014 09:37	02/07/2014 19:05	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS

Sample Information

Client Sample ID: WQ012814:1250NP1-1-6 **York Sample ID:** 14B0012-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 12:50 pm	02/03/2014

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
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS

Sample Information

Client Sample ID: WQ012814:1250NP1-1-6 **York Sample ID:** 14B0012-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 12:50 pm	02/03/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
127-18-4	Tetrachloroethylene	**1.9**		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:05	SS

Sample Information

Client Sample ID: WQ012814:1250NP1-1-6 **York Sample ID:** 14B0012-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 12:50 pm	02/03/2014

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*	*101 %*		*65-133*							
2037-26-5	*Surrogate: Toluene-d8*	*103 %*		*80-123*							

Sample Information

Client Sample ID: WQ012814:1300NP1-1-7 **York Sample ID:** 14B0012-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 1:00 pm	02/03/2014

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	02/07/2014 09:37	02/07/2014 19:34	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS

Sample Information

Client Sample ID: WQ012814:1300NP1-1-7 **York Sample ID:** 14B0012-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 1:00 pm	02/03/2014

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
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS

Sample Information

Client Sample ID: WQ012814:1300NP1-1-7 **York Sample ID:** 14B0012-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 1:00 pm	02/03/2014

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
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
127-18-4	Tetrachloroethylene	**1.1**		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	02/07/2014 09:37	02/07/2014 19:34	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.6 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*80-123*

Analytical Batch Summary

Batch ID: BB40260 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14B0012-01	WQ012814:1230NP1-1-2	02/07/14
14B0012-02	WQ012814:1240NP1-1-4	02/07/14
14B0012-03	WQ012814:1250NP1-1-6	02/07/14
14B0012-04	WQ012814:1300NP1-1-7	02/07/14
BB40260-BLK1	Blank	02/07/14
BB40260-BS1	LCS	02/07/14
BB40260-BSD1	LCS Dup	02/07/14

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB40260 - EPA 5030B											
Blank (BB40260-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	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								

Prepared & Analyzed: 02/07/2014

Volatile Organic Compounds by GC/MS - Quality Control Data

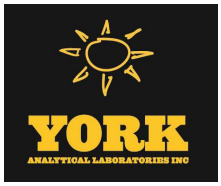
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB40260 - EPA 5030B											
Blank (BB40260-BLK1)								Prepared & Analyzed: 02/07/2014			
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	*10.0*		*"*	*10.0*		*100*	*65-133*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*80-123*				
LCS (BB40260-BS1)								Prepared & Analyzed: 02/07/2014			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	84-127				
1,1,1-Trichloroethane	10.2		"	10.0		102	80-131				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	70-133				
1,1,2-Trichloroethane	10.2		"	10.0		102	73-124				
1,1-Dichloroethane	10.3		"	10.0		103	79-123				
1,1-Dichloroethylene	9.97		"	10.0		99.7	71-123				
1,1-Dichloropropylene	10.3		"	10.0		103	73-117				
1,2,3-Trichlorobenzene	10.7		"	10.0		107	78-117				
1,2,3-Trichloropropane	10.8		"	10.0		108	68-119				
1,2,4-Trichlorobenzene	10.6		"	10.0		106	78-117				
1,2,4-Trimethylbenzene	10.3		"	10.0		103	68-134				
1,2-Dibromo-3-chloropropane	11.8		"	10.0		118	73-129				
1,2-Dibromoethane	10.9		"	10.0		109	73-139				
1,2-Dichlorobenzene	10.3		"	10.0		103	83-110				
1,2-Dichloroethane	10.7		"	10.0		107	81-120				
1,2-Dichloropropane	10.4		"	10.0		104	76-120				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	74-121				
1,3-Dichlorobenzene	10.4		"	10.0		104	82-112				
1,3-Dichloropropane	10.6		"	10.0		106	77-122				
1,4-Dichlorobenzene	10.3		"	10.0		103	83-110				
2,2-Dichloropropane	9.41		"	10.0		94.1	50-163				
2-Chlorotoluene	10.2		"	10.0		102	74-115				
2-Hexanone	11.2		"	10.0		112	65-130				
4-Chlorotoluene	10.2		"	10.0		102	77-119				
Acetone	9.28		"	10.0		92.8	54-129				
Benzene	10.4		"	10.0		104	77-122				
Bromobenzene	10.5		"	10.0		105	76-114				
Bromochloromethane	10.7		"	10.0		107	73-125				
Bromodichloromethane	10.6		"	10.0		106	83-120				
Bromoform	11.2		"	10.0		112	72-139				
Bromomethane	9.23		"	10.0		92.3	52-128				
Carbon tetrachloride	10.4		"	10.0		104	66-152				
Chlorobenzene	10.5		"	10.0		105	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 BB40260 - EPA 5030B											
LCS (BB40260-BS1)							Prepared & Analyzed: 02/07/2014				
Chloroethane	9.91		ug/L	10.0		99.1	60-124				
Chloroform	10.5		"	10.0		105	82-119				
Chloromethane	9.71		"	10.0		97.1	42-126				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	79-116				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	85-134				
Dibromochloromethane	10.8		"	10.0		108	74-151				
Dibromomethane	11.1		"	10.0		111	74-128				
Dichlorodifluoromethane	9.06		"	10.0		90.6	10-146				
Ethyl Benzene	10.4		"	10.0		104	85-125				
Hexachlorobutadiene	10.1		"	10.0		101	69-131				
Isopropylbenzene	10.2		"	10.0		102	71-128				
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	51-134				
Methylene chloride	10.1		"	10.0		101	76-122				
Naphthalene	10.8		"	10.0		108	72-127				
n-Butylbenzene	10.2		"	10.0		102	69-127				
n-Propylbenzene	10.2		"	10.0		102	70-129				
o-Xylene	10.5		"	10.0		105	83-117				
p- & m- Xylenes	20.9		"	20.0		105	80-126				
p-Isopropyltoluene	10.3		"	10.0		103	74-130				
sec-Butylbenzene	10.3		"	10.0		103	72-132				
Styrene	10.5		"	10.0		105	62-160				
tert-Butylbenzene	10.2		"	10.0		102	75-129				
Tetrachloroethylene	10.2		"	10.0		102	67-118				
Toluene	10.4		"	10.0		104	82-118				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	76-119				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	80-137				
Trichloroethylene	10.2		"	10.0		102	71-122				
Trichlorofluoromethane	9.61		"	10.0		96.1	67-130				
Vinyl Chloride	9.75		"	10.0		97.5	49-125				
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*65-133*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*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 BB40260 - EPA 5030B											
LCS Dup (BB40260-BSD1)								Prepared & Analyzed: 02/07/2014			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	84-127		4.25	30	
1,1,1-Trichloroethane	10.6		"	10.0		106	80-131		3.94	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-120		2.51	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	70-133		7.43	30	
1,1,2-Trichloroethane	9.70		"	10.0		97.0	73-124		4.83	30	
1,1-Dichloroethane	10.2		"	10.0		102	79-123		0.974	30	
1,1-Dichloroethylene	10.7		"	10.0		107	71-123		7.16	30	
1,1-Dichloropropylene	10.6		"	10.0		106	73-117		2.20	30	
1,2,3-Trichlorobenzene	10.5		"	10.0		105	78-117		2.16	30	
1,2,3-Trichloropropane	10.7		"	10.0		107	68-119		1.49	30	
1,2,4-Trichlorobenzene	10.6		"	10.0		106	78-117		0.283	30	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	68-134		0.483	30	
1,2-Dibromo-3-chloropropane	10.9		"	10.0		109	73-129		7.31	30	
1,2-Dibromoethane	10.2		"	10.0		102	73-139		6.64	30	
1,2-Dichlorobenzene	10.2		"	10.0		102	83-110		0.780	30	
1,2-Dichloroethane	10.3		"	10.0		103	81-120		4.00	30	
1,2-Dichloropropane	10.2		"	10.0		102	76-120		1.84	30	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	74-121		1.16	30	
1,3-Dichlorobenzene	10.3		"	10.0		103	82-112		0.290	30	
1,3-Dichloropropane	10.1		"	10.0		101	77-122		4.84	30	
1,4-Dichlorobenzene	10.3		"	10.0		103	83-110		0.00	30	
2,2-Dichloropropane	11.3		"	10.0		113	50-163		18.2	30	
2-Chlorotoluene	10.3		"	10.0		103	74-115		1.46	30	
2-Hexanone	10.5		"	10.0		105	65-130		7.18	30	
4-Chlorotoluene	10.2		"	10.0		102	77-119		0.784	30	
Acetone	8.40		"	10.0		84.0	54-129		9.95	30	
Benzene	10.4		"	10.0		104	77-122		0.0960	30	
Bromobenzene	10.4		"	10.0		104	76-114		1.15	30	
Bromochloromethane	10.3		"	10.0		103	73-125		3.73	30	
Bromodichloromethane	10.4		"	10.0		104	83-120		1.90	30	
Bromoform	10.6		"	10.0		106	72-139		5.77	30	
Bromomethane	8.82		"	10.0		88.2	52-128		4.54	30	
Carbon tetrachloride	10.9		"	10.0		109	66-152		5.17	30	
Chlorobenzene	10.2		"	10.0		102	85-113		3.67	30	
Chloroethane	9.61		"	10.0		96.1	60-124		3.07	30	
Chloroform	10.3		"	10.0		103	82-119		1.54	30	
Chloromethane	9.68		"	10.0		96.8	42-126		0.309	30	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	79-116		0.959	30	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	85-134		1.06	30	
Dibromochloromethane	10.5		"	10.0		105	74-151		3.38	30	
Dibromomethane	10.0		"	10.0		100	74-128		10.0	30	
Dichlorodifluoromethane	9.71		"	10.0		97.1	10-146		6.93	30	
Ethyl Benzene	10.4		"	10.0		104	85-125		0.192	30	
Hexachlorobutadiene	10.6		"	10.0		106	69-131		5.13	30	
Isopropylbenzene	10.5		"	10.0		105	71-128		2.90	30	
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	51-134		2.62	30	
Methylene chloride	9.77		"	10.0		97.7	76-122		3.52	30	
Naphthalene	10.5		"	10.0		105	72-127		3.11	30	
n-Butylbenzene	10.6		"	10.0		106	69-127		4.03	30	
n-Propylbenzene	10.6		"	10.0		106	70-129		2.98	30	
o-Xylene	10.2		"	10.0		102	83-117		2.32	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 BB40260 - EPA 5030B											
LCS Dup (BB40260-BSD1)								Prepared & Analyzed: 02/07/2014			
p- & m- Xylenes	20.8		ug/L	20.0		104	80-126		0.479	30	
p-Isopropyltoluene	10.6		"	10.0		106	74-130		2.49	30	
sec-Butylbenzene	10.6		"	10.0		106	72-132		3.16	30	
Styrene	10.2		"	10.0		102	62-160		2.32	30	
tert-Butylbenzene	10.6		"	10.0		106	75-129		3.56	30	
Tetrachloroethylene	10.5		"	10.0		105	67-118		3.39	30	
Toluene	10.4		"	10.0		104	82-118		0.673	30	
trans-1,2-Dichloroethylene	10.3		"	10.0		103	76-119		1.37	30	
trans-1,3-Dichloropropylene	10.5		"	10.0		105	80-137		1.23	30	
Trichloroethylene	10.3		"	10.0		103	71-122		1.37	30	
Trichlorofluoromethane	10.6		"	10.0		106	67-130		9.42	30	
Vinyl Chloride	9.75		"	10.0		97.5	49-125		0.00	30	
Surrogate: 1,2-Dichloroethane-d4	*9.83*		*"*	*10.0*		*98.3*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*65-133*				
Surrogate: Toluene-d8	*9.99*		*"*	*10.0*		*99.9*	*80-123*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14B0012-01	WQ012814:1230NP1-1-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14B0012-02	WQ012814:1240NP1-1-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14B0012-03	WQ012814:1250NP1-1-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14B0012-04	WQ012814:1300NP1-1-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

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.

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. 14B0012

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

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

Samples Collected/Authorized By (Signature)

STEPHEN HYAT
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot.Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full ELs	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ012814:1230NP1-1-2	1/28/14 1230	GW	VOC 8260 full list (EPA SW846-8260B)	3J
WQ012814:1240NP1-1-4	1240	GW	VOC 8260 full list (EPA SW846-8260B)	3J
WQ012814:1250NP1-1-6	1250	GW	VOC 8260 full list (EPA SW846-8260B)	3J
WQ012814:1300NP1-1-7	1300	GW	VOC 8260 full list (EPA SW846-8260B)	3J
		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 ____

				Temperature on Receipt
Samples Relinquished By	Date/Time 2/3/14 1530	Samples Received By	Date/Time 2/3/14 1530	3.0 °C
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time 2-3-14 1644	

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. 14B0012

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 HNAT
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360 Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360 Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled		Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
W20128 14:1310 FRW1	1/28/14	1210	GW	VOC 8260 full list (EPA SW846-8260B)	3V
W20128 14:1310 FRW1 MS		1310	GW	VOC 8260 full list (EPA SW846-8260B)	3V
W20128 14:1310 FRW1 MSD		1310	GW	VOC 8260 full list (EPA SW846-8260B)	3V
W20128 14:1320 FRW2		1320	GW	VOC 8260 full list (EPA SW846-8260B)	3V
W20128 14:1330 FRW3		1330	GW	VOC 8260 full list (EPA SW846-8260B)	3V
W20128 14:1340 FRW4		1340	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)	

Comments

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

Samples Relinquished By	Date/Time 2/3/14 1530	Samples Received By	Date/Time 2/3/14 1530
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time 2-3-14 1644

Temperature on Receipt 5.0 °C

Technical Report

prepared for:

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

Report Date: 02/12/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14B0012

Report Date: 02/12/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14B0012

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 February 03, 2014 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
14B0012-05	WQ012814:1310FRW1	Water	01/28/2014	02/03/2014
14B0012-06	WQ012814:1320FRW2	Water	01/28/2014	02/03/2014
14B0012-07	WQ012814:1330FRW3	Water	01/28/2014	02/03/2014
14B0012-08	WQ012814:1340FRW4	Water	01/28/2014	02/03/2014

General Notes for York Project (SDG) No.: 14B0012

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: 02/12/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: WQ012814:1310FRW1 | **York Sample ID:** 14B0012-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 1:10 pm	02/03/2014

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	02/07/2014 09:37	02/07/2014 20:03	SS
71-55-6	1,1,1-Trichloroethane	**1.0**		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11:	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS

Sample Information

Client Sample ID: WQ012814:1310FRW1 **York Sample ID:** 14B0012-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 1:10 pm	02/03/2014

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
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
156-59-2	cis-1,2-Dichloroethylene	**4.6**		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
127-18-4	Tetrachloroethylene	**78**		ug/L	2.0	5.0	10	EPA 8260C	02/07/2014 09:37	02/10/2014 11:54	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
79-01-6	Trichloroethylene	**1.8**		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS

Sample Information

Client Sample ID: WQ012814:1310FRW1 **York Sample ID:** 14B0012-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 1:10 pm	02/03/2014

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
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:03	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*80-123*

Sample Information

Client Sample ID: WQ012814:1320FRW2 **York Sample ID:** 14B0012-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 1:20 pm	02/03/2014

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	02/07/2014 09:37	02/07/2014 20:32	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS

Sample Information

Client Sample ID: WQ012814:1320FRW2 **York Sample ID:** 14B0012-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 1:20 pm	02/03/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
156-59-2	cis-1,2-Dichloroethylene	**3.6**		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS

Sample Information

Client Sample ID: WQ012814:1320FRW2 **York Sample ID:** 14B0012-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 1:20 pm	02/03/2014

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
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
127-18-4	Tetrachloroethylene	**46**		ug/L	0.40	1.0	2	EPA 8260C	02/07/2014 09:37	02/10/2014 12:23	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
79-01-6	Trichloroethylene	**3.1**		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	02/07/2014 09:37	02/07/2014 20:32	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*111 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*80-123*

Sample Information

Client Sample ID: WQ012814:1330FRW3 **York Sample ID:** 14B0012-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 1:30 pm	02/03/2014

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	02/07/2014 09:37	02/07/2014 21:01	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS

Sample Information

Client Sample ID: WQ012814:1330FRW3 **York Sample ID:** 14B0012-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 1:30 pm	02/03/2014

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
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS

Sample Information

Client Sample ID: WQ012814:1330FRW3 **York Sample ID:** 14B0012-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 1:30 pm	02/03/2014

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 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
156-59-2	cis-1,2-Dichloroethylene	**14**		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
98-82-8	Isopropylbenzene	**1.3**		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
127-18-4	Tetrachloroethylene	**31**		ug/L	0.40	1.0	2	EPA 8260C	02/07/2014 09:37	02/10/2014 12:53	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
79-01-6	Trichloroethylene	**4.7**		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:01	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*79-133*

Sample Information

Client Sample ID: WQ012814:1330FRW3 **York Sample ID:** 14B0012-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 1:30 pm	02/03/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*			*65-133*						
2037-26-5	*Surrogate: Toluene-d8*	*113 %*			*80-123*						

Sample Information

Client Sample ID: WQ012814:1340FRW4 **York Sample ID:** 14B0012-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 1:40 pm	02/03/2014

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	02/07/2014 09:37	02/07/2014 21:31	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS

Sample Information

Client Sample ID: WQ012814:1340FRW4 **York Sample ID:** 14B0012-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 1:40 pm	02/03/2014

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 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
156-59-2	cis-1,2-Dichloroethylene	**6.4**		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS

Sample Information

Client Sample ID: WQ012814:1340FRW4 **York Sample ID:** 14B0012-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0012	Rowe Industries	Water	January 28, 2014 1:40 pm	02/03/2014

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 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
127-18-4	Tetrachloroethylene	**8.9**		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
79-01-6	Trichloroethylene	**1.1**		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	02/07/2014 09:37	02/07/2014 21:31	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.1 %*	*79-133*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*65-133*
2037-26-5	*Surrogate: Toluene-d8*	*109 %*	*80-123*

Analytical Batch Summary

Batch ID: BB40260 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14B0012-05	WQ012814:1310FRW1	02/07/14
14B0012-06	WQ012814:1320FRW2	02/07/14
14B0012-07	WQ012814:1330FRW3	02/07/14
14B0012-08	WQ012814:1340FRW4	02/07/14
BB40260-BLK1	Blank	02/07/14
BB40260-BS1	LCS	02/07/14
BB40260-BSD1	LCS Dup	02/07/14
BB40260-MS1	Matrix Spike	02/07/14
BB40260-MSD1	Matrix Spike Dup	02/07/14

Batch ID: BB40309 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14B0012-05RE1	WQ012814:1310FRW1	02/10/14
14B0012-06RE1	WQ012814:1320FRW2	02/10/14
14B0012-07RE1	WQ012814:1330FRW3	02/10/14
BB40309-BLK1	Blank	02/10/14
BB40309-BS1	LCS	02/10/14
BB40309-BSD1	LCS Dup	02/10/14
BB40309-MS1	Matrix Spike	02/10/14
BB40309-MSD1	Matrix Spike Dup	02/10/14

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB40260 - EPA 5030B											
Blank (BB40260-BLK1)											Prepared & Analyzed: 02/07/2014
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	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								

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 BB40260 - EPA 5030B											
Blank (BB40260-BLK1)								Prepared & Analyzed: 02/07/2014			
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	*10.0*		*"*	*10.0*		*100*	*65-133*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*80-123*				
LCS (BB40260-BS1)								Prepared & Analyzed: 02/07/2014			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	84-127				
1,1,1-Trichloroethane	10.2		"	10.0		102	80-131				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	70-133				
1,1,2-Trichloroethane	10.2		"	10.0		102	73-124				
1,1-Dichloroethane	10.3		"	10.0		103	79-123				
1,1-Dichloroethylene	9.97		"	10.0		99.7	71-123				
1,1-Dichloropropylene	10.3		"	10.0		103	73-117				
1,2,3-Trichlorobenzene	10.7		"	10.0		107	78-117				
1,2,3-Trichloropropane	10.8		"	10.0		108	68-119				
1,2,4-Trichlorobenzene	10.6		"	10.0		106	78-117				
1,2,4-Trimethylbenzene	10.3		"	10.0		103	68-134				
1,2-Dibromo-3-chloropropane	11.8		"	10.0		118	73-129				
1,2-Dibromoethane	10.9		"	10.0		109	73-139				
1,2-Dichlorobenzene	10.3		"	10.0		103	83-110				
1,2-Dichloroethane	10.7		"	10.0		107	81-120				
1,2-Dichloropropane	10.4		"	10.0		104	76-120				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	74-121				
1,3-Dichlorobenzene	10.4		"	10.0		104	82-112				
1,3-Dichloropropane	10.6		"	10.0		106	77-122				
1,4-Dichlorobenzene	10.3		"	10.0		103	83-110				
2,2-Dichloropropane	9.41		"	10.0		94.1	50-163				
2-Chlorotoluene	10.2		"	10.0		102	74-115				
2-Hexanone	11.2		"	10.0		112	65-130				
4-Chlorotoluene	10.2		"	10.0		102	77-119				
Acetone	9.28		"	10.0		92.8	54-129				
Benzene	10.4		"	10.0		104	77-122				
Bromobenzene	10.5		"	10.0		105	76-114				
Bromochloromethane	10.7		"	10.0		107	73-125				
Bromodichloromethane	10.6		"	10.0		106	83-120				
Bromoform	11.2		"	10.0		112	72-139				
Bromomethane	9.23		"	10.0		92.3	52-128				
Carbon tetrachloride	10.4		"	10.0		104	66-152				
Chlorobenzene	10.5		"	10.0		105	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 BB40260 - EPA 5030B											
LCS (BB40260-BS1)								Prepared & Analyzed: 02/07/2014			
Chloroethane	9.91		ug/L	10.0		99.1	60-124				
Chloroform	10.5		"	10.0		105	82-119				
Chloromethane	9.71		"	10.0		97.1	42-126				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	79-116				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	85-134				
Dibromochloromethane	10.8		"	10.0		108	74-151				
Dibromomethane	11.1		"	10.0		111	74-128				
Dichlorodifluoromethane	9.06		"	10.0		90.6	10-146				
Ethyl Benzene	10.4		"	10.0		104	85-125				
Hexachlorobutadiene	10.1		"	10.0		101	69-131				
Isopropylbenzene	10.2		"	10.0		102	71-128				
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	51-134				
Methylene chloride	10.1		"	10.0		101	76-122				
Naphthalene	10.8		"	10.0		108	72-127				
n-Butylbenzene	10.2		"	10.0		102	69-127				
n-Propylbenzene	10.2		"	10.0		102	70-129				
o-Xylene	10.5		"	10.0		105	83-117				
p- & m- Xylenes	20.9		"	20.0		105	80-126				
p-Isopropyltoluene	10.3		"	10.0		103	74-130				
sec-Butylbenzene	10.3		"	10.0		103	72-132				
Styrene	10.5		"	10.0		105	62-160				
tert-Butylbenzene	10.2		"	10.0		102	75-129				
Tetrachloroethylene	10.2		"	10.0		102	67-118				
Toluene	10.4		"	10.0		104	82-118				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	76-119				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	80-137				
Trichloroethylene	10.2		"	10.0		102	71-122				
Trichlorofluoromethane	9.61		"	10.0		96.1	67-130				
Vinyl Chloride	9.75		"	10.0		97.5	49-125				
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*65-133*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*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 BB40260 - EPA 5030B

LCS Dup (BB40260-BSD1) Prepared & Analyzed: 02/07/2014

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	84-127		4.25	30	
1,1,1-Trichloroethane	10.6		"	10.0		106	80-131		3.94	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-120		2.51	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	70-133		7.43	30	
1,1,2-Trichloroethane	9.70		"	10.0		97.0	73-124		4.83	30	
1,1-Dichloroethane	10.2		"	10.0		102	79-123		0.974	30	
1,1-Dichloroethylene	10.7		"	10.0		107	71-123		7.16	30	
1,1-Dichloropropylene	10.6		"	10.0		106	73-117		2.20	30	
1,2,3-Trichlorobenzene	10.5		"	10.0		105	78-117		2.16	30	
1,2,3-Trichloropropane	10.7		"	10.0		107	68-119		1.49	30	
1,2,4-Trichlorobenzene	10.6		"	10.0		106	78-117		0.283	30	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	68-134		0.483	30	
1,2-Dibromo-3-chloropropane	10.9		"	10.0		109	73-129		7.31	30	
1,2-Dibromoethane	10.2		"	10.0		102	73-139		6.64	30	
1,2-Dichlorobenzene	10.2		"	10.0		102	83-110		0.780	30	
1,2-Dichloroethane	10.3		"	10.0		103	81-120		4.00	30	
1,2-Dichloropropane	10.2		"	10.0		102	76-120		1.84	30	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	74-121		1.16	30	
1,3-Dichlorobenzene	10.3		"	10.0		103	82-112		0.290	30	
1,3-Dichloropropane	10.1		"	10.0		101	77-122		4.84	30	
1,4-Dichlorobenzene	10.3		"	10.0		103	83-110		0.00	30	
2,2-Dichloropropane	11.3		"	10.0		113	50-163		18.2	30	
2-Chlorotoluene	10.3		"	10.0		103	74-115		1.46	30	
2-Hexanone	10.5		"	10.0		105	65-130		7.18	30	
4-Chlorotoluene	10.2		"	10.0		102	77-119		0.784	30	
Acetone	8.40		"	10.0		84.0	54-129		9.95	30	
Benzene	10.4		"	10.0		104	77-122		0.0960	30	
Bromobenzene	10.4		"	10.0		104	76-114		1.15	30	
Bromochloromethane	10.3		"	10.0		103	73-125		3.73	30	
Bromodichloromethane	10.4		"	10.0		104	83-120		1.90	30	
Bromoform	10.6		"	10.0		106	72-139		5.77	30	
Bromomethane	8.82		"	10.0		88.2	52-128		4.54	30	
Carbon tetrachloride	10.9		"	10.0		109	66-152		5.17	30	
Chlorobenzene	10.2		"	10.0		102	85-113		3.67	30	
Chloroethane	9.61		"	10.0		96.1	60-124		3.07	30	
Chloroform	10.3		"	10.0		103	82-119		1.54	30	
Chloromethane	9.68		"	10.0		96.8	42-126		0.309	30	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	79-116		0.959	30	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	85-134		1.06	30	
Dibromochloromethane	10.5		"	10.0		105	74-151		3.38	30	
Dibromomethane	10.0		"	10.0		100	74-128		10.0	30	
Dichlorodifluoromethane	9.71		"	10.0		97.1	10-146		6.93	30	
Ethyl Benzene	10.4		"	10.0		104	85-125		0.192	30	
Hexachlorobutadiene	10.6		"	10.0		106	69-131		5.13	30	
Isopropylbenzene	10.5		"	10.0		105	71-128		2.90	30	
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	51-134		2.62	30	
Methylene chloride	9.77		"	10.0		97.7	76-122		3.52	30	
Naphthalene	10.5		"	10.0		105	72-127		3.11	30	
n-Butylbenzene	10.6		"	10.0		106	69-127		4.03	30	
n-Propylbenzene	10.6		"	10.0		106	70-129		2.98	30	
o-Xylene	10.2		"	10.0		102	83-117		2.32	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

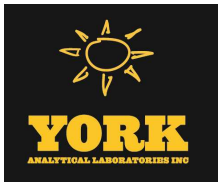
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB40260 - EPA 5030B											
LCS Dup (BB40260-BSD1)								Prepared & Analyzed: 02/07/2014			
p- & m- Xylenes	20.8		ug/L	20.0		104	80-126		0.479	30	
p-Isopropyltoluene	10.6		"	10.0		106	74-130		2.49	30	
sec-Butylbenzene	10.6		"	10.0		106	72-132		3.16	30	
Styrene	10.2		"	10.0		102	62-160		2.32	30	
tert-Butylbenzene	10.6		"	10.0		106	75-129		3.56	30	
Tetrachloroethylene	10.5		"	10.0		105	67-118		3.39	30	
Toluene	10.4		"	10.0		104	82-118		0.673	30	
trans-1,2-Dichloroethylene	10.3		"	10.0		103	76-119		1.37	30	
trans-1,3-Dichloropropylene	10.5		"	10.0		105	80-137		1.23	30	
Trichloroethylene	10.3		"	10.0		103	71-122		1.37	30	
Trichlorofluoromethane	10.6		"	10.0		106	67-130		9.42	30	
Vinyl Chloride	9.75		"	10.0		97.5	49-125		0.00	30	
Surrogate: 1,2-Dichloroethane-d4	*9.83*		*"*	*10.0*		*98.3*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*65-133*				
Surrogate: Toluene-d8	*9.99*		*"*	*10.0*		*99.9*	*80-123*				
Matrix Spike (BB40260-MS1)	*Source sample: 14B0012-05 (WQ012814:1310FRW1)							Prepared & Analyzed: 02/07/2014			
1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0	ND	112	82-126				
1,1,1-Trichloroethane	11.4		"	10.0	1.05	104	60-145				
1,1,2,2-Tetrachloroethane	11.7		"	10.0	ND	117	77-124				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0	ND	113	50-147				
1,1,2-Trichloroethane	17.3		"	10.0	ND	173	75-126	High Bias			
1,1-Dichloroethane	10.3		"	10.0	ND	103	76-132				
1,1-Dichloroethylene	10.1		"	10.0	ND	101	68-128				
1,1-Dichloropropylene	10.5		"	10.0	ND	105	80-116				
1,2,3-Trichlorobenzene	10.8		"	10.0	ND	108	59-137				
1,2,3-Trichloropropane	12.2		"	10.0	ND	122	64-144				
1,2,4-Trichlorobenzene	10.6		"	10.0	ND	106	62-132				
1,2,4-Trimethylbenzene	10.7		"	10.0	ND	107	68-138				
1,2-Dibromo-3-chloropropane	12.1		"	10.0	ND	121	46-190				
1,2-Dibromoethane	11.6		"	10.0	ND	116	77-129				
1,2-Dichlorobenzene	10.9		"	10.0	ND	109	81-111				
1,2-Dichloroethane	10.9		"	10.0	ND	109	76-129				
1,2-Dichloropropane	10.9		"	10.0	ND	109	78-123				
1,3,5-Trimethylbenzene	10.7		"	10.0	ND	107	74-128				
1,3-Dichlorobenzene	10.7		"	10.0	ND	107	76-115				
1,3-Dichloropropane	11.8		"	10.0	ND	118	78-124				
1,4-Dichlorobenzene	10.7		"	10.0	ND	107	76-114				
2,2-Dichloropropane	8.94		"	10.0	ND	89.4	35-139				
2-Chlorotoluene	10.7		"	10.0	ND	107	74-119				
2-Hexanone	12.4		"	10.0	ND	124	54-145				
4-Chlorotoluene	10.6		"	10.0	ND	106	78-123				
Acetone	9.76		"	10.0	ND	97.6	19-137				
Benzene	10.5		"	10.0	ND	105	83-121				
Bromobenzene	11.2		"	10.0	ND	112	74-121				
Bromochloromethane	10.6		"	10.0	ND	106	71-134				
Bromodichloromethane	11.3		"	10.0	ND	113	83-127				
Bromoform	12.3		"	10.0	ND	123	68-138				
Bromomethane	8.19		"	10.0	ND	81.9	14-125				
Carbon tetrachloride	10.9		"	10.0	ND	109	77-139				
Chlorobenzene	11.0		"	10.0	ND	110	88-111				
Chloroethane	9.78		"	10.0	ND	97.8	63-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB40260 - EPA 5030B											
Matrix Spike (BB40260-MS1)	*Source sample: 14B0012-05 (WQ012814:1310FRW1)							Prepared & Analyzed: 02/07/2014			
Chloroform	10.6		ug/L	10.0	ND	106	62-138				
Chloromethane	8.79		"	10.0	ND	87.9	46-121				
cis-1,2-Dichloroethylene	15.9		"	10.0	4.58	114	58-137				
cis-1,3-Dichloropropylene	10.8		"	10.0	ND	108	72-131				
Dibromochloromethane	11.9		"	10.0	ND	119	81-133				
Dibromomethane	11.9		"	10.0	ND	119	76-136				
Dichlorodifluoromethane	8.21		"	10.0	ND	82.1	10-150				
Ethyl Benzene	11.0		"	10.0	ND	110	87-122				
Hexachlorobutadiene	10.6		"	10.0	ND	106	68-134				
Isopropylbenzene	10.8		"	10.0	ND	108	75-126				
Methyl tert-butyl ether (MTBE)	11.2		"	10.0	ND	112	67-130				
Methylene chloride	9.47		"	10.0	ND	94.7	20-158				
Naphthalene	11.4		"	10.0	ND	114	51-151				
n-Butylbenzene	10.7		"	10.0	ND	107	72-124				
n-Propylbenzene	10.8		"	10.0	ND	108	76-123				
o-Xylene	10.9		"	10.0	ND	109	82-121				
p- & m- Xylenes	21.9		"	20.0	ND	109	83-128				
p-Isopropyltoluene	10.8		"	10.0	ND	108	74-129				
sec-Butylbenzene	11.0		"	10.0	ND	110	80-125				
Styrene	10.9		"	10.0	ND	109	51-181				
tert-Butylbenzene	11.0		"	10.0	ND	110	78-126				
Tetrachloroethylene	98.3		"	10.0	78.1	202	73-118	High Bias			
Toluene	10.8		"	10.0	ND	108	81-118				
trans-1,2-Dichloroethylene	10.3		"	10.0	ND	103	66-128				
trans-1,3-Dichloropropylene	11.2		"	10.0	ND	112	70-129				
Trichloroethylene	12.6		"	10.0	1.76	109	84-120				
Trichlorofluoromethane	10.5		"	10.0	ND	105	68-129				
Vinyl Chloride	9.54		"	10.0	ND	95.4	49-123				
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*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 BB40260 - EPA 5030B											
Matrix Spike Dup (BB40260-MSD1)	*Source sample: 14B0012-05 (WQ012814:1310FRW1)								Prepared & Analyzed: 02/07/2014		
1,1,1,2-Tetrachloroethane	11.1		ug/L	10.0	ND	111	82-126		1.61	30	
1,1,1-Trichloroethane	11.1		"	10.0	1.05	100	60-145		2.93	30	
1,1,2,2-Tetrachloroethane	10.9		"	10.0	ND	109	77-124		7.01	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0	ND	110	50-147		2.97	30	
1,1,2-Trichloroethane	17.4		"	10.0	ND	174	75-126	High Bias	0.749	30	
1,1-Dichloroethane	10.1		"	10.0	ND	101	76-132		2.75	30	
1,1-Dichloroethylene	9.90		"	10.0	ND	99.0	68-128		1.80	30	
1,1-Dichloropropylene	10.3		"	10.0	ND	103	80-116		1.54	30	
1,2,3-Trichlorobenzene	10.7		"	10.0	ND	107	59-137		0.558	30	
1,2,3-Trichloropropane	11.8		"	10.0	ND	118	64-144		4.09	30	
1,2,4-Trichlorobenzene	10.5		"	10.0	ND	105	62-132		1.14	30	
1,2,4-Trimethylbenzene	10.5		"	10.0	ND	105	68-138		1.60	30	
1,2-Dibromo-3-chloropropane	11.7		"	10.0	ND	117	46-190		3.44	30	
1,2-Dibromoethane	11.0		"	10.0	ND	110	77-129		5.57	30	
1,2-Dichlorobenzene	10.6		"	10.0	ND	106	81-111		2.42	30	
1,2-Dichloroethane	10.2		"	10.0	ND	102	76-129		6.34	30	
1,2-Dichloropropane	10.6		"	10.0	ND	106	78-123		3.35	30	
1,3,5-Trimethylbenzene	10.6		"	10.0	ND	106	74-128		0.936	30	
1,3-Dichlorobenzene	10.5		"	10.0	ND	105	76-115		1.79	30	
1,3-Dichloropropane	11.1		"	10.0	ND	111	78-124		5.78	30	
1,4-Dichlorobenzene	10.6		"	10.0	ND	106	76-114		1.22	30	
2,2-Dichloropropane	8.55		"	10.0	ND	85.5	35-139		4.46	30	
2-Chlorotoluene	10.6		"	10.0	ND	106	74-119		0.658	30	
2-Hexanone	11.3		"	10.0	ND	113	54-145		9.52	30	
4-Chlorotoluene	10.4		"	10.0	ND	104	78-123		1.91	30	
Acetone	8.82		"	10.0	ND	88.2	19-137		10.1	30	
Benzene	10.2		"	10.0	ND	102	83-121		3.48	30	
Bromobenzene	10.8		"	10.0	ND	108	74-121		3.00	30	
Bromochloromethane	10.2		"	10.0	ND	102	71-134		4.24	30	
Bromodichloromethane	10.8		"	10.0	ND	108	83-127		4.98	30	
Bromoform	11.2		"	10.0	ND	112	68-138		8.84	30	
Bromomethane	8.23		"	10.0	ND	82.3	14-125		0.487	30	
Carbon tetrachloride	10.6		"	10.0	ND	106	77-139		2.80	30	
Chlorobenzene	10.6		"	10.0	ND	106	88-111		3.24	30	
Chloroethane	10.7		"	10.0	ND	107	63-130		8.70	30	
Chloroform	10.0		"	10.0	ND	100	62-138		5.35	30	
Chloromethane	8.43		"	10.0	ND	84.3	46-121		4.18	30	
cis-1,2-Dichloroethylene	15.7		"	10.0	4.58	111	58-137		1.52	30	
cis-1,3-Dichloropropylene	10.3		"	10.0	ND	103	72-131		4.83	30	
Dibromochloromethane	11.3		"	10.0	ND	113	81-133		5.51	30	
Dibromomethane	10.9		"	10.0	ND	109	76-136		8.78	30	
Dichlorodifluoromethane	7.68		"	10.0	ND	76.8	10-150		6.67	30	
Ethyl Benzene	10.8		"	10.0	ND	108	87-122		1.65	30	
Hexachlorobutadiene	10.7		"	10.0	ND	107	68-134		0.468	30	
Isopropylbenzene	10.7		"	10.0	ND	107	75-126		1.12	30	
Methyl tert-butyl ether (MTBE)	10.3		"	10.0	ND	103	67-130		8.43	30	
Methylene chloride	9.03		"	10.0	ND	90.3	20-158		4.76	30	
Naphthalene	10.9		"	10.0	ND	109	51-151		4.39	30	
n-Butylbenzene	10.6		"	10.0	ND	106	72-124		0.748	30	
n-Propylbenzene	10.7		"	10.0	ND	107	76-123		1.12	30	
o-Xylene	10.7		"	10.0	ND	107	82-121		2.04	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 BB40260 - EPA 5030B											
Matrix Spike Dup (BB40260-MSD1)	*Source sample: 14B0012-05 (WQ012814:1310FRW1)								Prepared & Analyzed: 02/07/2014		
p- & m- Xylenes	21.4		ug/L	20.0	ND	107	83-128		2.12	30	
p-Isopropyltoluene	10.7		"	10.0	ND	107	74-129		1.12	30	
sec-Butylbenzene	10.9		"	10.0	ND	109	80-125		0.917	30	
Styrene	10.7		"	10.0	ND	107	51-181		2.04	30	
tert-Butylbenzene	10.8		"	10.0	ND	108	78-126		1.28	30	
Tetrachloroethylene	112		"	10.0	78.1	338	73-118	High Bias	12.9	30	
Toluene	10.6		"	10.0	ND	106	81-118		2.15	30	
trans-1,2-Dichloroethylene	9.85		"	10.0	ND	98.5	66-128		4.17	30	
trans-1,3-Dichloropropylene	10.5		"	10.0	ND	105	70-129		6.09	30	
Trichloroethylene	12.6		"	10.0	1.76	108	84-120		0.317	30	
Trichlorofluoromethane	9.94		"	10.0	ND	99.4	68-129		5.67	30	
Vinyl Chloride	9.20		"	10.0	ND	92.0	49-123		3.63	30	
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*79-133*				
Surrogate: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*65-133*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*80-123*				
Batch BB40309 - EPA 5030B											
Blank (BB40309-BLK1)									Prepared & Analyzed: 02/10/2014		
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	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								

Volatile Organic Compounds by 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 BB40309 - EPA 5030B											
Blank (BB40309-BLK1)											Prepared & Analyzed: 02/10/2014
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	*9.36*		*"*	*10.0*		*93.6*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*65-133*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*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 BB40309 - EPA 5030B											
LCS (BB40309-BS1)							Prepared & Analyzed: 02/10/2014				
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	84-127				
1,1,1-Trichloroethane	9.99		"	10.0		99.9	80-131				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	70-133				
1,1,2-Trichloroethane	9.67		"	10.0		96.7	73-124				
1,1-Dichloroethane	9.77		"	10.0		97.7	79-123				
1,1-Dichloroethylene	9.62		"	10.0		96.2	71-123				
1,1-Dichloropropylene	10.1		"	10.0		101	73-117				
1,2,3-Trichlorobenzene	10.4		"	10.0		104	78-117				
1,2,3-Trichloropropane	10.6		"	10.0		106	68-119				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	78-117				
1,2,4-Trimethylbenzene	10.8		"	10.0		108	68-134				
1,2-Dibromo-3-chloropropane	11.3		"	10.0		113	73-129				
1,2-Dibromoethane	10.4		"	10.0		104	73-139				
1,2-Dichlorobenzene	10.3		"	10.0		103	83-110				
1,2-Dichloroethane	9.89		"	10.0		98.9	81-120				
1,2-Dichloropropane	10.4		"	10.0		104	76-120				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	74-121				
1,3-Dichlorobenzene	10.5		"	10.0		105	82-112				
1,3-Dichloropropane	10.3		"	10.0		103	77-122				
1,4-Dichlorobenzene	10.5		"	10.0		105	83-110				
2,2-Dichloropropane	10.8		"	10.0		108	50-163				
2-Chlorotoluene	10.6		"	10.0		106	74-115				
2-Hexanone	10.3		"	10.0		103	65-130				
4-Chlorotoluene	10.6		"	10.0		106	77-119				
Acetone	6.75		"	10.0		67.5	54-129				
Benzene	9.99		"	10.0		99.9	77-122				
Bromobenzene	10.7		"	10.0		107	76-114				
Bromochloromethane	9.85		"	10.0		98.5	73-125				
Bromodichloromethane	10.5		"	10.0		105	83-120				
Bromoform	10.6		"	10.0		106	72-139				
Bromomethane	8.93		"	10.0		89.3	52-128				
Carbon tetrachloride	10.1		"	10.0		101	66-152				
Chlorobenzene	10.3		"	10.0		103	85-113				
Chloroethane	9.73		"	10.0		97.3	60-124				
Chloroform	9.96		"	10.0		99.6	82-119				
Chloromethane	9.26		"	10.0		92.6	42-126				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	79-116				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	85-134				
Dibromochloromethane	10.6		"	10.0		106	74-151				
Dibromomethane	10.2		"	10.0		102	74-128				
Dichlorodifluoromethane	9.06		"	10.0		90.6	10-146				
Ethyl Benzene	10.6		"	10.0		106	85-125				
Hexachlorobutadiene	10.6		"	10.0		106	69-131				
Isopropylbenzene	10.8		"	10.0		108	71-128				
Methyl tert-butyl ether (MTBE)	9.59		"	10.0		95.9	51-134				
Methylene chloride	9.16		"	10.0		91.6	76-122				
Naphthalene	10.3		"	10.0		103	72-127				
n-Butylbenzene	10.9		"	10.0		109	69-127				
n-Propylbenzene	10.9		"	10.0		109	70-129				
o-Xylene	10.5		"	10.0		105	83-117				

Volatile Organic Compounds by GC/MS - Quality Control Data

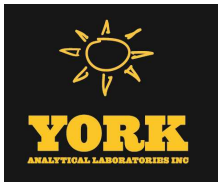
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB40309 - EPA 5030B											
LCS (BB40309-BS1)							Prepared & Analyzed: 02/10/2014				
p- & m- Xylenes	21.2		ug/L	20.0		106	80-126				
p-Isopropyltoluene	10.8		"	10.0		108	74-130				
sec-Butylbenzene	10.9		"	10.0		109	72-132				
Styrene	10.5		"	10.0		105	62-160				
tert-Butylbenzene	10.9		"	10.0		109	75-129				
Tetrachloroethylene	10.3		"	10.0		103	67-118				
Toluene	10.4		"	10.0		104	82-118				
trans-1,2-Dichloroethylene	9.83		"	10.0		98.3	76-119				
trans-1,3-Dichloropropylene	10.5		"	10.0		105	80-137				
Trichloroethylene	10.5		"	10.0		105	71-122				
Trichlorofluoromethane	9.84		"	10.0		98.4	67-130				
Vinyl Chloride	9.44		"	10.0		94.4	49-125				
Surrogate: 1,2-Dichloroethane-d4	*9.76*		*"*	*10.0*		*97.6*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*65-133*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*80-123*				
LCS Dup (BB40309-BSD1)							Prepared & Analyzed: 02/10/2014				
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	84-127		5.63	30	
1,1,1-Trichloroethane	10.3		"	10.0		103	80-131		3.25	30	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-120		4.53	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	70-133		3.67	30	
1,1,2-Trichloroethane	10.2		"	10.0		102	73-124		5.33	30	
1,1-Dichloroethane	10.2		"	10.0		102	79-123		4.01	30	
1,1-Dichloroethylene	9.91		"	10.0		99.1	71-123		2.97	30	
1,1-Dichloropropylene	10.3		"	10.0		103	73-117		2.05	30	
1,2,3-Trichlorobenzene	10.8		"	10.0		108	78-117		3.39	30	
1,2,3-Trichloropropane	11.0		"	10.0		110	68-119		3.33	30	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	78-117		4.43	30	
1,2,4-Trimethylbenzene	11.0		"	10.0		110	68-134		2.12	30	
1,2-Dibromo-3-chloropropane	11.6		"	10.0		116	73-129		2.45	30	
1,2-Dibromoethane	10.7		"	10.0		107	73-139		3.42	30	
1,2-Dichlorobenzene	10.6		"	10.0		106	83-110		2.87	30	
1,2-Dichloroethane	10.1		"	10.0		101	81-120		2.40	30	
1,2-Dichloropropane	10.8		"	10.0		108	76-120		3.50	30	
1,3,5-Trimethylbenzene	11.0		"	10.0		110	74-121		1.56	30	
1,3-Dichlorobenzene	10.7		"	10.0		107	82-112		1.79	30	
1,3-Dichloropropane	10.5		"	10.0		105	77-122		1.35	30	
1,4-Dichlorobenzene	10.8		"	10.0		108	83-110		2.92	30	
2,2-Dichloropropane	11.0		"	10.0		110	50-163		1.47	30	
2-Chlorotoluene	10.8		"	10.0		108	74-115		1.86	30	
2-Hexanone	10.9		"	10.0		109	65-130		5.47	30	
4-Chlorotoluene	10.8		"	10.0		108	77-119		2.24	30	
Acetone	7.37		"	10.0		73.7	54-129		8.78	30	
Benzene	10.3		"	10.0		103	77-122		2.76	30	
Bromobenzene	10.9		"	10.0		109	76-114		1.57	30	
Bromochloromethane	10.1		"	10.0		101	73-125		2.21	30	
Bromodichloromethane	10.9		"	10.0		109	83-120		3.36	30	
Bromoform	11.1		"	10.0		111	72-139		4.25	30	
Bromomethane	9.31		"	10.0		93.1	52-128		4.17	30	
Carbon tetrachloride	10.7		"	10.0		107	66-152		5.38	30	
Chlorobenzene	10.7		"	10.0		107	85-113		3.80	30	
Chloroethane	9.74		"	10.0		97.4	60-124		0.103	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 BB40309 - EPA 5030B											
LCS Dup (BB40309-BSD1)								Prepared & Analyzed: 02/10/2014			
Chloroform	10.2		ug/L	10.0		102	82-119		2.28	30	
Chloromethane	9.34		"	10.0		93.4	42-126		0.860	30	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	79-116		2.52	30	
cis-1,3-Dichloropropylene	10.8		"	10.0		108	85-134		3.67	30	
Dibromochloromethane	11.0		"	10.0		110	74-151		3.33	30	
Dibromomethane	11.0		"	10.0		110	74-128		7.44	30	
Dichlorodifluoromethane	9.18		"	10.0		91.8	10-146		1.32	30	
Ethyl Benzene	10.9		"	10.0		109	85-125		3.07	30	
Hexachlorobutadiene	11.0		"	10.0		110	69-131		3.78	30	
Isopropylbenzene	11.0		"	10.0		110	71-128		2.20	30	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	51-134		4.78	30	
Methylene chloride	9.59		"	10.0		95.9	76-122		4.59	30	
Naphthalene	10.7		"	10.0		107	72-127		3.52	30	
n-Butylbenzene	11.1		"	10.0		111	69-127		1.91	30	
n-Propylbenzene	11.0		"	10.0		110	70-129		1.55	30	
o-Xylene	10.9		"	10.0		109	83-117		3.75	30	
p- & m- Xylenes	22.0		"	20.0		110	80-126		3.76	30	
p-Isopropyltoluene	11.1		"	10.0		111	74-130		2.74	30	
sec-Butylbenzene	11.1		"	10.0		111	72-132		1.82	30	
Styrene	10.9		"	10.0		109	62-160		3.75	30	
tert-Butylbenzene	11.0		"	10.0		110	75-129		1.37	30	
Tetrachloroethylene	10.6		"	10.0		106	67-118		3.15	30	
Toluene	10.9		"	10.0		109	82-118		4.60	30	
trans-1,2-Dichloroethylene	10.1		"	10.0		101	76-119		2.51	30	
trans-1,3-Dichloropropylene	10.9		"	10.0		109	80-137		4.21	30	
Trichloroethylene	10.9		"	10.0		109	71-122		3.56	30	
Trichlorofluoromethane	10.2		"	10.0		102	67-130		3.30	30	
Vinyl Chloride	9.97		"	10.0		99.7	49-125		5.46	30	
Surrogate: 1,2-Dichloroethane-d4	*9.94*		*"*	*10.0*		*99.4*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*65-133*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*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 BB40309 - EPA 5030B											
Matrix Spike (BB40309-MS1)	*Source sample: 14B0012-05RE1 (WQ012814:1310FRW1)							Prepared & Analyzed: 02/10/2014			
1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0	ND	112	82-126				
1,1,1-Trichloroethane	10.7		"	10.0	ND	107	60-145				
1,1,2,2-Tetrachloroethane	11.5		"	10.0	ND	115	77-124				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0	ND	114	50-147				
1,1,2-Trichloroethane	11.0		"	10.0	ND	110	75-126				
1,1-Dichloroethane	10.3		"	10.0	ND	103	76-132				
1,1-Dichloroethylene	10.5		"	10.0	ND	105	68-128				
1,1-Dichloropropylene	10.8		"	10.0	ND	108	80-116				
1,2,3-Trichlorobenzene	11.0		"	10.0	ND	110	59-137				
1,2,3-Trichloropropane	12.0		"	10.0	ND	120	64-144				
1,2,4-Trichlorobenzene	10.8		"	10.0	ND	108	62-132				
1,2,4-Trimethylbenzene	10.8		"	10.0	ND	108	68-138				
1,2-Dibromo-3-chloropropane	17.5		"	10.0	ND	175	46-190				
1,2-Dibromoethane	11.4		"	10.0	ND	114	77-129				
1,2-Dichlorobenzene	10.8		"	10.0	ND	108	81-111				
1,2-Dichloroethane	10.8		"	10.0	ND	108	76-129				
1,2-Dichloropropane	10.7		"	10.0	ND	107	78-123				
1,3,5-Trimethylbenzene	10.8		"	10.0	ND	108	74-128				
1,3-Dichlorobenzene	10.7		"	10.0	ND	107	76-115				
1,3-Dichloropropane	11.2		"	10.0	ND	112	78-124				
1,4-Dichlorobenzene	10.6		"	10.0	ND	106	76-114				
2,2-Dichloropropane	9.87		"	10.0	ND	98.7	35-139				
2-Chlorotoluene	10.6		"	10.0	ND	106	74-119				
2-Hexanone	11.9		"	10.0	ND	119	54-145				
4-Chlorotoluene	10.6		"	10.0	ND	106	78-123				
Acetone	9.57		"	10.0	ND	95.7	19-137				
Benzene	10.5		"	10.0	ND	105	83-121				
Bromobenzene	10.9		"	10.0	ND	109	74-121				
Bromochloromethane	10.6		"	10.0	ND	106	71-134				
Bromodichloromethane	11.0		"	10.0	ND	110	83-127				
Bromoform	12.0		"	10.0	ND	120	68-138				
Bromomethane	7.47		"	10.0	ND	74.7	14-125				
Carbon tetrachloride	11.0		"	10.0	ND	110	77-139				
Chlorobenzene	10.8		"	10.0	ND	108	88-111				
Chloroethane	9.89		"	10.0	ND	98.9	63-130				
Chloroform	10.5		"	10.0	ND	105	62-138				
Chloromethane	8.76		"	10.0	ND	87.6	46-121				
cis-1,2-Dichloroethylene	10.8		"	10.0	ND	108	58-137				
cis-1,3-Dichloropropylene	10.8		"	10.0	ND	108	72-131				
Dibromochloromethane	11.3		"	10.0	ND	113	81-133				
Dibromomethane	11.8		"	10.0	ND	118	76-136				
Dichlorodifluoromethane	7.73		"	10.0	ND	77.3	10-150				
Ethyl Benzene	10.9		"	10.0	ND	109	87-122				
Hexachlorobutadiene	11.1		"	10.0	ND	111	68-134				
Isopropylbenzene	10.8		"	10.0	ND	108	75-126				
Methyl tert-butyl ether (MTBE)	11.0		"	10.0	ND	110	67-130				
Methylene chloride	10.1		"	10.0	ND	101	20-158				
Naphthalene	11.2		"	10.0	ND	112	51-151				
n-Butylbenzene	11.0		"	10.0	ND	110	72-124				
n-Propylbenzene	10.9		"	10.0	ND	109	76-123				
o-Xylene	10.8		"	10.0	ND	108	82-121				

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 BB40309 - EPA 5030B											
Matrix Spike (BB40309-MS1)	*Source sample: 14B0012-05RE1 (WQ012814:1310FRW1)							Prepared & Analyzed: 02/10/2014			
p- & m- Xylenes	21.8		ug/L	20.0	ND	109	83-128				
p-Isopropyltoluene	10.9		"	10.0	ND	109	74-129				
sec-Butylbenzene	11.1		"	10.0	ND	111	80-125				
Styrene	10.8		"	10.0	ND	108	51-181				
tert-Butylbenzene	10.9		"	10.0	ND	109	78-126				
Tetrachloroethylene	18.1		"	10.0	7.81	103	73-118				
Toluene	10.8		"	10.0	ND	108	81-118				
trans-1,2-Dichloroethylene	10.3		"	10.0	ND	103	66-128				
trans-1,3-Dichloropropylene	11.1		"	10.0	ND	111	70-129				
Trichloroethylene	10.8		"	10.0	ND	108	84-120				
Trichlorofluoromethane	10.5		"	10.0	ND	105	68-129				
Vinyl Chloride	9.39		"	10.0	ND	93.9	49-123				
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*79-133*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*65-133*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*80-123*				
Matrix Spike Dup (BB40309-MSD1)	*Source sample: 14B0012-05RE1 (WQ012814:1310FRW1)							Prepared & Analyzed: 02/10/2014			
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0	ND	110	82-126		1.26	30	
1,1,1-Trichloroethane	10.5		"	10.0	ND	105	60-145		1.89	30	
1,1,2,2-Tetrachloroethane	10.7		"	10.0	ND	107	77-124		6.49	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0	ND	114	50-147		0.615	30	
1,1,2-Trichloroethane	10.6		"	10.0	ND	106	75-126		3.14	30	
1,1-Dichloroethane	9.96		"	10.0	ND	99.6	76-132		3.65	30	
1,1-Dichloroethylene	10.0		"	10.0	ND	100	68-128		5.06	30	
1,1-Dichloropropylene	10.5		"	10.0	ND	105	80-116		2.91	30	
1,2,3-Trichlorobenzene	10.6		"	10.0	ND	106	59-137		4.44	30	
1,2,3-Trichloropropane	10.9		"	10.0	ND	109	64-144		8.99	30	
1,2,4-Trichlorobenzene	10.3		"	10.0	ND	103	62-132		4.63	30	
1,2,4-Trimethylbenzene	10.6		"	10.0	ND	106	68-138		1.59	30	
1,2-Dibromo-3-chloropropane	11.5		"	10.0	ND	115	46-190		41.7	30	Non-dir.
1,2-Dibromoethane	11.0		"	10.0	ND	110	77-129		4.20	30	
1,2-Dichlorobenzene	10.5		"	10.0	ND	105	81-111		2.64	30	
1,2-Dichloroethane	10.0		"	10.0	ND	100	76-129		7.39	30	
1,2-Dichloropropane	10.6		"	10.0	ND	106	78-123		1.22	30	
1,3,5-Trimethylbenzene	10.7		"	10.0	ND	107	74-128		0.560	30	
1,3-Dichlorobenzene	10.6		"	10.0	ND	106	76-115		1.22	30	
1,3-Dichloropropane	10.7		"	10.0	ND	107	78-124		5.03	30	
1,4-Dichlorobenzene	10.5		"	10.0	ND	105	76-114		1.14	30	
2,2-Dichloropropane	9.35		"	10.0	ND	93.5	35-139		5.41	30	
2-Chlorotoluene	10.5		"	10.0	ND	105	74-119		1.23	30	
2-Hexanone	10.8		"	10.0	ND	108	54-145		9.78	30	
4-Chlorotoluene	10.4		"	10.0	ND	104	78-123		2.00	30	
Acetone	8.49		"	10.0	ND	84.9	19-137			30	
Benzene	10.1		"	10.0	ND	101	83-121		3.88	30	
Bromobenzene	10.7		"	10.0	ND	107	74-121		2.13	30	
Bromochloromethane	9.91		"	10.0	ND	99.1	71-134		7.20	30	
Bromodichloromethane	10.8		"	10.0	ND	108	83-127		1.84	30	
Bromoform	11.3		"	10.0	ND	113	68-138		6.60	30	
Bromomethane	7.31		"	10.0	ND	73.1	14-125		2.17	30	
Carbon tetrachloride	10.8		"	10.0	ND	108	77-139		2.12	30	
Chlorobenzene	10.7		"	10.0	ND	107	88-111		1.30	30	
Chloroethane	9.37		"	10.0	ND	93.7	63-130		5.40	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 BB40309 - EPA 5030B											
Matrix Spike Dup (BB40309-MSD1)	*Source sample: 14B0012-05RE1 (WQ012814:1310FRW1)							Prepared & Analyzed: 02/10/2014			
Chloroform	10.2		ug/L	10.0	ND	102	62-138		2.62	30	
Chloromethane	8.34		"	10.0	ND	83.4	46-121		4.91	30	
cis-1,2-Dichloroethylene	10.5		"	10.0	ND	105	58-137		3.29	30	
cis-1,3-Dichloropropylene	10.5		"	10.0	ND	105	72-131		2.54	30	
Dibromochloromethane	11.2		"	10.0	ND	112	81-133		1.25	30	
Dibromomethane	10.6		"	10.0	ND	106	76-136		9.91	30	
Dichlorodifluoromethane	7.29		"	10.0	ND	72.9	10-150		5.86	30	
Ethyl Benzene	10.8		"	10.0	ND	108	87-122		0.644	30	
Hexachlorobutadiene	10.8		"	10.0	ND	108	68-134		2.74	30	
Isopropylbenzene	10.9		"	10.0	ND	109	75-126		0.460	30	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0	ND	101	67-130		8.17	30	
Methylene chloride	9.50		"	10.0	ND	95.0	20-158		5.83	30	
Naphthalene	10.6		"	10.0	ND	106	51-151		6.07	30	
n-Butylbenzene	10.8		"	10.0	ND	108	72-124		1.83	30	
n-Propylbenzene	10.8		"	10.0	ND	108	76-123		0.552	30	
o-Xylene	10.8		"	10.0	ND	108	82-121		0.278	30	
p- & m- Xylenes	21.7		"	20.0	ND	108	83-128		0.597	30	
p-Isopropyltoluene	10.9		"	10.0	ND	109	74-129		0.551	30	
sec-Butylbenzene	11.0		"	10.0	ND	110	80-125		0.722	30	
Styrene	10.8		"	10.0	ND	108	51-181		0.278	30	
tert-Butylbenzene	11.0		"	10.0	ND	110	78-126		0.183	30	
Tetrachloroethylene	18.0		"	10.0	7.81	102	73-118		0.443	30	
Toluene	10.7		"	10.0	ND	107	81-118		0.934	30	
trans-1,2-Dichloroethylene	9.87		"	10.0	ND	98.7	66-128		4.55	30	
trans-1,3-Dichloropropylene	10.6		"	10.0	ND	106	70-129		4.80	30	
Trichloroethylene	10.8		"	10.0	ND	108	84-120		0.278	30	
Trichlorofluoromethane	10.3		"	10.0	ND	103	68-129		2.22	30	
Vinyl Chloride	9.04		"	10.0	ND	90.4	49-123		3.80	30	
Surrogate: 1,2-Dichloroethane-d4	*9.90*		*"*	*10.0*		*99.0*	*79-133*				
Surrogate: p-Bromofluorobenzene	*9.74*		*"*	*10.0*		*97.4*	*65-133*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*80-123*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14B0012-05	WQ012814:1310FRW1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14B0012-06	WQ012814:1320FRW2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14B0012-07	WQ012814:1330FRW3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14B0012-08	WQ012814:1340FRW4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

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. 14B0012

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

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

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot.Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full ELs	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled		Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ012814:1230NP1-1-2	1/28/14	1230	GW	VOC 8260 full list (EPA SW846-8260B)	3J
WQ012814:1240NP1-1-4	"	1240	GW	VOC 8260 full list (EPA SW846-8260B)	3J
WQ012814:1250NP1-1-6	"	1250	GW	VOC 8260 full list (EPA SW846-8260B)	3J
WQ012814:1300NP1-1-7	"	1300	GW	VOC 8260 full list (EPA SW846-8260B)	3J
			GW	VOC 8260 full list (EPA SW846-8260B)	
			GW	VOC 8260 full list (EPA SW846-8260B)	
			GW	VOC 8260 full list (EPA SW846-8260B)	
			GW	VOC 8260 full list (EPA SW846-8260B)	

Comments

Preservation "X" those applicable: Cool 4°C____ HNO3____ H2SO4____ NaOH____ NONE____ FROZEN____

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
[signature]	2/3/14 1530	TC [signature]	2/3/14 1530	3.0 °C
		Grace	2-3-14 1644	
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	

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Field Chain-of-Custody Record

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York Project No. 14B0012

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

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

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

Matrix Codes
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Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
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624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled		Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
W20128 14:1310 FRW1	1/28/14	1210	GW	VOC 8260 full list (EPA SW846-8260B)	3V
W20128 14:1310 FRW1 MS		1310	GW	VOC 8260 full list (EPA SW846-8260B)	3V
W20128 14:1310 FRW1 MSD		1310	GW	VOC 8260 full list (EPA SW846-8260B)	3V
W20128 14:1320 FRW2		1320	GW	VOC 8260 full list (EPA SW846-8260B)	3V
W20128 14:1330 FRW3		1330	GW	VOC 8260 full list (EPA SW846-8260B)	3V
W20128 14:1340 FRW4		1340	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)	

Comments

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

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
	2/3/14 1530	TC	2/3/14 1530	3.0 °C
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	
		PGrace	2-3-14 1644	

APPENDIX III

JANUARY 2014 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: 01/21/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14A0405

Report Date: 01/21/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14A0405

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 January 16, 2014 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
14A0405-01	AQ011414:1130NP4-1	Vapor Extraction	01/14/2014	01/16/2014
14A0405-02	AQ011414:1135NP4-2	Vapor Extraction	01/14/2014	01/16/2014
14A0405-03	AQ011414:1140NP4-3	Vapor Extraction	01/14/2014	01/16/2014

General Notes for York Project (SDG) No.: 14A0405

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: 01/21/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: AQ011414:1130NP4-1 **York Sample ID:** 14A0405-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0405	Rowe Industries	Vapor Extraction	January 14, 2014 11:30 am	01/16/2014

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	4.4	4.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
108-05-4	Vinyl acetate	ND		ug/m³	6.0	6.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
79-01-6	Trichloroethylene	ND		ug/m³	4.6	4.6	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.8	7.8	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.8	6.8	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
108-88-3	Toluene	ND		ug/m³	6.4	6.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
109-99-9	Tetrahydrofuran	ND		ug/m³	5.0	5.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
127-18-4	Tetrachloroethylene	ND		ug/m³	12	12	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
100-42-5	Styrene	ND		ug/m³	7.3	7.3	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
115-07-1	Propylene	ND		ug/m³	2.9	2.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	8.4	8.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
179601-23-1	p- & m- Xylenes	ND		ug/m³	15	15	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
95-47-6	o-Xylene	ND		ug/m³	7.4	7.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
110-54-3	n-Hexane	ND		ug/m³	6.0	6.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
142-82-5	n-Heptane	ND		ug/m³	7.0	7.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
75-09-2	Methylene chloride	ND		ug/m³	5.9	5.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.1	6.1	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.0	7.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
67-63-0	Isopropanol	ND		ug/m³	8.4	8.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	18	18	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
100-41-4	Ethyl Benzene	ND		ug/m³	7.4	7.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
141-78-6	Ethyl acetate	ND		ug/m³	6.2	6.2	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
110-82-7	Cyclohexane	ND		ug/m³	5.9	5.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.8	7.8	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	6.8	6.8	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
74-87-3	Chloromethane	ND		ug/m³	3.5	3.5	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
67-66-3	Chloroform	ND		ug/m³	8.3	8.3	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
75-00-3	Chloroethane	ND		ug/m³	4.5	4.5	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
56-23-5	Carbon tetrachloride	ND		ug/m³	5.4	5.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
75-15-0	Carbon disulfide	ND		ug/m³	5.3	5.3	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB

Sample Information

Client Sample ID: AQ011414:1130NP4-1 **York Sample ID:** 14A0405-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0405	Rowe Industries	Vapor Extraction	January 14, 2014 11:30 am	01/16/2014

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
74-83-9	Bromomethane	ND		ug/m³	6.6	6.6	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
75-25-2	Bromoform	ND		ug/m³	18	18	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
100-44-7	Benzyl chloride	ND		ug/m³	8.8	8.8	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
71-43-2	Benzene	ND		ug/m³	5.5	5.5	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
67-64-1	Acetone	**6.5**		ug/m³	4.1	4.1	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
591-78-6	2-Hexanone	ND		ug/m³	14	14	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
78-93-3	2-Butanone	ND		ug/m³	5.0	5.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
123-91-1	1,4-Dioxane	ND		ug/m³	6.2	6.2	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
106-99-0	1,3-Butadiene	ND		ug/m³	7.4	7.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.4	8.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	12	12	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.9	7.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.9	6.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	8.4	8.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	13	13	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.8	6.8	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.9	6.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.6	9.6	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.3	9.3	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	13	13	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.3	9.3	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	8.4	8.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	13	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	7.0	7.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB
108-90-7	Chlorobenzene	ND		ug/m³	7.9	7.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 16:39	RB

Sample Information

Client Sample ID: AQ011414:1130NP4-1 **York Sample ID:** 14A0405-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0405	Rowe Industries	Vapor Extraction	January 14, 2014 11:30 am	01/16/2014

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
	Surrogate Recoveries	**Result**		**Acceptance Range**							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.2 %*		*70-130*							

Sample Information

Client Sample ID: AQ011414:1135NP4-2 **York Sample ID:** 14A0405-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0405	Rowe Industries	Vapor Extraction	January 14, 2014 11:35 am	01/16/2014

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	4.4	4.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
108-05-4	Vinyl acetate	ND		ug/m³	6.0	6.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
79-01-6	Trichloroethylene	ND		ug/m³	4.6	4.6	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.8	7.8	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.8	6.8	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
108-88-3	Toluene	ND		ug/m³	6.4	6.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
109-99-9	Tetrahydrofuran	ND		ug/m³	5.0	5.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
127-18-4	Tetrachloroethylene	**38**		ug/m³	12	12	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
100-42-5	Styrene	ND		ug/m³	7.3	7.3	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
115-07-1	Propylene	ND		ug/m³	2.9	2.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
622-96-8	p-Ethyltoluene	ND		ug/m³	8.4	8.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
179601-23-1	p- & m- Xylenes	ND		ug/m³	15	15	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
95-47-6	o-Xylene	ND		ug/m³	7.4	7.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
110-54-3	n-Hexane	ND		ug/m³	6.0	6.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
142-82-5	n-Heptane	ND		ug/m³	7.0	7.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
75-09-2	Methylene chloride	ND		ug/m³	5.9	5.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.1	6.1	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.0	7.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
67-63-0	Isopropanol	ND		ug/m³	8.4	8.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	18	18	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB

Sample Information

Client Sample ID: AQ011414:1135NP4-2 **York Sample ID:** 14A0405-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0405	Rowe Industries	Vapor Extraction	January 14, 2014 11:35 am	01/16/2014

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
100-41-4	Ethyl Benzene	ND		ug/m³	7.4	7.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
141-78-6	Ethyl acetate	ND		ug/m³	6.2	6.2	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
110-82-7	Cyclohexane	ND		ug/m³	5.9	5.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.8	7.8	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	6.8	6.8	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
74-87-3	Chloromethane	ND		ug/m³	3.5	3.5	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
67-66-3	Chloroform	ND		ug/m³	8.3	8.3	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
75-00-3	Chloroethane	ND		ug/m³	4.5	4.5	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
56-23-5	Carbon tetrachloride	ND		ug/m³	5.4	5.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
75-15-0	Carbon disulfide	ND		ug/m³	5.3	5.3	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
74-83-9	Bromomethane	ND		ug/m³	6.6	6.6	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
75-25-2	Bromoform	ND		ug/m³	18	18	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
100-44-7	Benzyl chloride	ND		ug/m³	8.8	8.8	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
71-43-2	Benzene	ND		ug/m³	5.5	5.5	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
67-64-1	Acetone	**8.1**		ug/m³	4.1	4.1	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
591-78-6	2-Hexanone	ND		ug/m³	14	14	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
78-93-3	2-Butanone	ND		ug/m³	5.0	5.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
123-91-1	1,4-Dioxane	ND		ug/m³	6.2	6.2	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
106-99-0	1,3-Butadiene	ND		ug/m³	7.4	7.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.4	8.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	12	12	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.9	7.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.9	6.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	8.4	8.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	13	13	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.8	6.8	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.9	6.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB

Sample Information

Client Sample ID: AQ011414:1135NP4-2 **York Sample ID:** 14A0405-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0405	Rowe Industries	Vapor Extraction	January 14, 2014 11:35 am	01/16/2014

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
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.6	9.6	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.3	9.3	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	13	13	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.3	9.3	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	8.4	8.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	13	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	7.0	7.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB
108-90-7	Chlorobenzene	ND		ug/m³	7.9	7.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:19	RB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*70-130*

Sample Information

Client Sample ID: AQ011414:1140NP4-3 **York Sample ID:** 14A0405-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0405	Rowe Industries	Vapor Extraction	January 14, 2014 11:40 am	01/16/2014

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	4.4	4.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
108-05-4	Vinyl acetate	ND		ug/m³	6.0	6.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
79-01-6	Trichloroethylene	ND		ug/m³	4.6	4.6	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.8	7.8	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.8	6.8	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
108-88-3	Toluene	ND		ug/m³	6.4	6.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
109-99-9	Tetrahydrofuran	ND		ug/m³	5.0	5.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
127-18-4	Tetrachloroethylene	ND		ug/m³	12	12	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
100-42-5	Styrene	ND		ug/m³	7.3	7.3	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
115-07-1	Propylene	ND		ug/m³	2.9	2.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB

Sample Information

Client Sample ID: AQ011414:1140NP4-3 **York Sample ID:** 14A0405-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0405	Rowe Industries	Vapor Extraction	January 14, 2014 11:40 am	01/16/2014

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
622-96-8	p-Ethyltoluene	ND		ug/m³	8.4	8.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
179601-23-1	p- & m- Xylenes	ND		ug/m³	15	15	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
95-47-6	o-Xylene	ND		ug/m³	7.4	7.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
110-54-3	n-Hexane	ND		ug/m³	6.0	6.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
142-82-5	n-Heptane	ND		ug/m³	7.0	7.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
75-09-2	Methylene chloride	ND		ug/m³	5.9	5.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.1	6.1	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.0	7.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
67-63-0	Isopropanol	ND		ug/m³	8.4	8.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
87-68-3	Hexachlorobutadiene	ND		ug/m³	18	18	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
100-41-4	Ethyl Benzene	ND		ug/m³	7.4	7.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
141-78-6	Ethyl acetate	ND		ug/m³	6.2	6.2	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
110-82-7	Cyclohexane	ND		ug/m³	5.9	5.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.8	7.8	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	6.8	6.8	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
74-87-3	Chloromethane	ND		ug/m³	3.5	3.5	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
67-66-3	Chloroform	ND		ug/m³	8.3	8.3	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
75-00-3	Chloroethane	ND		ug/m³	4.5	4.5	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
56-23-5	Carbon tetrachloride	ND		ug/m³	5.4	5.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
75-15-0	Carbon disulfide	ND		ug/m³	5.3	5.3	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
74-83-9	Bromomethane	ND		ug/m³	6.6	6.6	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
75-25-2	Bromoform	ND		ug/m³	18	18	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
100-44-7	Benzyl chloride	ND		ug/m³	8.8	8.8	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
71-43-2	Benzene	ND		ug/m³	5.5	5.5	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
67-64-1	Acetone	**5.3**		ug/m³	4.1	4.1	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
591-78-6	2-Hexanone	ND		ug/m³	14	14	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
78-93-3	2-Butanone	ND		ug/m³	5.0	5.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
123-91-1	1,4-Dioxane	ND		ug/m³	6.2	6.2	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB

Sample Information

Client Sample ID: AQ011414:1140NP4-3 **York Sample ID:** 14A0405-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14A0405	Rowe Industries	Vapor Extraction	January 14, 2014 11:40 am	01/16/2014

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
106-99-0	1,3-Butadiene	ND		ug/m³	7.4	7.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.4	8.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	12	12	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.9	7.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.9	6.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	10	10	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	8.4	8.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	13	13	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.8	6.8	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.9	6.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.6	9.6	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.3	9.3	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	13	13	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
71-55-6	1,1,1-Trichloroethane	**11**		ug/m³	9.3	9.3	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	8.4	8.4	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	13	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
80-62-6	Methyl Methacrylate	ND		ug/m³	7.0	7.0	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB
108-90-7	Chlorobenzene	ND		ug/m³	7.9	7.9	16.8	EPA TO-15	01/20/2014 08:30	01/20/2014 17:59	RB

	Surrogate Recoveries	**Result**	**Acceptance Range**
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*70-130*

Analytical Batch Summary

Batch ID: BA40710 **Preparation Method:** EPA TO15 PREP **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14A0405-01	AQ011414:1130NP4-1	01/20/14
14A0405-02	AQ011414:1135NP4-2	01/20/14
14A0405-03	AQ011414:1140NP4-3	01/20/14
BA40710-BLK1	Blank	01/21/14
BA40710-BS1	LCS	01/21/14

Volatile Organic Compounds in Air 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 BA40710 - EPA TO15 PREP											
Blank (BA40710-BLK1)											Prepared: 01/21/2014 Analyzed: 01/20/2014
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	0.50	"								
p- & m- Xylenes	ND	0.88	"								
o-Xylene	ND	0.44	"								
n-Hexane	ND	0.36	"								
n-Heptane	ND	0.42	"								
Methylene chloride	0.42	0.35	"								
Methyl tert-butyl ether (MTBE)	ND	0.37	"								
4-Methyl-2-pentanone	ND	0.42	"								
Isopropanol	ND	0.50	"								
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	0.83	"								
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 in Air 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 BA40710 - EPA TO15 PREP											
Blank (BA40710-BLK1)									Prepared: 01/21/2014 Analyzed: 01/20/2014		
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	*7.68*		*ppbv*	*10.0*		*76.8*	*70-130*				
LCS (BA40710-BS1)									Prepared: 01/21/2014 Analyzed: 01/20/2014		
Vinyl Chloride	9.44		ppbv	10.5		89.9	70-130				
Vinyl acetate	9.77		"	10.4		93.9	58.1-135				
Trichloroethylene	8.99		"	10.6		84.8	70-130				
trans-1,3-Dichloropropylene	10.6		"	11.5		92.6	62-135				
trans-1,2-Dichloroethylene	9.00		"	10.3		87.4	58.3-130				
Toluene	9.59		"	11.0		87.2	64.9-126				
Tetrahydrofuran	9.35		"	10.8		86.6	44.6-146				
Tetrachloroethylene	9.12		"	10.8		84.4	70-130				
Styrene	9.51		"	10.9		87.2	66.4-132				
Propylene	9.71		"	11.5		84.4	62.4-150				
p-Ethyltoluene	8.47		"	10.4		81.4	73.8-146				
p- & m- Xylenes	17.3		"	21.8		79.2	56.6-136				
o-Xylene	8.60		"	11.0		78.2	67.8-133				
n-Hexane	9.51		"	10.9		87.2	59.7-130				
n-Heptane	9.75		"	10.9		89.4	62.3-134				
Methylene chloride	7.58		"	9.70		78.1	62.6-130				
Methyl tert-butyl ether (MTBE)	9.51		"	10.3		92.3	60.7-139				
4-Methyl-2-pentanone	6.93		"	10.6		65.4	64.5-158				
Isopropanol	10.6		"	10.9		96.9	60-150				
Hexachlorobutadiene	8.23		"	10.2		80.7	61.2-150				
Ethyl Benzene	8.65		"	11.0		78.6	68.4-125				
Ethyl acetate	8.68		"	11.0		78.9	40.6-150				
Cyclohexane	9.64		"	10.8		89.3	60.4-127				
cis-1,3-Dichloropropylene	9.67		"	10.9		88.7	65.5-129				
cis-1,2-Dichloroethylene	9.35		"	10.8		86.6	51.3-118				
Chloromethane	8.71		"	10.3		84.6	64.9-130				
Chloroform	9.55		"	11.0		86.8	65.1-130				
Chloroethane	9.06		"	10.3		88.0	52.1-131				
Carbon tetrachloride	9.42		"	10.5		89.7	70-130				
Carbon disulfide	9.33		"	10.5		88.9	61.8-111				
Bromomethane	8.87		"	10.5		84.5	60.1-140				
Bromoform	9.32		"	10.9		85.5	58.7-150				
Bromodichloromethane	9.17		"	10.6		86.5	65.3-127				
Benzyl chloride	8.49		"	10.8		78.6	62.5-150				
Benzene	9.32		"	10.8		86.3	69.5-130				
Acetone	8.69		"	11.0		79.0	55.3-133				
2-Hexanone	5.93		"	10.9		54.4	52-150				
2-Butanone	9.73		"	10.9		89.3	28.5-154				
1,4-Dioxane	9.37		"	10.6		88.4	50-150				

Volatile Organic Compounds in Air 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 BA40710 - EPA TO15 PREP											
LCS (BA40710-BS1)									Prepared: 01/21/2014 Analyzed: 01/20/2014		
1,4-Dichlorobenzene	8.20		ppbv	10.9		75.2	62.5-139				
1,3-Dichlorobenzene	8.32		"	10.8		77.0	71.9-153				
1,3-Butadiene	9.74		"	10.9		89.4	66.7-127				
1,3,5-Trimethylbenzene	8.51		"	11.0		77.4	65-152				
1,2-Dichlorotetrafluoroethane	9.23		"	10.5		87.9	63.3-129				
1,2-Dichloropropane	9.01		"	11.0		81.9	21.3-152				
1,2-Dichloroethane	9.37		"	10.7		87.6	51.2-124				
1,2-Dichlorobenzene	7.77		"	10.7		72.6	63.7-148				
1,2,4-Trimethylbenzene	8.46		"	11.0		76.9	67.9-152				
1,2,4-Trichlorobenzene	7.91		"	10.0		79.1	58-147				
1,1-Dichloroethylene	8.39		"	9.60		87.4	58.1-130				
1,1-Dichloroethane	8.93		"	10.3		86.7	63.3-130				
Trichlorofluoromethane (Freon 11)	9.39		"	11.0		85.4	56-132				
1,1,2-Trichloroethane	9.36		"	11.0		85.1	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.03		"	9.20		87.3	60.2-125				
1,1,2,2-Tetrachloroethane	8.25		"	11.0		75.0	63.7-132				
1,1,1-Trichloroethane	9.27		"	10.5		88.3	58.2-126				
Dichlorodifluoromethane	9.30		"	10.2		91.2	62.8-133				
1,2-Dibromoethane	9.77		"	11.0		88.8	70-130				
Dibromochloromethane	9.46		"	10.7		88.4	70-130				
Methyl Methacrylate	8.88		"	10.7		83.0	70-130				
Chlorobenzene	8.65		"	11.0		78.6	67.6-122				
Surrogate: p-Bromofluorobenzene	*8.96*		*"*	*10.0*		*89.6*	*70-130*				

Notes and Definitions

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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record - AIR

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

York Project No. 14A0405

YOUR Information	**Report To:**	**Invoice To:**
Company: LBG	Company: Same	Company: Same
Address: 4 Research Dr, Suite 301 Shelton, CT 06484	Address:	Address:
Phone No. 203-929-8555	Phone No.	Phone No.
Contact Person: Tunde Sandor	Attention:	Attention:
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	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/CLP Pkg X, pdf
- NJDEP Reduced ___

Electronic Deliverables:

- EDD (Specify Type) ___
- Standard Excel X
- Regulatory Comparison Excel ___

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

Samples Collected/Authorized By (Signature)

STEPHEN 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 After Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
AQ011414:1130NP4-1	1/14/14 1130	AE			EPA TO-15 List.	6 Liter Summa canister ✓ Tedlar Bag ___
AQ011414:1135NP4-2	↓ 1135	AE			↓	6 Liter Summa canister ✓ Tedlar Bag ___
AQ011414:1140NP4-3	↓ 1140	AE			↓	6 Liter Summa canister ✓ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___

Comments: Grab samples, no regulator used.

Samples Relinquished By	1/15/14 930	Samples Received By	1/16/14 12:49
Samples Relinquished By	Date/Time	LBG Field Room	1/15/14 930
		Samples Received in LAB by	1/16/14 - 1400