-DRAFT-

PROJECT STATUS MEMORANDUM NO. 10-12

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

DATE: December 18, 2012

PROJECT: Rowe Industries Superfund Site
Groundwater Recovery and Treatment System
October 2012 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 October 1, 2012 through October 31, 2012. 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

(October 1, 2012 through October 31, 2012)

1. Hours of operation during the reporting period:	686 hours (92.3%)
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:	5,685,001 gal.*
5. Was the system effluent flow below the SPDES limit of 1,023,000 gpd:	yes, (see Graph 1)
6. Mass of VOCs recovered during the reporting period:	0.14 pounds*
7. Cumulative mass of VOCs recovered since startup on 12/17/02: (calculations can be provided upon request)	225.1 pounds
8. Effluent VOC vapor concentration for the reporting period:	0.05 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 (0.00051 lbs/hr)

*Values represent the FSP&T system recovery wells only, the FP&T system recovery wells were off during the month of October.

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 PCE concentrations for each recovery well. For wells with water quality that meets or is approaching remedial criteria, Graph 3 presents PCE concentrations at an expanded scale in order to compare them to the PCE aquifer restoration concentration of 5 ug/L. Laboratory analytical reports are included as Appendix II.

Well	Volume pumped (gal)	Average Flow (gpm)	Lowest Measured Flow (gpm)[1/]	Total VOC Concentration (µg/L)	VOC Recovery (lbs)
RW-2	1,195,776	27	13	1.4	0.01
RW-4	1,045,186	25	10	4.8	0.04
RW-6	598,936	15	15	4.2	0.02
RW-7	2,395,334	70	69	0.9	0.02

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

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

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

On October 29, 2012 at approximately 8:42 AM, the FSP&T system shut down due to a power failure caused by Hurricane Sandy. On October 31, the FSP&T and FP&T systems, the FSP&T building and FP&T trailer were inspected for storm damage and no damage was observed. The power was restored on October 31 and the FSP&T system was restarted at 3:55 PM.

Evaluation of Groundwater Quality

During October 2012, 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, RW-4, RW-5, RW-6 and RW-7; no VOCs of concern were detected in groundwater samples from recovery wells RW-3, RW-8 and RW-9. Low concentrations of VOCs continue to be detected in the groundwater at some of these wells. The low concentrations of VOCs detected during the month of October did not activate the procedures defined in the Recovery Well Shutdown Plan for resampling or restarting the non-operating wells. The groundwater quality at these recovery wells will continue to be monitored monthly.

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

- RW-2 for 44 consecutive months (3 years and 8 months);
- RW-4 for 26 consecutive months (2 years and 2 month);
- RW-6 for 23 consecutive months (1 year and 11 months); and
- RW-7 for 28 consecutive months (2 years and 4 months);

FOCUS PUMP AND TREAT SYSTEM STATUS SUMMARY

During this reporting period, the Focus Recovery Wells (FRWs) were off due to a planned temporary shutdown to evaluate FDSA groundwater quality under non-pumping conditions.

Tables 5 through 8 present a summary of the quality results for water samples collected from the FRWs. Graphs 4 through 7 present VOC concentrations in groundwater at each FRW. Laboratory analytical reports are included in Appendix II.

Evaluation of Groundwater Quality

In order to assess if rebound of contaminant concentrations occurs during static conditions, and to obtain additional groundwater quality data necessary to evaluate the possibility of using alternative technologies to expedite the cleanup of the remaining contaminants, the FRWs were kept off during the month of October. Groundwater samples were collected once during the month of October using the low-flow procedure from the four FRWs, MW-98-05A, MW-28A and 28B, MW-45A and 45B, and MW-52A. The groundwater quality results continue to indicate that the concentrations of trichloroethene (TCE) and cis-1,2-dichloroethene (cis12DCE), which are breakdown products of PCE, increased in all four locations when FRW-1, 2, 3 and 4 are not operating compared to when they are operating. The concentration of tetrachloroethylene (PCE) in groundwater samples decreased at FRW-1, remained within historic range at FRW-2 and 3 when compared to data over the previous 24 months, and decreased at FRW-4.

VOCs were not detected in the groundwater samples from MW-45A, 45B and MW-52A. Benzene, naphthalene, TCA, TCE, PCE, cis12DEC, ethyl benzene, xylenes and toluene were detected below ARARs in the groundwater samples from MW-28A and 28B.

OTHER O&M ACTIVITIES AND FUTURE O&M ACTIVITIES

O&M activities conducted in October 2012 included:

- on October 8, technicians from Alpine Environmental jet-washed the well head piping and risers of RW-2 and RW-4 in order to remove iron bacteria fouling and improve flow. Exposed areas of the discharge piping between the FSP&T system and the recharge basin were covered with native sand;
- on October 16, technicians from LBG updated the static groundwater elevations in the FSP&T control computer program based on recent measurements;
- on October 22, technicians from LBG greased all pumps and motors in the FSP&T system;
- on October 29, the FSP&T system shut down due to a power failure caused by Hurricane Sandy; and
- on October 31, power was restored by the utility company, technicians from LBG inspected the FSP&T system for storm related damage and restarted the system.

Future O&M activities scheduled for the winter of 2012 include:

- normal weekly/monthly O&M activities;

- collect groundwater samples using the low-flow sampling technique from the recovery and select monitor wells; and
- Complete annual recharge basin rehabilitation work.

MMG:nv
Attachments
cc: Ken W. Wengert - Kraft Foods Global, 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\2012\Monthly Reports\October\Status1012Oct.docx

TABLES

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

MAINTENANCE LOG
(October 1, 2012 through October 31, 2012)

Date	Time	System Changes/Modifications	Personnel
10/1/2012	9:37 AM	FSP&T system shut down due to a power failure alarm.	
	10:40 AM	Reset alarms and restarted the FSP&T system.	SH
10/8/2012	8:30 AM	Shut down RW-2, jet wash well head piping and riser, clean flow meter.	SH/Alpine
	9:50 AM	Restart RW-2 following the maintenance event. Shut down RW-4, jet wash well head piping and riser, clean flow meter. Replaced the reed switch and the flow meter transmitter in RW-4.	SH/Alpine
	11:00 AM	Restart RW-4 following the maintenance event.	SH
		Place sand over exposed discharge piping between the FSP&T system and the recharge basin with sand.	SH/Alpine
10/15/2012	9:40 AM	FSP&T system shut down due to a power failure alarm.	
	10:50 AM	Reset alarms and restarted the FSP&T system.	JF
10/16/2012		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
		Updated the static groundwater elevations in the FSP&T system control program.	SH
10/22/2012		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
		Greased all pumps and motors in the FSP&T system, troubleshoot the malfunctioning RW-4 wellhead pressure sensor.	SH
10/29/2012	8:42 AM	FSP&T system shut down due to a power failure caused by a storm.	
10/31/2012	3:55 PM	Reset alarms and restarted the FSP&T system.	SH
		Inspected all equipment and systems on site for storm damage, no damage was observed.	SH

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-Oct-12	7.7	137	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.51 J,B	ND<0.5	ND<2	ND<0.5	2.04	0.200
8-Oct-12	7.6	88	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.32 J,B	ND<0.5	ND<2	ND<0.5	1.26	0.227
16-Oct-12	7.6	105	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<2	ND<0.5	1.20	0.164
22-Oct-12	7.5	115	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<2	ND<0.5	0.47	0.125
31-Oct-12	7.8	73	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	0.16 J	ND<0.5	ND<2	ND<0.5	ND<2	ND<0.5	19	ND<0.01

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
AQ101811:1300NP4-1	10/18/2011	13:00	0.0370	0.0031	0.0170	ND	0.0081	ND	ND	0.0010	0.0009	0.0004	0.0034	NA	0.0003	ND	0.14
AQ112111:1100NP4-1	11/21/2011	11:00	0.0190	0.0035	0.0160	ND	0.0075	ND	ND	0.0016	0.0022	ND	0.0036	NA	ND	ND	0.09
AQ122711:11:30NP4-1	12/27/2011	11:30	0.0480	0.0038	0.0170	ND	0.0081	0.0032	ND	0.0740	0.0190	0.0062	0.0031	NA	0.0120	ND	0.26
AQ11712:1300NP4-1	1/17/2012	13:00	ND	ND	ND	ND	ND	ND	ND	0.0073	0.0140	0.0070	ND	NA	0.0035	ND	0.22
AQ22112:1100NP4-1	2/21/2012	11:00	0.0490	0.0040	0.0200	ND	0.0089	0.0030	ND	ND	ND	ND	0.0042	0.0024 B	ND	ND	0.11
AQ31312:12:10NP4-1	3/13/2012	12:10	0.0450	0.0033	0.0012	ND	0.0050	0.0025	ND	ND	ND	ND	0.0031	0.0210	ND	ND	0.12
AQ42312:1100NP4-1	4/23/2012	11:00	0.0085	0.0022	0.0056	ND	0.0029	ND	ND	0.0110	0.0065	0.0022	0.0032	0.0033	0.0022	0.0029	0.10
AQ52212:1520NP4-1	5/22/2012	15:20	0.0081	ND	0.0100	ND	0.0049	ND	ND	ND	0.0010	ND	0.0031	0.0022	ND	ND	0.08
AQ62012:1240NP4-1	6/20/2012	12:40	0.0180	0.0015	0.0090	ND	0.0053	0.0010	ND	ND	ND	ND	0.0015	0.0012	ND	ND	0.07
AQ072512:1300NP4-1	7/25/2012	13:00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0019 B	ND	ND	0.02
AQ82712:1600NP4-1	8/27/2012	16:00	0.0085	0.0016	0.0071	0.0009	0.0051	ND	ND	0.0083	ND	ND	0.0028	0.0016 B	ND	ND	0.04
AQ092712:1210NP4-1	9/27/2012	12:10	ND	ND	ND	ND	ND	ND	ND	0.0030	ND	ND	ND	0.0026 B	ND	ND	0.05
AQ103112:1640NP4-1	10/31/2012	16:40	0.0140	0.0140	0.0096	ND	0.0039	ND	ND	0.0007	0.0007	ND	0.0043	0.0011 B	ND	ND	0.08

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
AQ101811:1305NP4-2	10/18/2011	13:05	0.1100	0.0140	0.0110	ND	0.0054	ND	ND	0.0016	0.0016	0.0007	0.0015	NA	0.0006	0.0036	0.31
AQ112111:1105NP4-2	11/21/2011	11:05	0.0830	0.0042	0.0058	ND	0.0080	ND	ND	0.0017	0.0020	0.0094	0.0031	NA	ND	ND	0.19
AQ122711:1135NP4-2	12/27/2011	11:35	0.2400	0.0058	0.0140	ND	0.0095	ND	ND	0.0480	0.0036	ND	ND	NA	0.0048	ND	0.38
AQ11712:1305NP4-2	1/17/2012	13:05	0.0025	ND	ND	ND	ND	ND	ND	0.0080	0.0150	0.0075	ND	NA	0.0038	ND	0.27
AQ22112:1105NP4-2	2/21/2012	11:05	0.0590	ND	0.0240	ND	0.0110	ND	ND	0.0150	0.0038	0.0012	0.0051	0.0042 B	0.0025	ND	0.14
AQ31312:1215NP4-2	3/13/2012	12:15	0.0540	ND	0.0120	ND	0.0060	ND	ND	ND	ND	ND	0.0026	0.0053	ND	ND	0.12
AQ42312:1105NP4-2	4/23/2012	11:05	0.1100	0.0017	0.0170	ND	0.0076	ND	ND	0.0140	0.0051	0.0015	0.0041	0.0038	0.0023	ND	0.24
AQ52212:1525NP4-2	5/22/2012	15:25	0.0160	ND	0.0120	ND	0.0050	0.0010	ND	ND	ND	ND	0.0027	0.0028	ND	0.0043	0.12
AQ62012:1245NP4-2	6/20/2012	12:45	0.0530	0.0027	0.0140	ND	0.0061	0.0014	ND	ND	ND	ND	0.0033	0.0013	ND	ND	0.11
AQ072512:1310NP4-2	7/25/2012	13:10	0.0380	0.0017	0.0150	ND	0.0072	0.0016	ND	ND	ND	ND	0.0034	0.0015	ND	ND	0.08
AQ82712:1605NP4-2	8/27/2012	16:05	0.0090	ND	0.0110	ND	0.0049	0.0014	ND	ND	ND	ND	0.0024	0.0014 B	ND	ND	0.04
AQ092712:1215NP4-2	9/27/2012	12:15	0.0770	0.0040	0.0110	ND	0.0036	0.0014	ND	0.0018	ND	ND	0.0022	0.0011 B	ND	ND	0.12
AQ103112:1645NP4-2	10/31/2012	16:45	0.0720	0.0043	0.0170	ND	0.0044	0.0018	ND	0.0009	0.0012	ND	0.0033	0.0014 B	ND	0.0016	0.13

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
AQ101811:1310NP4-3	10/18/2011	13:10	0.0083	ND	ND	ND	ND	ND	ND	0.0069	ND	ND	ND	NA	ND	ND	0.29
AQ112111:1110NP4-3	11/21/2011	11:10	ND	ND	ND	ND	ND	ND	ND	ND	0.0016	0.0009	ND	ND	ND	ND	0.07
AQ122711:1140NP4-3	12/27/2011	11:40	ND	ND	ND	ND	ND	ND	ND	0.2800	0.0680	0.0210	ND	NA	0.0440	ND	0.62
AQ11712:1310NP4-3	1/17/2012	13:10	0.0025	ND	ND	ND	ND	ND	ND	0.0077	0.0150	0.0073	ND	NA	0.0038	ND	0.25
AQ22112:1110NP4-3	2/21/2012	11:05	ND	ND	0.0046	ND	0.0120	ND	ND	0.0069	0.0031	0.0011	0.0029	0.0030 B	0.0016	ND	0.06
AQ31312:1220NP4-3	3/13/2012	12:20	ND	ND	0.0020	ND	0.0057	ND	ND	ND	ND	ND	0.0014	0.0048	ND	ND	0.03
AQ42312:1110NP4-3	4/23/2012	11:10	ND	ND	0.0040	ND	0.0067	ND	ND	0.0090	0.0050	0.0015	0.0022	0.0032	0.0017	0.0029	0.07
AQ52212:1530NP4-3	5/22/2012	15:30	ND	ND	0.0055	ND	0.0063	ND	ND	ND	ND	ND	0.0023	0.0015	ND	ND	0.03
AQ62012:1250NP4-3	6/20/2012	12:50	ND	ND	0.0064	ND	0.0076	ND	ND	ND	ND	ND	0.0026	0.0027	ND	ND	0.04
AQ072512:1320NP4-3	7/25/2012	13:20	ND	ND	0.0090	0.0009	0.0086	ND	ND	ND	ND	ND	0.0036	0.053 B	ND	0.0048	0.10
AQ82712:1610NP4-3	8/27/2012	16:10	ND	ND	0.0057	ND	0.0057	ND	ND	0.0012	ND	ND	0.0023	0.0013 B	ND	ND	0.02
AQ092712:1220NP4-3	9/27/2012	12:20	ND	ND	0.0083	ND	0.0055	ND	ND	ND	ND	ND	0.0028	0.0011 B	ND	ND	0.03
AQ103112:1650NP4-3	10/31/2012	16:50	ND	ND	0.0130	0.0008	0.0053	0.0010	ND	ND	0.0008	ND	0.0033	0.0015 B	ND	0.0013	0.05

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

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

TABLE 4

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

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/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**	**300**	**300**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-1	15-Sep-04	ND<1	ND<1	ND<1	2.8	ND<1	0.0865	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	7-Oct-04	ND<1	ND<1	ND<1	ND<1	2.2	0.0332	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	3-Nov-04	ND<1	ND<1	ND<1	1.9	2.0	0.0133	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Dec-04	ND<1	ND<1	ND<1	**9.8**	ND<1	0.0475	0.0229	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	13-Jan-05	ND<1	ND<1	ND<1	1.5	2.1	0.0703	0.0326	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<0.02	ND<0.02	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	0.0285	ND<0.02	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	0.0357	0.0217	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<0.02	ND<0.02	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<0.02	ND<0.02	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	0.0289	ND<0.02	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	0.1650	ND<0.02	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
RW-2	13-Oct-10	ND<1	ND<1	ND<1	ND<1	ND<1	1.31	0.039	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	16-Nov-10	2.7	ND<1	ND<1	ND<1	ND<1	1.68	0.073	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	14-Dec-10	0.44 J	ND<1	0.77	ND<1	ND<1	2.86	0.050	0.32 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	10.30	0.012	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Feb-11	0.55 J	ND<1	ND<1	ND<1	ND<1	2.69	0.160	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Mar-11	0.91 J	ND<1	ND<1	ND<1	ND<1	2.85	0.019	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	0.57 J	ND<1	ND<1	ND<1	ND<1	3.82	0.010	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	3.72	0.199	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	0.85 J	ND<1	ND<1	ND<1	ND<1	1.83	0.033	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.71	0.013	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.20	0.021	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	0.96 J	ND<5	ND<5	ND<5	ND<5	-	-	ND<5	ND<5	ND<5	3.9 B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	0.97	0.18 J	0.74	0.17 J	ND<0.5	-	-	0.25 J	ND<0.5	ND<0.5	0.96 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	1.6	0.20 J	0.12 J	0.22 J	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.95 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	1.0	0.25 J	0.49 J	0.16 J	ND<0.5	-	-	0.11 J	ND<0.5	ND<0.5	0.44 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	0.64	0.22 J	0.41 J	0.13 J	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.27 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	0.84	0.28 J	0.45 J	0.15 J	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.42 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	0.81	0.16 J	0.11 J	0.12 J	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.93 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	0.58	0.18 J	0.25 J	0.16 J	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.46 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-May-12	0.57	0.19 J	0.27 J	0.17 J	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	2.8 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Jun-12	0.57	0.21 J	0.26 J	0.12 J	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.74 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	0.91	0.15 J	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Aug-12	0.53	0.21 J	0.23 J	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	ND<2	0.56	0.17 J	0.34 J	ND<0.5
	18-Sep-12	0.52	0.25 J	0.25 J	0.10 J	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	0.66	0.34 J	0.3 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

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)	Total Iron (mg/L)	Dissolved Iron (mg/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**	**300**	**300**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-3 [3/]	13-Oct-10	ND<1	ND<1	0.84 J	ND<1	ND<1	2.86	0.896	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	16-Nov-10	ND<1	ND<1	ND<1	ND<1	ND<1	1.95	0.369	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	14-Dec-12	ND<1	0.36	ND<1	ND<1	ND<1	2.07	1.76	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.65	0.599	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Feb-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.43	0.501	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	3.09	0.732	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	ND<1	ND<1	ND<1	ND<1	ND<1	5.20	0.571	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.13	1.250	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.11	0.824	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.29	0.611	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	3.25	0.423	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	0.93	ND<5	ND<5	ND<5	-	-	ND<5	ND<5	ND<5	**7.0 J,B**	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	0.16 J	0.59	0.19 J	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.70 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	0.16 J	0.81	0.22 J	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.66 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	0.17 J	0.87	0.33 J	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.53 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	0.20 J	1.0	0.33 J	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.33 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	0.23 J	0.90	0.33 J	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	0.19 J	0.81	0.27 J	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.92 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	0.12 J	0.52	0.16 J	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.48 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	0.64	0.53	0.18 J	ND<0.5	ND<0.5	-	-	ND<0.5	0.27 J	ND<0.5	2.5 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-3 was shut down on May 21, 2012 with EPA approval.															
	20-Jun-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.56 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.1 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Sep-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.4 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
RW-4	13-Oct-10	1.7	ND<1	ND<1	ND<1	ND<1	5.07	2.00	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	16-Nov-10	2.9	ND<1	3.5	ND<1	ND<1	6.53	0.27	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	14-Dec-10	0.55 J	ND<1	1.2	ND<1	ND<1	4.69	1.64	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	11-Jan-11	0.5 J	ND<1	ND<1	ND<1	ND<1	4.09	0.01	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Feb-11	0.61 J	ND<1	0.76	ND<1	ND<1	7.46	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	10-Mar-11	0.82 J	ND<1	ND<1	ND<1	ND<1	4.14	1.78	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	0.61 J	ND<1	0.74 J	ND<1	ND<1	4.98	1.05	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	1.2	ND<1	ND<1	4.81	0.33	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	1.0	ND<1	ND<1	ND<1	ND<1	5.12	2.95	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	6.53	0.07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	0.92	ND<1	ND<1	4.90	0.79	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	1.1 J	ND<5	2.7	ND<5	ND<5	-	-	1.4 J	ND<5	ND<5	3.9 B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	1.1	0.14 J	3.9	0.15 J	ND<0.5	-	-	1.8	ND<0.5	0.17 J	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	1.5	0.22 J	1.8	0.15 J	ND<0.5	-	-	0.61	ND<0.5	ND<0.5	0.66 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	1.2	0.14 J	4.2	0.16 J	ND<0.5	-	-	1.6	ND<0.5	0.18 J	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	0.93	0.14 J	3.3	0.17 J	ND<0.5	-	-	1.4	ND<0.5	0.15 J	0.34 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	1.10	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	1.40	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	1.80	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	1.30	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

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)	Total Iron (mg/L)	Dissolved Iron (mg/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**	**300**	**300**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-5 [3/]	13-Oct-10	ND<1	ND<1	ND<1	ND<1	ND<1	0.035	0.0093	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	16-Nov-10	ND<1	ND<1	ND<1	ND<1	ND<1	1.78	0.0188	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	14-Dec-10	ND<1	ND<1	0.7 J	ND<1	ND<1	0.034	0.0080	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	0.047	0.0070	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Feb-11	ND<1	ND<1	1.3	ND<1	ND<1	0.260	0.0150	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	10-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	0.041	0.0100	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	ND<1	ND<1	1.2	ND<1	ND<1	0.041	0.0240	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	0.8 J	ND<1	ND<1	0.258	0.0050	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	0.031	0.0200	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	0.6 J	ND<1	ND<1	0.027	0.0009	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	0.6 J	ND<1	ND<1	0.074	0.0240	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	ND<5	1.1 J	ND<5	ND<5	-	-	ND<5	ND<5	ND<5	4.8 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	0.12 J	ND<0.5	1.4	0.50	ND<0.5	-	-	0.51	ND<0.5	ND<0.5	0.45 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	ND<0.5	ND<0.5	ND<0.5	0.76	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.86 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	0.15 J	ND<0.5	0.97	0.54	ND<0.5	-	-	0.73	ND<0.5	ND<0.5	0.57 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	ND<0.5	ND<0.5	0.68	0.54	ND<0.5	-	-	0.43 J	ND<0.5	ND<0.5	0.35 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	ND<0.5	ND<0.5	0.76	0.66	ND<0.5	-	-	0.61	ND<0.5	ND<0.5	0.36 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	0.16 J	ND<0.5	0.12 J	0.65	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.1 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	ND<0.5	ND<0.5	0.46 J	0.51	ND<0.5	-	-	0.35 J	ND<0.5	ND<0.5	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	0.17 J	ND<0.5	0.49 J	0.53	ND<0.5	-	-	0.38 J	ND<0.5	ND<0.5	2.7 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-5 was shut down on May 23, 2012 with EPA approval.															
	20-Jun-12	ND<0.5	ND<0.5	ND<0.5	0.67	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.63 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	ND<0.5	ND<0.5	ND<0.5	0.70	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	0.22 J	ND<0.5	ND<1	ND<0.5
	27-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	0.98	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Sep-12	ND<0.5	ND<0.5	ND<0.5	0.80	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	ND<0.5	ND<0.5	ND<0.5	0.89	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
RW-6	13-Oct-10	4.3	ND<1	4.2	ND<1	ND<1	0.1040	0.037	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	16-Nov-10	**5.3**	ND<1	3.0	ND<1	ND<1	0.0218	0.016	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	14-Dec-10	1.7	ND<1	0.8 J	ND<1	ND<1	0.1080	0.008	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	11-Jan-11	2.6	ND<1	ND<1	ND<1	ND<1	0.3650	0.015	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Feb-11	1.6	ND<1	0.7	ND<1	ND<1	0.7000	0.008	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	10-Mar-11	1.9	ND<1	0.9 J	ND<1	ND<1	0.1000	0.011	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	1.4	ND<1	0.7 J	ND<1	ND<1	0.3200	0.012	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	1.2	ND<1	0.9 J	ND<1	ND<1	0.0460	0.005	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	1.7	ND<1	0.8 J	ND<1	ND<1	0.0450	0.037	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	1.0	ND<1	0.8 J	ND<1	ND<1	0.0440	0.010	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	1.3	ND<1	1.2	ND<1	ND<1	0.2340	0.017	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	3.6 J	ND<5	2.7 J	ND<5	ND<5	-	-	1.0 J	ND<5	ND<1	4.5 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	3.5	0.13 J	2.8	0.26 J	0.27 J	-	-	0.87	ND<0.5	0.19 J	0.37 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	4.2	0.13 J	3.4	0.35 J	0.35 J	-	-	1.1	ND<0.5	0.11 J	0.83 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	4.0	0.15 J	2.4	0.33 J	0.23 J	-	-	0.83	ND<0.5	0.17 J	0.49 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	2.8	0.12 J	2.3	0.28 J	ND<0.5	-	-	0.65	ND<0.5	0.15 J	0.35 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	3.2	0.11 J	2.6	0.28 J	ND<0.5	-	-	0.82	ND<0.5	0.19 J	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	3.2	0.12 J	2.7	0.22 J	0.25 J	-	-	0.86	ND<0.5	0.19 J	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	2.8	0.12 J	2.0	0.25 J	0.24 J	-	-	0.62	ND<0.5	0.13 J	0.46 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	2.9	0.13 J	2.1	0.31 J	ND<0.5	-	-	0.58	ND<0.5	0.14 J	2.8 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Jun-12	3.1	0.13 J	2.0	0.28 J	0.27 J	-	-	0.58	ND<0.5	0.14 J	0.84 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	3.1	0.13 J	2.2	0.25 J	ND<0.5	-	-	0.65	ND<0.5	0.14 J	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Aug-12	2.6	0.11 J	1.6	0.33 J	ND<0.5	-	-	0.57	ND<0.5	0.12 J	ND<2	0.59	0.26 J	0.31 J	ND<0.5
	18-Sep-12	2.8	0.13 J	1.5	0.36 J	ND<0.5	-	-	0.47 J	0.11 J	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	2.3	0.12 J	1.1	0.34 J	ND<0.5	-	-	0.35 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5

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)	Total Iron (mg/L)	Dissolved Iron (mg/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**	**300**	**300**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-7	13-Oct-10	4.6	ND<1	2.4	ND<1	ND<1	0.480	0.1430	0.89	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	16-Nov-10	3.8	ND<1	ND<1	ND<1	ND<1	0.239	0.1490	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	14-Dec-10	0.9 J	ND<1	ND<1	ND<1	ND<1	0.802	0.2070	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	11-Jan-11	1.8	ND<1	ND<1	ND<1	ND<1	0.198	0.0280	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Feb-11	0.9 J	ND<1	ND<1	ND<1	ND<1	0.752	0.0120	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	10-Mar-11	1.8	ND<1	ND<1	ND<1	ND<1	2.34	0.0190	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	1.4	ND<1	ND<1	ND<1	ND<1	0.43	0.1180	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	0.5 J	ND<1	ND<1	ND<1	ND<1	0.37	0.1600	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	1.7	ND<1	ND<1	ND<1	ND<1	1.30	0.0610	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	0.5 J	ND<1	ND<1	ND<1	ND<1	0.27	0.1430	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	0.8 J	ND<1	ND<1	ND<1	ND<1	0.64	0.1320	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	9/15/2011 [2/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Oct-11	4.5	0.18 J	0.53	ND<0.5	0.15	-	-	0.40 J	ND<0.5	ND<0.5	0.36 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	4.4	0.15 J	0.60	ND<0.5	0.25	-	-	0.59	ND<0.5	ND<0.5	0.82 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	2.2	0.11 J	0.43 J	0.11 J	0.13	-	-	0.28 J	ND<0.5	ND<0.5	0.50 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	1.4	ND<0.5	0.33 J	0.15 J	0.20 J	-	-	0.22 J	ND<0.5	ND<0.5	0.37 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	1.9	0.11 J	0.40 J	0.18 J	ND<0.5	-	-	0.28 J	ND<0.5	ND<0.5	0.38 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	2.2	0.12 J	0.29 J	ND<0.5	0.11 J	-	-	0.02 J	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	1.1	ND<0.5	0.24 J	0.19 J	0.18 J	-	-	0.18 J	ND<0.5	ND<0.5	0.52 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	0.9	ND<0.5	0.19 J	0.21 J	ND<0.5	-	-	0.14 J	ND<0.5	ND<0.5	3.0 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Jun-12	1.0	ND<0.5	0.21 J	0.22 J	0.21 J	-	-	0.14 J	ND<0.5	ND<0.5	0.87 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	1.6	ND<0.5	0.28 J	ND<0.5	ND<0.5	-	-	0.22 J	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	ND<2	0.37 J	0.11 J	0.15 J	ND<0.5
	18-Sep-12	0.76	ND<0.5	0.21 J	0.26 J	ND<0.5	-	-	0.13 J	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	11-Jan-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
RW-8 [3/]	13-Oct-10	ND<1	ND<1	ND<1	ND<1	ND<1	10.8	0.13	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	16-Nov-10	ND<1	ND<1	ND<1	ND<1	ND<1	8.29	0.42	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	14-Dec-10	ND<1	ND<1	ND<1	ND<1	ND<1	6.96	1.83	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	22.4	0.06	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Feb-11	ND<1	ND<1	ND<1	ND<1	ND<1	11.2	0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	10-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	4.34	0.23	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	ND<1	ND<1	ND<1	ND<1	ND<1	7.23	1.24	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	1.58	0.57	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	5.48	2.52	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	11.6	0.05	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	9.81	0.05	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	ND<5	ND<5	ND<5	ND<5	-	-	ND<5	ND<5	ND<1	4.4 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.40 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.80 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.52 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.42 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.46 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	0.12 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.4 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.44 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-8 was shut down on April 30, 2012 with EPA approval.															
	17-May-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	2.4 J,B	0.94	ND<0.5	0.99 J	0.41 J
	20-Jun-12	0.11 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.63 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	0.12 J	ND<0.5	ND<1	ND<0.5
	27-Aug-12	0.11 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Sep-12	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5

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)	Total Iron (mg/L)	Dissolved Iron (mg/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**	**300**	**300**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-9 [3/]	13-Oct-10	ND<1	ND<1	ND<1	ND<1	ND<1	53.30	0.027	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	16-Nov-10	ND<1	ND<1	ND<1	ND<1	ND<1	3.18	0.723	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	14-Dec-10 [1/]	ND<1	ND<1	ND<1	ND<1	ND<1	3.36	1.130	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.79	0.143	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Feb-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.55	0.034	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	10-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	0.65	0.048	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	ND<1	ND<1	ND<1	ND<1	ND<1	5.26	0.991	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	3.53	0.389	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	0.50	0.054	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	5.06	0.030	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	5.34	0.060	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	ND<5	ND<5	ND<5	ND<5	-	-	ND<5	ND<5	ND<5	4.6 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.42 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	ND<0.5	ND<0.5	ND<0.5	0.16	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.82 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.51 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.14 J	-	-	ND<0.5	ND<0.5	ND<0.5	0.44 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.37 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.6 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.48 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-9 was shut down on April 23, 2012 with EPA approval.															
	17-May-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	2.3 B	0.75	ND<0.5	0.57 J	0.19 J
	20-Jun-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.65 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Sep-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	11-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	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5

ND: Not detected
<#: Less than method detection limit
ug/L: Micrograms per liter
-: Not analyzed

PCE: Tetrachloroethylene
MTBE: Methyl-tertiary-butyl-ether

TCE: Trichloroethylene
NS: Not sampled

TCA: 1,1,1-Trichloroethane

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

[1/] Chloromethane, a constituent not previously detected, was detected in the groundwater sample collected from RW-9 at a concentration of 1.8 ug/l.
[2/] RW-7 was not sampled because the RW-7 pump was not operable at the time of the sampling event.
[3/] Starting in June 2012 groundwater samples from these recovery wells are collected via low-flow methods.

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**	**NE**	**NE**
11-Nov-10	**48**	2.9	**6.2**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
7-Dec-10	**7.6**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
4-Jan-11	**110**	2.7	4.7	ND<1	ND<1	2.6	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
The FRWs were restarted on January 20, 2011																			
20-Jan11 (10:00 AM)	**5.5**	2.9	**60**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
20-Jan11 (1:30 PM)	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
25-Jan-11	**6.4**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Feb-11	**46**	ND<1	ND<1	ND<1	ND<1	0.55 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
10-Mar-11	**68**	ND<1	ND<1	ND<1	ND<1	0.58 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
26-Apr-11	**22**	ND<1	1.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
11-May-11	**13**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
6-Jun-11	**46**	7.2	**9.9**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-11	**18**	0.6	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
18-Aug-11	**22**	1.2	**5.4**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	**37**	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<1	ND<1	ND<1	ND<5	ND<5	ND<10	4.4 J,B	ND<5	4.0 J,B
11-Oct-11	**16**	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<1	ND<1	ND<1	ND<5	ND<5	ND<10	5.0 J,B	ND<5	--
8-Nov-11	**38**	0.41 J	0.18 J	ND<0.5	ND<0.5	0.26 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.87 J,B	ND<0.5	ND<2
20-Dec-11	**74**	2.4	**12**	ND<0.5	0.34 J	1.4	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.28 J,B	0.36 J,B	ND<0.5	ND<2
24-Jan-12	**52**	1.5 J	**6.6**	ND<0.5	ND<5	ND<5	ND<0.5	ND<5	ND<20	2.2 J	2.3 J	**2.2 J**	4.7 J	**8.8 J**	**12**	2.3 J,B	14 J,B	ND<0.5	ND<20
14-Feb-12	**66**	2.0 J	**8.0**	ND<0.5	ND<6	ND<5	ND<0.5	1.4 J	1.0 J	4.3 J	3.1 J	**1.2 J**	3.0 J	**9.0 J**	2.3 J	3.8 J,B	18 J,B	ND<0.5	32.0
19-Mar-12	**37**	1.0	3.0	ND<0.5	ND<0.5	0.24 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.12 J	1.5 J,B	ND<0.5	ND<2
10-Apr-12	**63**	1.0	1.8	ND<0.5	ND<0.5	0.98	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.12 J,B	0.63 J,B	ND<0.5	ND<2
The FRWs were shut down on April 19, 2012																			
17-May-12	**290**	**14**	**170**	0.25 J	0.54	**7.1**	1.2	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.19 J,B	2.6 B	ND<0.5	2.7 B
The FRWs were restarted on June 7, 2012																			
20-Jun-12	**52**	3.7	**10**	ND<0.5	ND<0.5	1.0	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.2 J,B	5.6 B	ND<0.5	ND<2
10-Jul-12	**21**	2.2	**31**	ND<0.5	ND<0.5	0.17 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4 J,B	ND<0.5	ND<2
The FRWs were shut down on July 30, 2012																			
21-Aug-12	**48**	**15**	**150**	0.29 J	1.7	3.1	1.0	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.15 J	1.2 J,B	ND<2	ND<0.5	ND<2
4-Sep-12	**130**	**38**	**130**	0.35 J	ND<0.5	4.8	1.3	ND<0.5	ND<2	ND<0.5	0.23 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.32 J	2.4 B
19-Sep-12	**130**	**39**	**170**	0.32 J	0.8	5.8	1.4	ND<0.5	ND<2	ND<0.5	0.20 J	ND<0.5	ND<0.5	ND<0.5	0.10 J	ND<0.5	ND<2	ND<0.5	ND<2
31-Oct-12	**23**	**10**	**190**	ND<5	8.0	3.5	1.9	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	1.7	2.0	ND<20	ND<5	ND<20

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

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

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

TABLE 6

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

Recovery Well FRW-2 VOC Concentrations, micrograms per liter

FRW-2														
Date	**PCE**	**TCE**	**cis12DCE**	**T12DCE**	**VC**	**TCA**	**11DCA**	**Toluene**	**Napthalene**	**Chloroform**	**EB**	**Benzene**	**MC**	**Acetone**
ARARs	**5**	**5**	**5**	**5**	**1 [1]**	**5**	**5**	**5**	**NE**	**7**	**5**	**--**	**5**	**NE**
16-Sep-10	**150**	**18.0**	**34**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	**9.8**	ND<1	ND<1	ND<1	ND<1
13-Oct-10	**110**	**7.7**	**35**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	1.8	0.39 J	ND<1	ND<1	ND<1
11-Nov-10	2.2	ND<1	4.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
7-Dec-10	**5.0**	ND<1	3.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
4-Jan-11	**35**	2.2	4.6	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	0.3 J	ND<1	ND<1	ND<1	ND<1
The FRWs were restarted on January 20, 2011														
20-Jan-11 (10:02 AM)	**17**	1.7	2.6	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
20-Jan-11 (1:32 PM)	2.3	ND<1	0.5 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
25-Jan-11	**7.1**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Feb-11	**18**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
10-Mar-11	**39**	ND<1	2.9	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
26-Apr-11	**8.7**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
11-May-11	**7.1**	1.0	**9.9**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
6-Jun-11	**26**	0.8 J	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-11	**6.8**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
18-Aug-11	**7.5**	1.4	**7.8**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	**24**	1.4 J	1.4 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	4.0 J,B	3.9 J,B
11-Oct-11	**32**	2.5 J	**6.7**	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	4.0 J,B	--
8-Nov-11	**27**	2.7	**16**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.33 J	ND<2	ND<0.5	ND<0.5	0.11 J	0.77 J,B	ND<2
20-Dec-11	**46**	0.77	1.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.20 J,B	ND<0.5	ND<0.5	ND<0.5	0.35 J,B	ND<2
24-Jan-12	**28**	0.42 J	0.9	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.13 J,B	ND<0.5	ND<0.5	ND<0.5	0.46 J,B	ND<2
14-Feb-12	**16**	0.28 J	0.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.33 J	0.18 J,B	ND<0.5	ND<0.5	ND<0.5	0.58 J,B	ND<2
19-Mar-12	**25**	1.8	4.6	ND<0.5	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	0.10 J	1.8 J,B	ND<2
10-Apr-12	**50**	0.78	0.39 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.49 J,B	ND<2
The FRWs were shut down on April 19, 2012														
17-May-12	**24**	4.5	**76**	ND<0.5	0.42 J	0.25 J	ND<0.5	ND<0.5	0.14 J,B	0.12 J	0.14 J	0.12 J	2.6 B	2.4 B
The FRWs were restarted on June 7, 2012														
20-Jun-12	**48**	0.83	0.32 J	ND<0.5	ND<0.5	0.13 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	4.6 B	1.3 J,B
10-Jul-12	**40**	4.9	**17**	ND<0.5	0.70	0.12 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	0.13 J	1.2 J,B	ND<2
The FRWs were shut down on July 30, 2012														
21-Aug-12	**40**	**8.5**	**87**	0.24 J	0.57	0.37 J	0.13 J	0.12 J	0.73 J,B	0.54	0.17 J	0.23 J	ND<2	1.0 J,B
4-Sep-12	**59**	**9.8**	**68**	0.15 J	ND<5	0.43 J	0.16 J	0.14 J	ND<2	0.48 J	0.28 J	0.33 J	ND<2	3.5 B
19-Sep-12	**69**	**13**	**42**	0.13 J	0.29 J	0.51 J	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

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.

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

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

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

TABLE 7

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

Recovery Well FRW-3 VOC Concentrations, micrograms per liter

FRW-3																					
Date	**PCE**	**TCE**	**cis12DCE**	**VC**	**11DCA**	**TCA**	**135TMB**	**IPB**	**NPB**	**o-Xylene**	**EB**	**m-&p-Xylenes**	**Toluene**	**Napthalene**	**p-IPT**	**SBB**	**TBB**	**MC**	**Benzene**	**n-Butylbenzene**	**Acetone**
ARARs	**5**	**5**	**5**	**1 [1]**	**5**	**5**	**5 [1]**	**5 [1]**	**5 [1]**	**5**	**5**	**5**	**5**	**10 [1]**	**NE**	**5 [1]**		**5**			**NE**
11-Nov-10	ND<1	ND<1	**11**	ND<1	ND<1	ND<1	ND<1	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
7-Dec-10	1.9	ND<1	4.7	ND<1	ND<1	ND<1	ND<1	1.2	0.53 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
4-Jan-11	**13**	0.8 J	**5.6**	ND<1	ND<1	ND<1	ND<1	0.93 J	0.38 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
The FRWs were restarted on January 20, 2011																					
20-Jan-11 (10:04 AM)	**7.6**	ND<1	**5.2**	ND<1	ND<1	ND<1	ND<1	0.78 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
20-Jan-11 (1:34 PM)	ND<1	ND<1	1.8	ND<1	ND<1	ND<1	ND<1	0.84 J	0.40 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
25-Jan-11	ND<1	1.3	2.6	ND<1	ND<1	ND<1	ND<1	0.60 J	0.40 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Feb-11	**26**	1.4	**5.4**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
10-Mar-11	**19**	2.6	**17**	ND<1	ND<1	ND<1	ND<1	0.60 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
26-Apr-11	**60**	2.8	**11**	ND<1	ND<1	ND<1	ND<1	0.67 J	0.56 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
11-May-11	**85**	3.5	**13**	ND<1	ND<1	ND<1	ND<1	0.69 J	0.52 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
6-Jun-11	**80**	**12**	**47**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-11	**26**	ND<1	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
18-Aug-11	**11**	1.8	**7.3**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	**16**	1.5 J	2.4 J	ND<5	ND<5	ND<5	ND<5	3.6 J	3.0 J	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	4.5 J,B	ND<5	ND<5	4.4 J,B
11-Oct-11	**28**	2.5	**15**	ND<5	ND<5	2.5 J	ND<5	1.6 J	1.0 J	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	4.6 J,B	ND<5	ND<5	--
8-Nov-11	**36**	0.78	3.0	ND<0.5	ND<0.5	0.22 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.75 J,B	ND<0.5	ND<0.5	ND<2
20-Dec-11	**68**	4.3	**9.7**	0.28 J	0.21 J	0.74	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.43 J,B	ND<0.5	ND<0.5	ND<2
24-Jan-12	**23**	1.7	**12**	0.64	ND<0.5	ND<0.5	ND<0.5	1.8	0.9	ND<0.5	0.12 J	ND<0.5	0.16 J	0.12 J,B	ND<0.5	ND<0.5	ND<0.5	0.34 J,B	ND<0.5	ND<0.5	ND<2
14-Feb-12	**22**	1.3	3.4	0.33 J	ND<0.5	ND<0.5	0.27 J	1.8	1.4	ND<0.5	0.10 J	0.15 J	0.10 J	0.19 J,B	ND<0.5	ND<0.5	ND<0.5	0.38 J,B	ND<0.5	ND<0.5	ND<2
19-Mar-12	**12**	1.1	4.0	0.14 J	ND<0.5	ND<0.5	0.19 J	1.7	0.97	ND<0.5	0.18 J	0.15 J	0.11 J	0.12 J	0.17 J	0.11 J	ND<0.5	1.5 J,B	ND<0.5	ND<0.5	ND<2
10-Apr-12	**23**	1.0	**5.3**	0.16 J	ND<0.5	ND<0.5	0.18 J	1.6	0.99	ND<0.5	ND<0.5	0.12 J	ND<0.5	0.13 J	0.20 J	0.11 J	ND<0.5	0.47 J	ND<0.5	ND<0.5	ND<2
The FRWs were shut down on April 19, 2012																					
17-May-12	**31**	**5.5**	**31**	1.3	0.20 J	0.18 J	ND<0.5	1.6	1.2	ND<0.5	0.11 J	0.11 J	0.21 J	0.14 J,B	0.14 J	0.10 J	ND<0.5	2.8 B	ND<0.5	ND<0.5	2.6 B
The FRWs were restarted on June 7, 2012																					
20-Jun-12	**65**	2.5	2.9	ND<0.5	ND<0.5	0.30 J	0.15 J	2.0	1.3	0.13 J	0.15 J	0.15 J	0.11 J	0.16 J,B	0.22 J	0.14 J	ND<0.5	6.5 B	ND<0.5	ND<0.5	ND<2
10-Jul-12	**23**	4.2	3.1	0.26 J	ND<0.5	ND<0.5	0.17 J	1.8	1.3	ND<0.5	0.12 J	0.14 J	0.12 J	0.12 J,B	0.20 J	0.12 J	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<2
The FRWs were shut down on July 30, 2012																					
21-Aug-12	**32**	**8.2**	**41**	1.0	0.20 J	0.39 J	ND<0.5	0.70	0.46 J	ND<0.5	ND<0.5	ND<0.5	0.12 J	0.53 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<2
4-Sep-12	**34**	**6.6**	**34**	ND<0.5	0.14 J	0.35 J	0.16 J	2.1	2.1	ND<0.5	ND<0.5	ND<0.5	0.43 J	0.12 J,B	0.18 J	0.17 J	0.12 J	0.27 J,B	0.26 J	0.13 J	2.0 B
19-Sep-12	**15**	**4.6**	**45**	0.92	0.14 J	0.29 J	ND<0.5	0.53	0.16 J	ND<0.5	ND<0.5	ND<0.5	0.15 J	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<2	0.22 J	ND<0.5	2.7 B
31-Oct-12	**25**	**8.8**	**37**	1.50	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

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.
1. NYSDEC

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**	**IPB**	**NPB**	**NBB**	**m-&p-Xylenes**	**o-Xylene**	**Napthalene**	**MC**	**lorobenze**	**Acetone**
ARARs	**5**	**5**	**5**	**1 [1/]**	**5**	**5 [1/]**	**5 [1/]**	**5 [1/]**	**5**	**5**	**NE**	**5**		**NE**
11-Nov-10	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
7-Dec-10	0.58 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
4-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
The FRWs were restarted on January 20, 2011														
20-Jan-11 (10:06 AM)	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
20-Jan-11 (1:36 PM)	1.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
25-Jan-11	1.3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Feb-11	2.3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
10-Mar-11	4.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
26-Apr-11	1.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
11-May-11	3.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
6-Jun-11	2.8	ND<1	0.7 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-11	2.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
18-Aug-11	2.8	ND<1	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	**22**	0.99 J	3.1 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<10	4.8 J,B	ND<5	4.5 J,B
11-Oct-11	**13**	2.0 J	1.6 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<10	4.3 J,B	ND<5	--
8-Nov-11	**30**	1.8	**6.0**	ND<0.5	0.19 J	0.19 J	0.13 J	ND<0.5	ND<1	ND<0.5	ND<2	0.77 J,B	ND<0.5	ND<2
20-Dec-11	**39**	1.7	2.4	ND<0.5	0.44 J	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	0.21 J,B	0.47 J,B	ND<0.5	ND<2
24-Jan-12	**15**	0.83	4.6	ND<0.5	0.13 J	0.12 J	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	0.31 J,B	ND<0.5	1.2 J,B
14-Feb-12	**25**	0.98	3.3	ND<0.5	0.14 J	0.15 J	0.10 J	ND<0.5	ND<1	ND<0.5	0.13 J,B	0.55 J,B	ND<0.5	ND<2
19-Mar-12	**22**	1.2	**6.8**	0.11 J	0.14 J	0.16 J	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	1.6 J,B	ND<0.5	1.2 J,B
10-Apr-12	**12**	0.79	1.8	ND<0.5	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	0.50	ND<0.5	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<0.5	ND<0.5	ND<1	ND<0.5	0.12 J,B	2.4 B	ND<0.5	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	0.15 J	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	7.1 B	ND<0.5	ND<2
10-Jul-12	**24**	3.8	4.7	ND<0.5	0.27 J	0.11 J	ND<0.5	0.11 J	0.12 J	0.16 J	1.9 J,B	1.2 J,B	ND<0.5	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<0.5	ND<0.5	ND<1	ND<0.5	0.34 J,B	ND<2	ND<0.5	ND<2
4-Sep-12	**13**	0.64	**21**	ND<0.5	0.21 J	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	ND<0.5	1.5 J,B
19-Sep-12	**6.1**	0.33 J	**25**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	0.21 J	ND<2
31-Oct-12	2.3	ND<0.5	**14**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	ND<0.5	2.8

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.

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

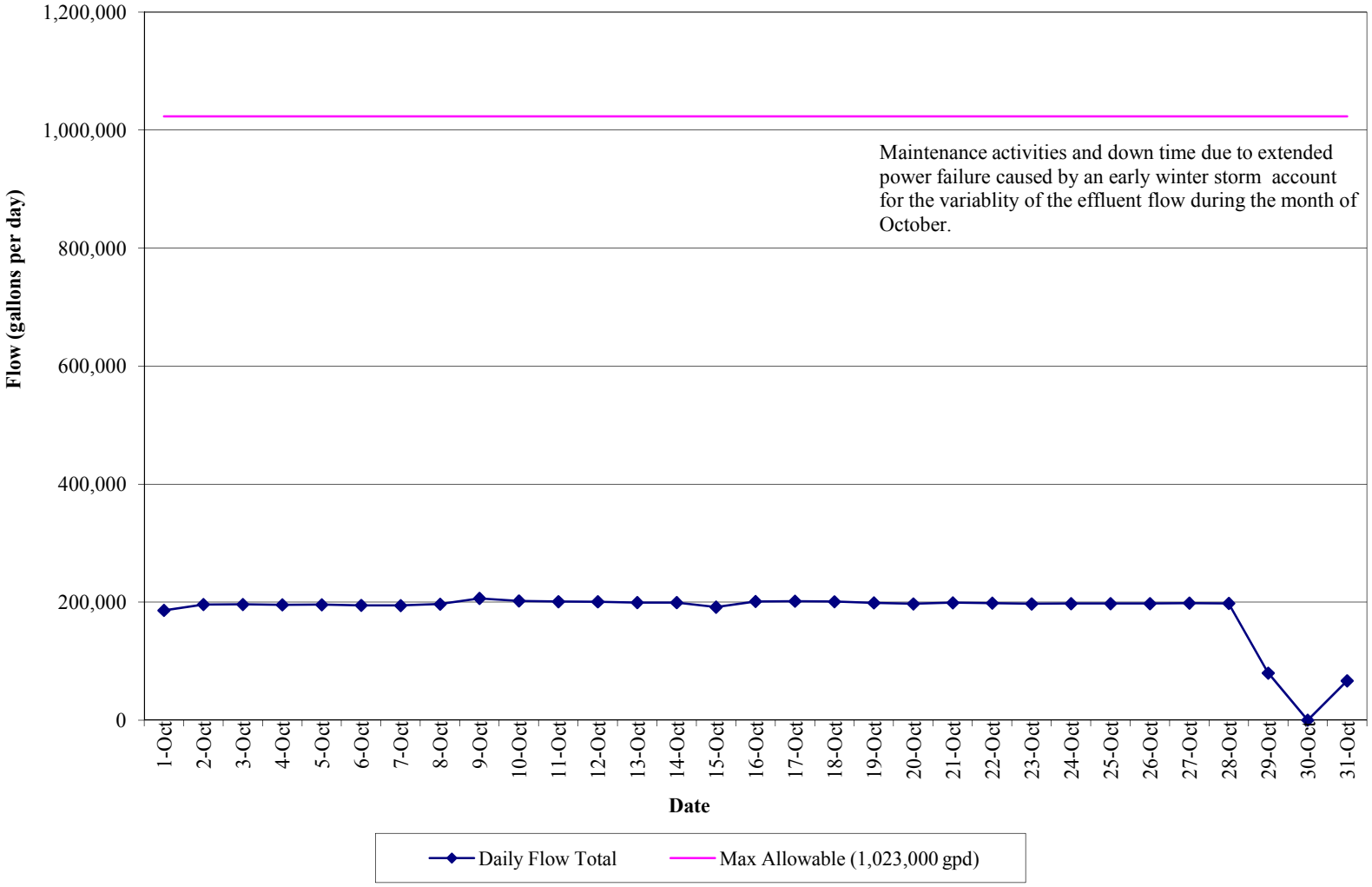
PCE: Tetrachloroethylene
TCE: Trichloroethene
cis12DCE: cis-1,2-Dichloroethene
TCA: 1,1,1-Trichloroethane
IPB: Isopropylbenzene
NPB: n-Propylbenzene
NBB: n-Butylbenzene
VC: Vinyl Chloride
MC: Metylene Chloride

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

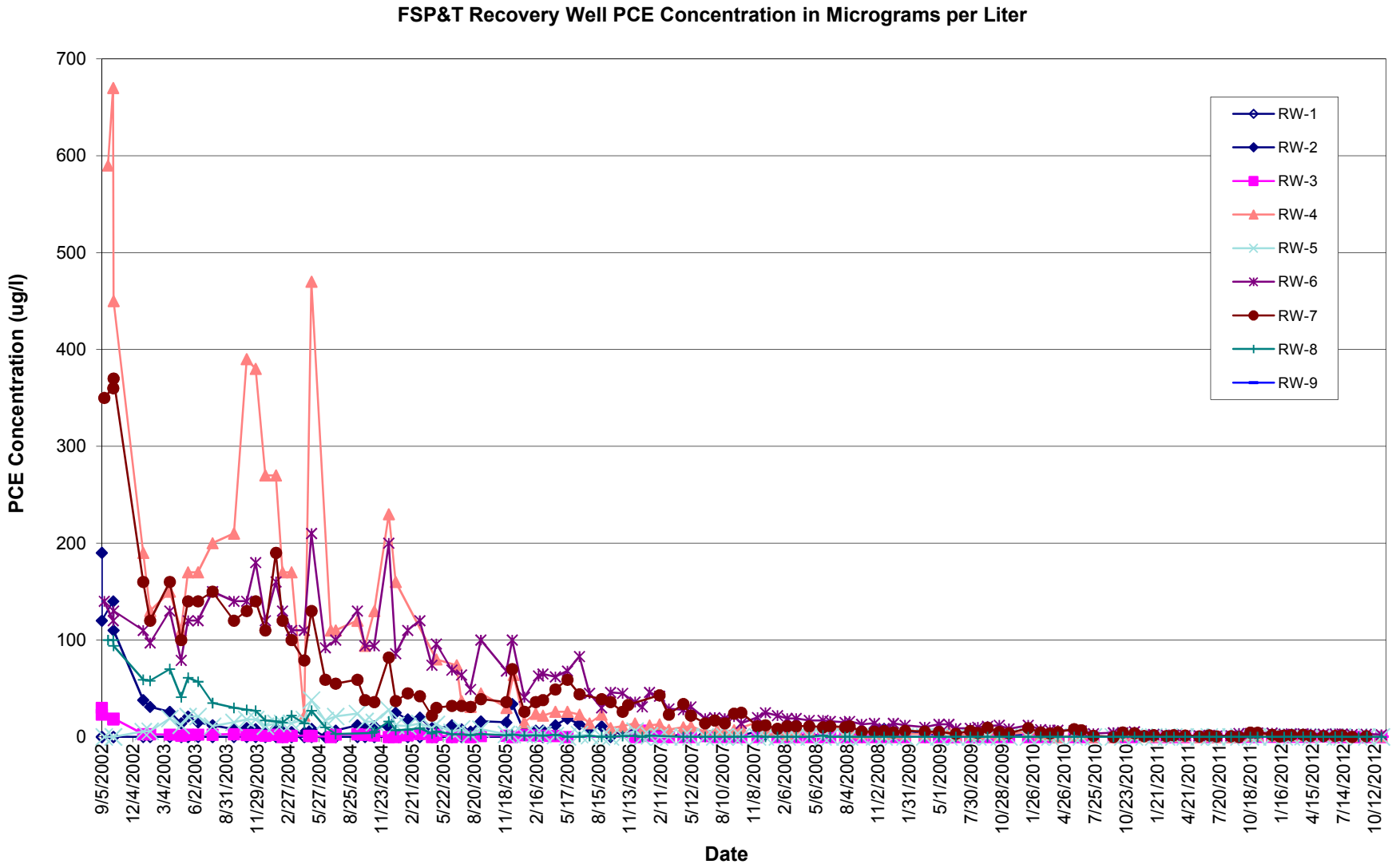
GRAPH 1
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Effluent Flow Data
(October 1, 2012 to October 31, 2012)



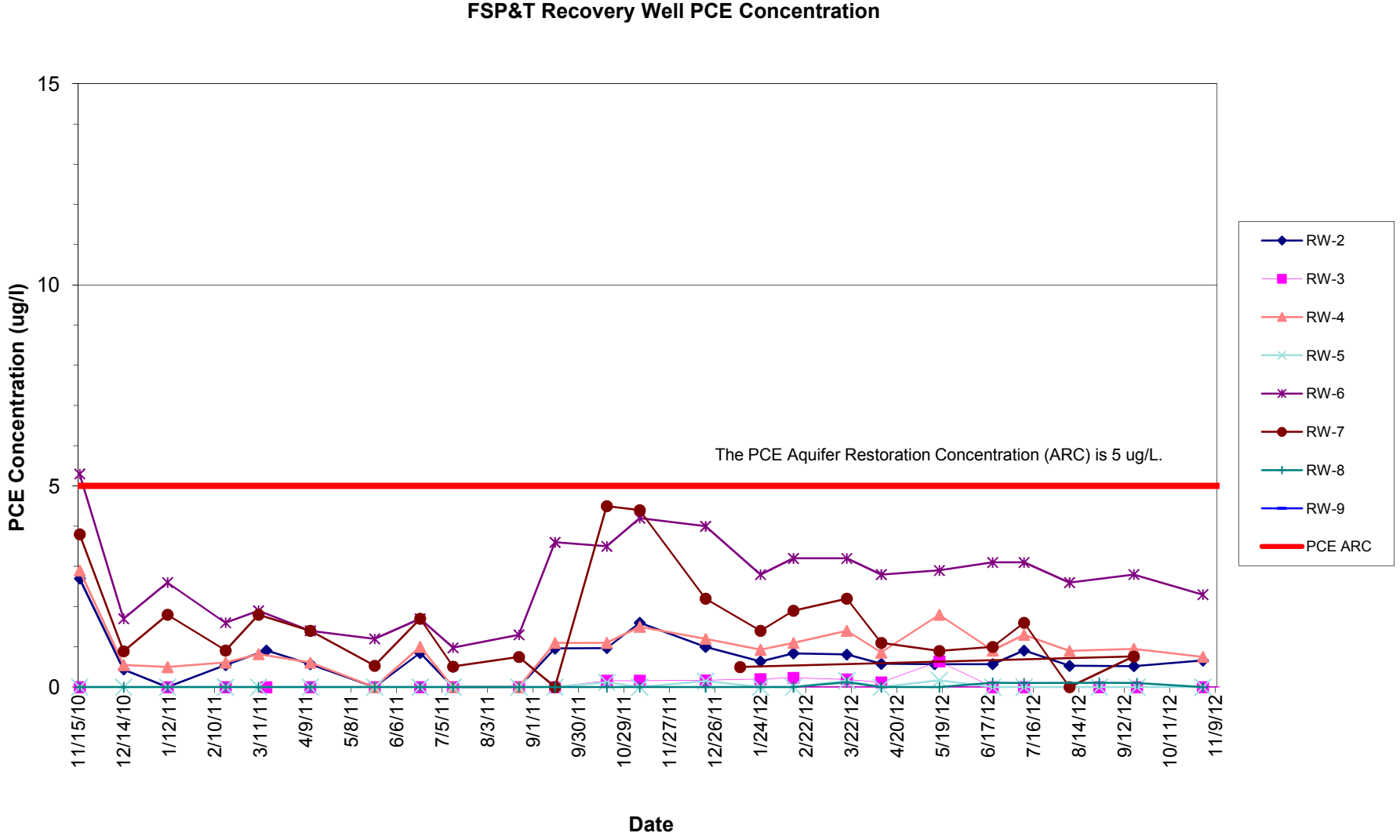
GRAPH 2

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



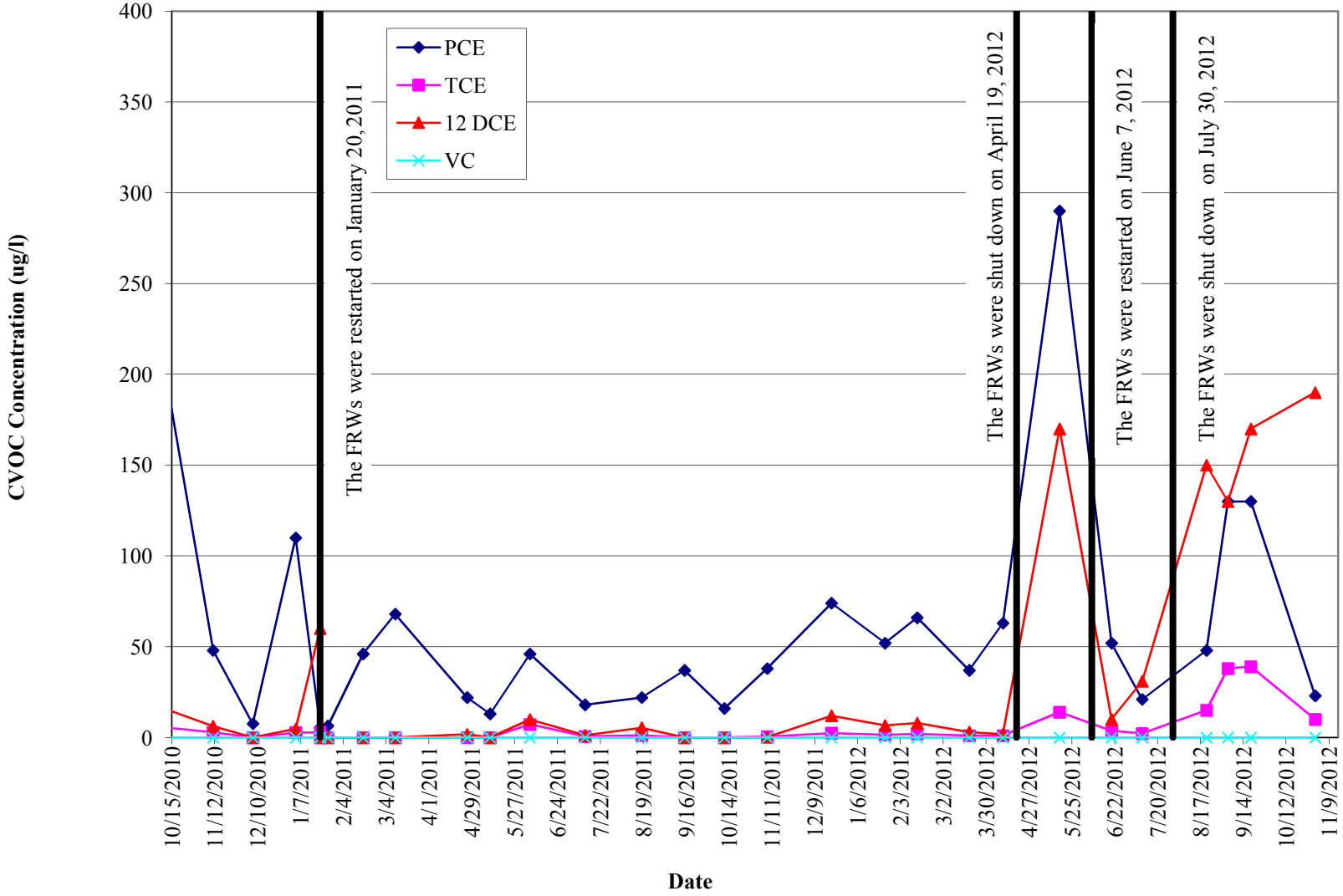
GRAPH 3

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



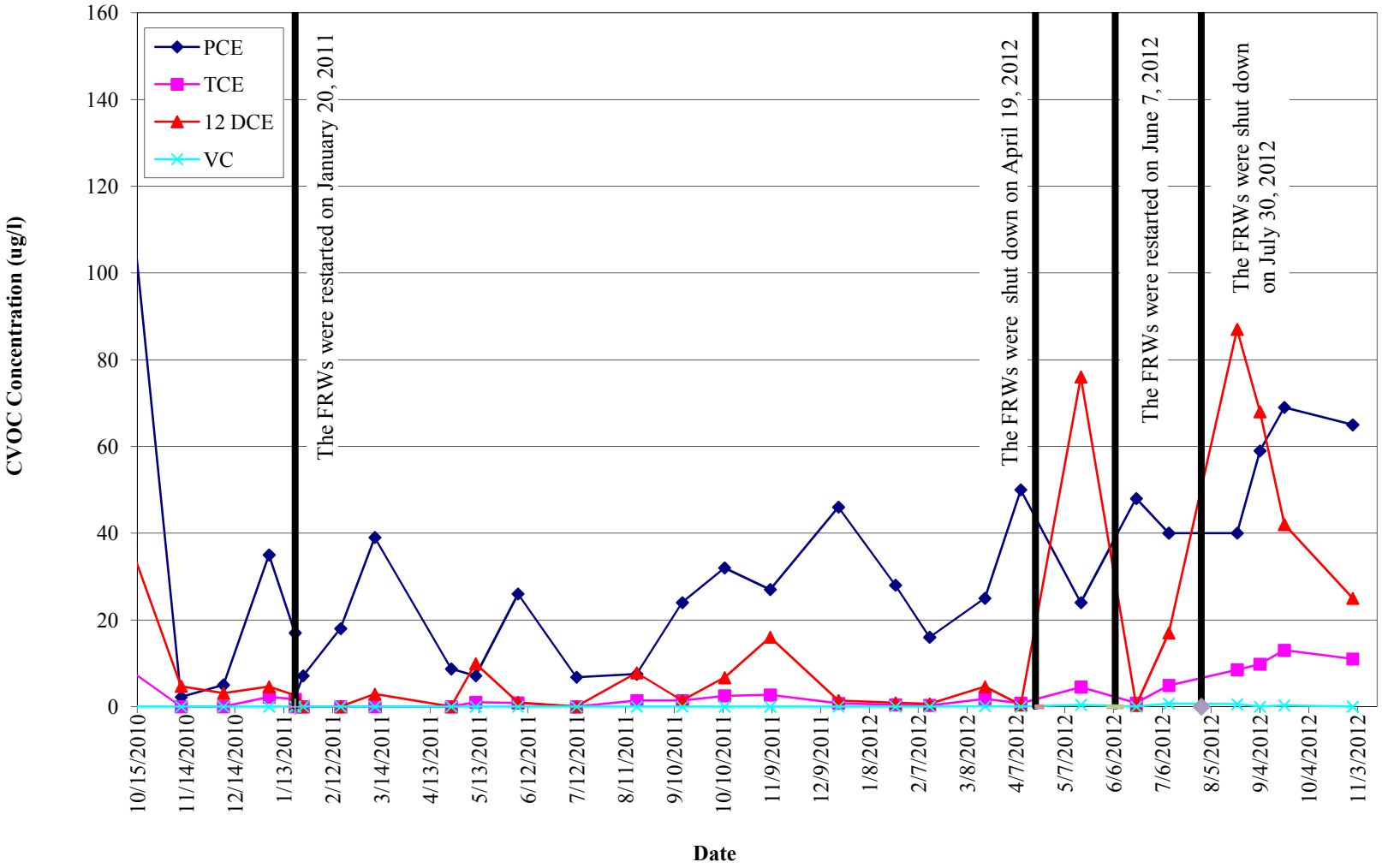
GRAPH 4
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-1



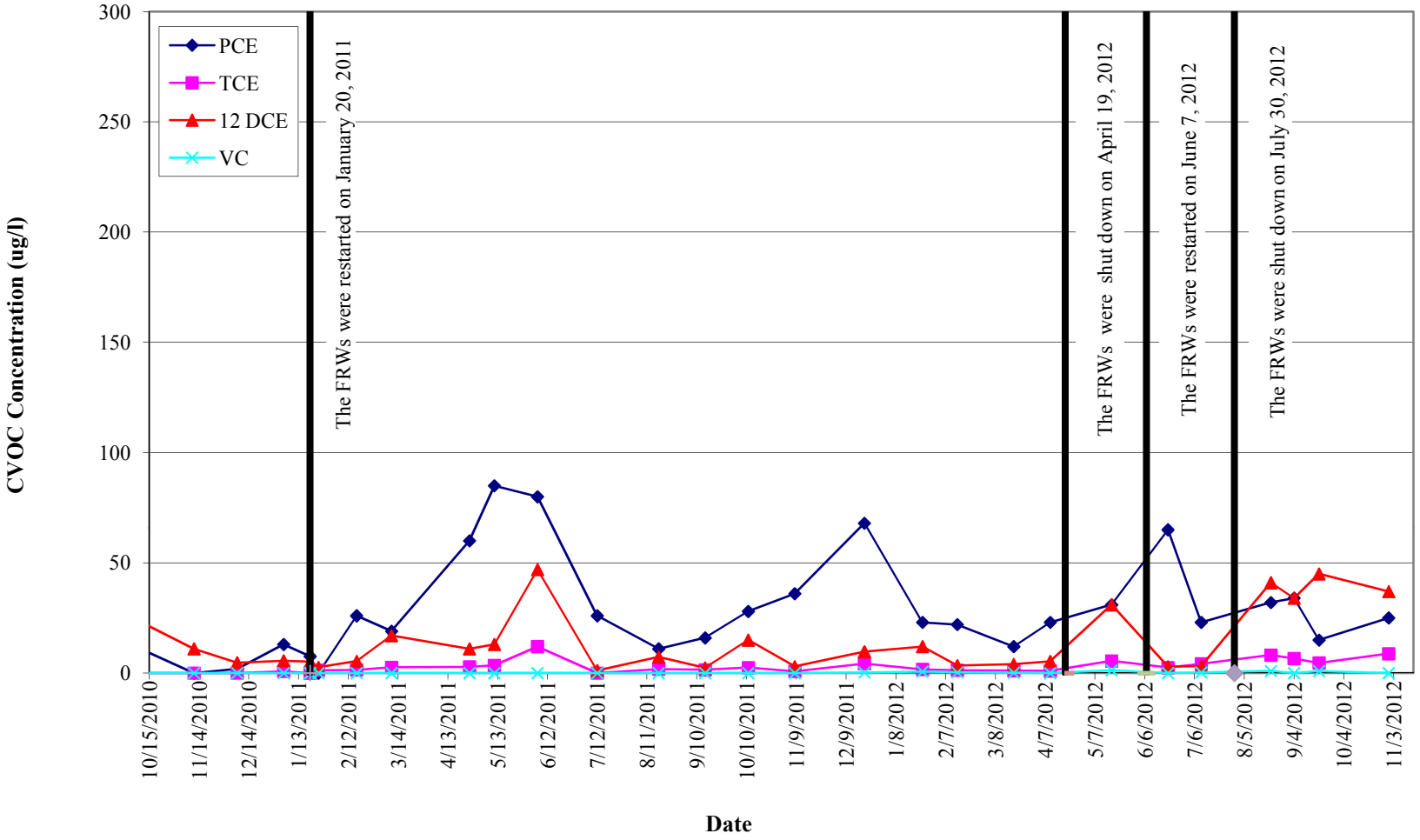
GRAPH 5
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-2



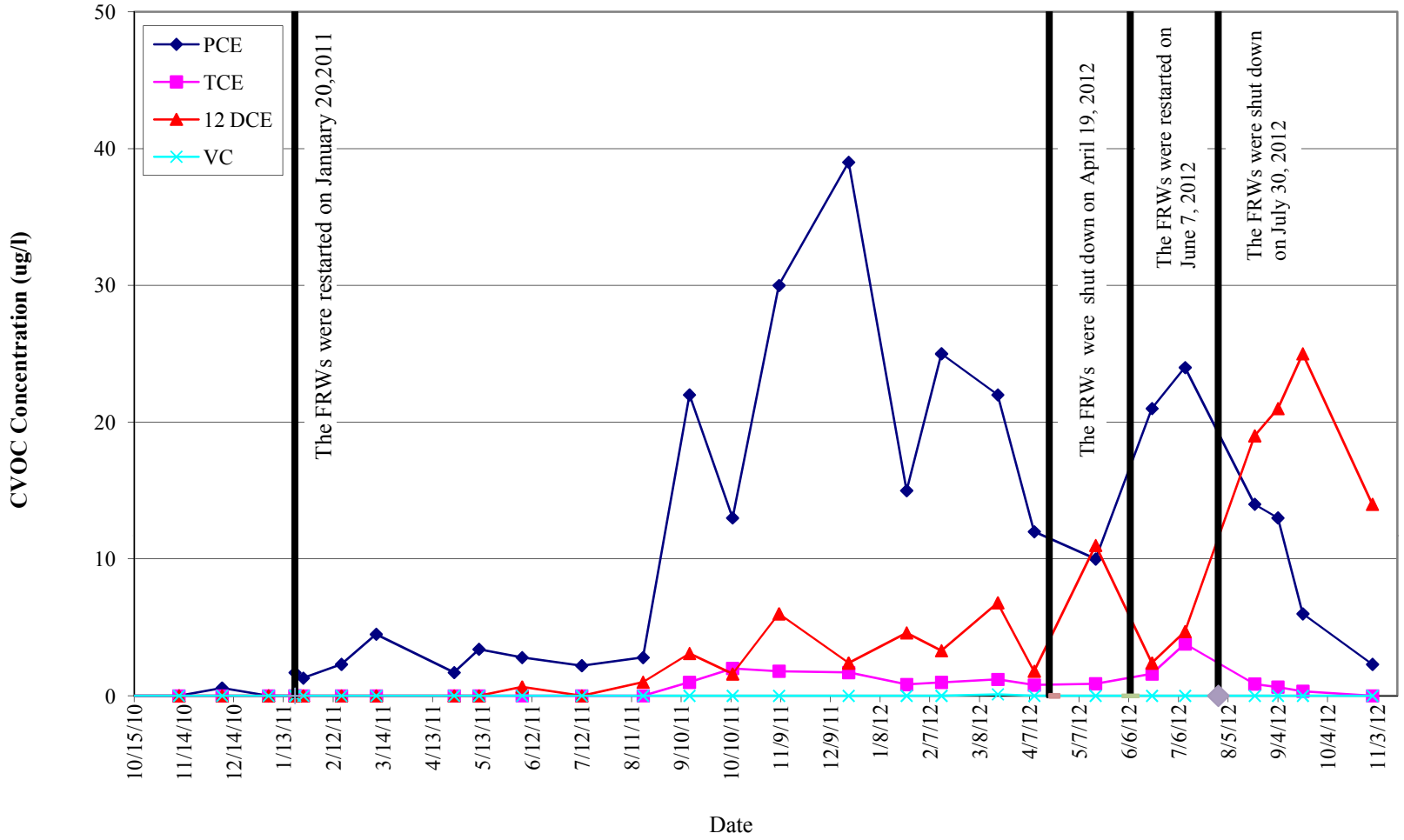
GRAPH 6
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

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
OCTOBER 2012 LABORATORY ANALYTICAL REPORTS
FOR FSP&T SYSTEM

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 10/11/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12J0207

Report Date: 10/11/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12J0207

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde 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 October 03, 2012 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
12J0207-01	WQ100112:1100NP2-6	Water	10/01/2012	10/03/2012
12J0207-02	WQ100112:1105NP2-7	Water	10/01/2012	10/03/2012
12J0209-01	WQ100112:1110NP2-10	Water	10/01/2012	10/03/2012

General Notes for York Project (SDG) No.: 12J0207

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

Approved By:  **Date:** 10/11/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ100112:1100NP2-6 **York Sample ID:** 12J0207-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0207	Rowe Industries	Water	October 1, 2012 11:00 am	10/03/2012

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	0.071	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
71-55-6	1,1,1-Trichloroethane	**0.67**		ug/L	0.024	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
75-34-3	1,1-Dichloroethane	**0.33**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
67-64-1	Acetone	**1.2**	J	ug/L	0.90	2.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS

Sample Information

Client Sample ID: WQ100112:1100NP2-6 **York Sample ID:** 12J0207-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0207	Rowe Industries	Water	October 1, 2012 11:00 am	10/03/2012

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	0.090	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
67-66-3	Chloroform	**0.24**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
75-09-2	Methylene chloride	**0.50**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
91-20-3	Naphthalene	**0.15**	J	ug/L	0.090	2.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
127-18-4	Tetrachloroethylene	**0.86**		ug/L	0.070	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
79-01-6	Trichloroethylene	**0.11**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 01:29	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.7 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81.2-127*

Sample Information

Client Sample ID: WQ100112:1100NP2-6 **York Sample ID:** 12J0207-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0207	Rowe Industries	Water	October 1, 2012 11:00 am	10/03/2012

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	**0.158**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	10/04/2012 15:30	10/04/2012 20:43	MW

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**1.50**		mg/L	0.0100	0.0100	1	EPA 200.7	10/04/2012 15:30	10/04/2012 20:49	MW

Sample Information

Client Sample ID: WQ100112:1105NP2-7 **York Sample ID:** 12J0207-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0207	Rowe Industries	Water	October 1, 2012 11:05 am	10/03/2012

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	0.071	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS

Sample Information

Client Sample ID: WQ100112:1105NP2-7 **York Sample ID:** 12J0207-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0207	Rowe Industries	Water	October 1, 2012 11:05 am	10/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
67-64-1	Acetone	**1.1**	J	ug/L	0.90	2.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
75-09-2	Methylene chloride	**0.45**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
91-20-3	Naphthalene	**0.10**	J	ug/L	0.090	2.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS

Sample Information

Client Sample ID: WQ100112:1105NP2-7 **York Sample ID:** 12J0207-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0207	Rowe Industries	Water	October 1, 2012 11:05 am	10/03/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:03	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.0 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*98.6 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.124**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	10/04/2012 15:30	10/04/2012 20:54	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**1.32**		mg/L	0.0100	0.0100	1	EPA 200.7	10/04/2012 15:30	10/04/2012 20:59	MW

Sample Information

Client Sample ID: WQ100112:1110NP2-10 **York Sample ID:** 12J0209-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0209	Rowe Industries	Water	October 1, 2012 1:10 am	10/03/2012

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	0.071	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS

Sample Information

Client Sample ID: WQ100112:1110NP2-10 **York Sample ID:** 12J0209-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0209	Rowe Industries	Water	October 1, 2012 1:10 am	10/03/2012

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
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS

Sample Information

Client Sample ID: WQ100112:1110NP2-10 **York Sample ID:** 12J0209-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0209	Rowe Industries	Water	October 1, 2012 1:10 am	10/03/2012

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	0.067	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
75-09-2	Methylene chloride	**0.51**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	10/08/2012 17:07	10/09/2012 02:37	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.8 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.6 %*	*81.2-127*

Sample Information

Client Sample ID: WQ100112:1110NP2-10 **York Sample ID:** 12J0209-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0209	Rowe Industries	Water	October 1, 2012 1:10 am	10/03/2012

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	**0.200**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	10/04/2012 15:30	10/04/2012 21:05	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**2.04**		mg/L	0.0100	0.0100	1	EPA 200.7	10/04/2012 15:30	10/04/2012 21:10	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	**137**		mg/L	1.00	1.00	1	SM 2540C	10/08/2012 12:35	10/09/2012 12:35	ALD

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BJ20289 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12J0207-01	WQ100112:1100NP2-6	10/04/12
12J0207-01	WQ100112:1100NP2-6	10/04/12
12J0207-02	WQ100112:1105NP2-7	10/04/12
12J0207-02	WQ100112:1105NP2-7	10/04/12
12J0209-01	WQ100112:1110NP2-10	10/04/12
12J0209-01	WQ100112:1110NP2-10	10/04/12
BJ20289-BLK1	Blank	10/04/12
BJ20289-BLK1	Blank	10/04/12
BJ20289-SRM1	Reference	10/04/12
BJ20289-SRM1	Reference	10/04/12

Batch ID: BJ20397 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12J0209-01	WQ100112:1110NP2-10	10/08/12
BJ20397-BLK1	Blank	10/08/12

Batch ID: BJ20418 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12J0207-01	WQ100112:1100NP2-6	10/08/12
12J0207-02	WQ100112:1105NP2-7	10/08/12
12J0209-01	WQ100112:1110NP2-10	10/08/12
BJ20418-BLK1	Blank	10/08/12
BJ20418-BS1	LCS	10/08/12
BJ20418-BSD1	LCS Dup	10/08/12

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

York Analytical Laboratories, Inc.

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

Batch BJ20418 - EPA 5030B

Blank (BJ20418-BLK1) Prepared: 10/08/2012 Analyzed: 10/09/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	0.59	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	"

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ20418 - EPA 5030B											
Blank (BJ20418-BLK1)								Prepared: 10/08/2012 Analyzed: 10/09/2012			
Styrene	ND	0.50	ug/L								
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	*9.83*		*"*	*10.0*		*98.3*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.49*		*"*	*10.0*		*94.9*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				
LCS (BJ20418-BS1)								Prepared & Analyzed: 10/08/2012			
1,1,1,2-Tetrachloroethane	11.9		ug/L	10.0		119	82.3-130				
1,1,1-Trichloroethane	12.0		"	10.0		120	75.6-137				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	71.1-129				
1,1,2-Trichloroethane	11.3		"	10.0		113	74.5-129				
1,1-Dichloroethane	12.1		"	10.0		121	79.6-132				
1,1-Dichloroethylene	12.1		"	10.0		121	80.2-146				
1,1-Dichloropropylene	11.5		"	10.0		115	75-136				
1,2,3-Trichlorobenzene	11.6		"	10.0		116	66.1-136				
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131				
1,2,4-Trichlorobenzene	11.2		"	10.0		112	70.6-136				
1,2,4-Trimethylbenzene	11.4		"	10.0		114	75.3-135				
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	58.9-140				
1,2-Dibromoethane	11.5		"	10.0		115	79-130				
1,2-Dichlorobenzene	11.0		"	10.0		110	76.1-122				
1,2-Dichloroethane	11.3		"	10.0		113	74.6-132				
1,2-Dichloropropane	11.6		"	10.0		116	76.9-129				
1,3,5-Trimethylbenzene	11.1		"	10.0		111	70.6-127				
1,3-Dichlorobenzene	10.8		"	10.0		108	77-124				
1,3-Dichloropropane	11.3		"	10.0		113	75.8-126				
1,4-Dichlorobenzene	10.9		"	10.0		109	76.6-125				
2,2-Dichloropropane	10.4		"	10.0		104	69-133				
2-Chlorotoluene	11.4		"	10.0		114	66.3-119				
2-Hexanone	10.3		"	10.0		103	70-130				
4-Chlorotoluene	10.7		"	10.0		107	69.2-127				
Acetone	6.68		"	10.0		66.8	70-130	Low Bias			
Benzene	11.7		"	10.0		117	76.2-129				
Bromobenzene	10.2		"	10.0		102	71.3-123				
Bromochloromethane	10.5		"	10.0		105	70.8-137				
Bromodichloromethane	11.8		"	10.0		118	79.7-134				
Bromoform	11.6		"	10.0		116	70.5-141				
Bromomethane	11.0		"	10.0		110	43.9-147				
Carbon tetrachloride	12.4		"	10.0		124	78.1-138				
Chlorobenzene	11.8		"	10.0		118	80.4-125				
Chloroethane	10.9		"	10.0		109	55.8-140				
Chloroform	11.5		"	10.0		115	76.6-133				
Chloromethane	9.48		"	10.0		94.8	48.8-115				
cis-1,2-Dichloroethylene	11.6		"	10.0		116	75.1-128				
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ20418 - EPA 5030B											
LCS (BJ20418-BS1)							Prepared & Analyzed: 10/08/2012				
Dibromochloromethane	12.1		ug/L	10.0		121	79.8-134				
Dibromomethane	11.6		"	10.0		116	79-130				
Dichlorodifluoromethane	8.34		"	10.0		83.4	47.1-101				
Ethyl Benzene	12.0		"	10.0		120	80.8-128				
Hexachlorobutadiene	11.5		"	10.0		115	64.8-128				
Isopropylbenzene	12.2		"	10.0		122	75.5-135				
Methyl tert-butyl ether (MTBE)	11.6		"	10.0		116	65.1-140				
Methylene chloride	8.09		"	10.0		80.9	61.3-120				
Naphthalene	11.2		"	10.0		112	62.3-148				
n-Butylbenzene	10.9		"	10.0		109	67.2-123				
n-Propylbenzene	11.2		"	10.0		112	70.5-127				
o-Xylene	11.2		"	10.0		112	75.9-122				
p- & m- Xylenes	23.3		"	20.0		117	77.7-127				
p-Isopropyltoluene	11.5		"	10.0		115	75.6-129				
sec-Butylbenzene	11.1		"	10.0		111	71.5-125				
Styrene	11.4		"	10.0		114	77.8-123				
tert-Butylbenzene	12.3		"	10.0		123	75.9-151				
Tetrachloroethylene	11.8		"	10.0		118	63.6-167				
Toluene	11.8		"	10.0		118	77-123				
trans-1,2-Dichloroethylene	11.9		"	10.0		119	76.3-139				
trans-1,3-Dichloropropylene	11.4		"	10.0		114	72.5-137				
Trichloroethylene	11.8		"	10.0		118	77.9-130				
Trichlorofluoromethane	10.4		"	10.0		104	57.4-133				
Vinyl Chloride	10.1		"	10.0		101	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.92*		*"*	*10.0*		*99.2*	*63.5-145*				
Surrogate: Toluene-d8	*9.95*		*"*	*10.0*		*99.5*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ20418 - EPA 5030B											
LCS Dup (BJ20418-BSD1)									Prepared: 10/08/2012 Analyzed: 10/09/2012		
1,1,1,2-Tetrachloroethane	11.4		ug/L	10.0		114	82.3-130		4.56	21.1	
1,1,1-Trichloroethane	11.8		"	10.0		118	75.6-137		2.35	19.7	
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	71.3-131		5.80	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	71.1-129		0.333	21.7	
1,1,2-Trichloroethane	10.6		"	10.0		106	74.5-129		5.94	20.3	
1,1-Dichloroethane	11.8		"	10.0		118	79.6-132		2.01	20.6	
1,1-Dichloroethylene	12.1		"	10.0		121	80.2-146		0.414	20	
1,1-Dichloropropylene	11.3		"	10.0		113	75-136		1.49	19.3	
1,2,3-Trichlorobenzene	11.2		"	10.0		112	66.1-136		2.99	21.6	
1,2,3-Trichloropropane	9.81		"	10.0		98.1	63-131		2.91	23.9	
1,2,4-Trichlorobenzene	10.9		"	10.0		109	70.6-136		2.44	21.7	
1,2,4-Trimethylbenzene	11.3		"	10.0		113	75.3-135		1.15	18.8	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	58.9-140		3.36	27.7	
1,2-Dibromoethane	10.8		"	10.0		108	79-130		7.09	23	
1,2-Dichlorobenzene	10.8		"	10.0		108	76.1-122		2.01	19.8	
1,2-Dichloroethane	10.9		"	10.0		109	74.6-132		4.05	20.2	
1,2-Dichloropropane	11.0		"	10.0		110	76.9-129		4.77	20.7	
1,3,5-Trimethylbenzene	11.0		"	10.0		110	70.6-127		0.362	18.9	
1,3-Dichlorobenzene	10.6		"	10.0		106	77-124		2.43	19.2	
1,3-Dichloropropane	10.6		"	10.0		106	75.8-126		6.32	22.1	
1,4-Dichlorobenzene	10.6		"	10.0		106	76.6-125		2.14	18.6	
2,2-Dichloropropane	10.1		"	10.0		101	69-133		3.61	19.8	
2-Chlorotoluene	11.2		"	10.0		112	66.3-119		1.42	21.6	
2-Hexanone	9.82		"	10.0		98.2	70-130		4.38	30	
4-Chlorotoluene	10.5		"	10.0		105	69.2-127		1.80	19	
Acetone	7.41		"	10.0		74.1	70-130		10.4	30	
Benzene	11.4		"	10.0		114	76.2-129		2.25	19	
Bromobenzene	10.0		"	10.0		100	71.3-123		2.37	20.3	
Bromochloromethane	11.0		"	10.0		110	70.8-137		4.10	23.9	
Bromodichloromethane	11.3		"	10.0		113	79.7-134		4.51	21	
Bromoform	10.8		"	10.0		108	70.5-141		6.88	21.8	
Bromomethane	11.0		"	10.0		110	43.9-147		0.0911	28.4	
Carbon tetrachloride	12.4		"	10.0		124	78.1-138		0.806	20.1	
Chlorobenzene	11.4		"	10.0		114	80.4-125		3.80	19.9	
Chloroethane	10.8		"	10.0		108	55.8-140		1.11	23.3	
Chloroform	11.3		"	10.0		113	76.6-133		1.58	20.3	
Chloromethane	8.95		"	10.0		89.5	48.8-115		5.75	24.5	
cis-1,2-Dichloroethylene	11.3		"	10.0		113	75.1-128		2.53	20.5	
cis-1,3-Dichloropropylene	10.1		"	10.0		101	74.5-128		5.30	19.9	
Dibromochloromethane	11.4		"	10.0		114	79.8-134		5.96	21.3	
Dibromomethane	10.9		"	10.0		109	79-130		5.77	22.4	
Dichlorodifluoromethane	8.21		"	10.0		82.1	47.1-101		1.57	23.9	
Ethyl Benzene	11.6		"	10.0		116	80.8-128		2.97	19.2	
Hexachlorobutadiene	11.6		"	10.0		116	64.8-128		1.39	20.6	
Isopropylbenzene	12.1		"	10.0		121	75.5-135		0.740	20	
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	65.1-140		2.99	23.6	
Methylene chloride	7.89		"	10.0		78.9	61.3-120		2.50	20.4	
Naphthalene	10.6		"	10.0		106	62.3-148		5.67	27.1	
n-Butylbenzene	11.0		"	10.0		110	67.2-123		0.824	19.1	
n-Propylbenzene	11.1		"	10.0		111	70.5-127		0.894	23.4	
o-Xylene	10.8		"	10.0		108	75.9-122		3.81	19.3	
p- & m- Xylenes	15.9		"	20.0		79.4	77.7-127		37.9	18.6	Non-dir.
p-Isopropyltoluene	11.6		"	10.0		116	75.6-129		0.777	19.1	
sec-Butylbenzene	11.2		"	10.0		112	71.5-125		0.808	18.9	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ20418 - EPA 5030B											
LCS Dup (BJ20418-BSD1)									Prepared: 10/08/2012 Analyzed: 10/09/2012		
Styrene	11.0		ug/L	10.0		110	77.8-123		4.11	20.9	
tert-Butylbenzene	12.2		"	10.0		122	75.9-151		0.736	20.9	
Tetrachloroethylene	11.7		"	10.0		117	63.6-167		0.680	27.7	
Toluene	11.3		"	10.0		113	77-123		3.99	18.7	
trans-1,2-Dichloroethylene	11.7		"	10.0		117	76.3-139		1.36	19.5	
trans-1,3-Dichloropropylene	11.0		"	10.0		110	72.5-137		3.22	19.3	
Trichloroethylene	11.5		"	10.0		115	77.9-130		2.75	20.5	
Trichlorofluoromethane	10.9		"	10.0		109	57.4-133		4.69	21.4	
Vinyl Chloride	10.1		"	10.0		101	54.9-124		0.395	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.93*		*"*	*10.0*		*99.3*	*63.5-145*				
Surrogate: Toluene-d8	*9.91*		*"*	*10.0*		*99.1*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ20289 - EPA 3010A											
Blank (BJ20289-BLK1)									Prepared & Analyzed: 10/04/2012		
Iron - Dissolved	ND	0.0100	mg/L								
Reference (BJ20289-SRM1)									Prepared & Analyzed: 10/04/2012		
Iron - Dissolved	0.273	0.0100	mg/L	0.274		99.7	86.9-115				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ20289 - EPA 3010A											
Blank (BJ20289-BLK1)									Prepared & Analyzed: 10/04/2012		
Iron	ND	0.0100	mg/L								
Reference (BJ20289-SRM1)									Prepared & Analyzed: 10/04/2012		
Iron	0.273	0.0100	mg/L	0.274		99.7	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ20397 - % Solids Prep											
Blank (BJ20397-BLK1)											Prepared: 10/08/2012 Analyzed: 10/09/2012
Total Dissolved Solids	ND	1.00	mg/L								

Notes and Definitions

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

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

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

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

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

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. 12J0207

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

NJDEP Red. Deliv.
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	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog. only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App. IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ100112:1100NP2-6	10/1/12 1100	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	2V 2P
WQ100112:1105NP2-7	↓ 1105	GW	↓	2V 2P
WQ100112:1110NP2-10	↓ 1110	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260B) plus freon 113 / TDS (SM 2540C)	2V 3P

Comments

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

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	10/3/12 219	[signature]	10/3/12 219
Samples Relinquished By	Date/Time	Samples Received in LAB by [signature]	10/3/12-1550

Temperature on Receipt 3.8 °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. 12J0209

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LBG	Company: Same	Company: Same	Rowe Industries.	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr Suite 301 Shelton, CT 06484	Address:	Address:	**Purchase Order No.** HABSAG.	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT ___ NY X NJ ___	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) X	NY ASP B Package #2-100 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 Hnc1
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 (w/Dioxin Furans)	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ100112:1100NP2-6	10/1/12 1100	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus from 113	2V 2P
WQ100112:1105NP2-7	1105	GW		2V 2P
WQ100112:1110NP2-10	1110	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus from 113 / TDS (SM 2540c)	2V 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: Danielle Vaci — Date/Time: 10/3/12 2:19
Samples Received By: [signature] — Date/Time: 10/3/12 2:19
Samples Relinquished By ___ — Date/Time ___
Samples Received in LAB by: [signature] — Date/Time: 10/3/12-1550

Temperature on Receipt 3.8 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 10/18/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12J0424

Report Date: 10/18/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12J0424

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde 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 October 10, 2012 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
12J0424-01	WQ100812:1030NP2-6	Water	10/08/2012	10/10/2012
12J0424-02	WQ100812:1035NP2-7	Water	10/08/2012	10/10/2012
12J0426-01	WQ100812:1040NP2-10	Water	10/08/2012	10/10/2012

General Notes for York Project (SDG) No.: 12J0424

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

Approved By:  **Date:** 10/18/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ100812:1030NP2-6 **York Sample ID:** 12J0424-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0424	Rowe Industries	Water	October 8, 2012 10:30 am	10/10/2012

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	0.071	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
71-55-6	1,1,1-Trichloroethane	**0.37**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
75-34-3	1,1-Dichloroethane	**0.16**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
67-64-1	Acetone	**1.0**	J	ug/L	0.90	2.0	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS

Sample Information

Client Sample ID: WQ100812:1030NP2-6 **York Sample ID:** 12J0424-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0424	Rowe Industries	Water	October 8, 2012 10:30 am	10/10/2012

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	0.090	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
67-66-3	Chloroform	**0.25**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
91-20-3	Naphthalene	**0.11**	J	ug/L	0.090	2.0	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
127-18-4	Tetrachloroethylene	**0.91**		ug/L	0.070	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
79-01-6	Trichloroethylene	**0.12**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:09	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*121 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.2 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*98.8 %*	*81.2-127*

Sample Information

Client Sample ID: WQ100812:1030NP2-6 **York Sample ID:** 12J0424-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0424	Rowe Industries	Water	October 8, 2012 10:30 am	10/10/2012

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	**0.0778**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	10/15/2012 16:07	10/15/2012 20:05	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.928**		mg/L	0.0100	0.0100	1	EPA 200.7	10/15/2012 16:07	10/15/2012 20:11	MW

Sample Information

Client Sample ID: WQ100812:1035NP2-7 **York Sample ID:** 12J0424-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0424	Rowe Industries	Water	October 8, 2012 10:35 am	10/10/2012

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	0.071	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS

Sample Information

Client Sample ID: WQ100812:1035NP2-7 **York Sample ID:** 12J0424-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0424	Rowe Industries	Water	October 8, 2012 10:35 am	10/10/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
67-64-1	Acetone	**1.3**	J	ug/L	0.90	2.0	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
75-09-2	Methylene chloride	**0.27**	J	ug/L	0.26	2.0	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS

Sample Information

Client Sample ID: WQ100812:1035NP2-7 **York Sample ID:** 12J0424-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0424	Rowe Industries	Water	October 8, 2012 10:35 am	10/10/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	10/16/2012 08:26	10/16/2012 12:43	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*117 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.8 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*98.6 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0652**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	10/15/2012 16:07	10/15/2012 20:16	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.545**		mg/L	0.0100	0.0100	1	EPA 200.7	10/15/2012 16:07	10/15/2012 20:21	MW

Sample Information

Client Sample ID: WQ100812:1040NP2-10 **York Sample ID:** 12J0426-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0426	Rowe Industries	Water	October 8, 2012 10:40 am	10/10/2012

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	0.071	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS

Sample Information

Client Sample ID: WQ100812:1040NP2-10 **York Sample ID:** 12J0426-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0426	Rowe Industries	Water	October 8, 2012 10:40 am	10/10/2012

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
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
67-64-1	Acetone	**1.3**	J	ug/L	0.90	2.0	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS

Sample Information

Client Sample ID: WQ100812:1040NP2-10 **York Sample ID:** 12J0426-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0426	Rowe Industries	Water	October 8, 2012 10:40 am	10/10/2012

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	0.067	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
75-09-2	Methylene chloride	**0.32**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	10/11/2012 13:09	10/11/2012 18:39	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.0 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81.2-127*

Sample Information

Client Sample ID: WQ100812:1040NP2-10 **York Sample ID:** 12J0426-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0426	Rowe Industries	Water	October 8, 2012 10:40 am	10/10/2012

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	**0.0227**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	10/15/2012 16:07	10/15/2012 20:46	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**1.26**		mg/L	0.0100	0.0100	1	EPA 200.7	10/15/2012 16:07	10/15/2012 20:51	MW

Total Dissolved Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**88.0**		mg/L	1.00	1.00	1	SM 2540C	10/15/2012 09:22	10/16/2012 09:22	ALD

Analytical Batch Summary

Batch ID: BJ20586 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12J0426-01	WQ100812:1040NP2-10	10/11/12
BJ20586-BLK1	Blank	10/11/12
BJ20586-BS1	LCS	10/11/12
BJ20586-BSD1	LCS Dup	10/11/12

Batch ID: BJ20681 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
12J0424-01	WQ100812:1030NP2-6	10/16/12
12J0424-02	WQ100812:1035NP2-7	10/16/12
BJ20681-BLK1	Blank	10/16/12
BJ20681-BS1	LCS	10/16/12
BJ20681-BSD1	LCS Dup	10/16/12

Batch ID: BJ20703 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12J0426-01	WQ100812:1040NP2-10	10/15/12
BJ20703-BLK1	Blank	10/15/12
BJ20703-DUP1	Duplicate	10/15/12

Batch ID: BJ20716 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12J0424-01	WQ100812:1030NP2-6	10/15/12
12J0424-01	WQ100812:1030NP2-6	10/15/12
12J0424-02	WQ100812:1035NP2-7	10/15/12
12J0424-02	WQ100812:1035NP2-7	10/15/12
12J0426-01	WQ100812:1040NP2-10	10/15/12
12J0426-01	WQ100812:1040NP2-10	10/15/12
BJ20716-BLK1	Blank	10/15/12
BJ20716-BLK1	Blank	10/15/12
BJ20716-SRM1	Reference	10/15/12
BJ20716-SRM1	Reference	10/15/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ20586 - EPA 5030B											
Blank (BJ20586-BLK1)											
Prepared & Analyzed: 10/11/2012											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	0.33	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	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ20586 - EPA 5030B											
Blank (BJ20586-BLK1)								Prepared & Analyzed: 10/11/2012			
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.62*		*"*	*10.0*		*96.2*	*63.5-145*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81.2-127*				
LCS (BJ20586-BS1)								Prepared & Analyzed: 10/11/2012			
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82.3-130				
1,1,1-Trichloroethane	11.6		"	10.0		116	75.6-137				
1,1,2,2-Tetrachloroethane	8.69		"	10.0		86.9	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	71.1-129				
1,1,2-Trichloroethane	9.23		"	10.0		92.3	74.5-129				
1,1-Dichloroethane	11.3		"	10.0		113	79.6-132				
1,1-Dichloroethylene	11.9		"	10.0		119	80.2-146				
1,1-Dichloropropylene	11.0		"	10.0		110	75-136				
1,2,3-Trichlorobenzene	9.24		"	10.0		92.4	66.1-136				
1,2,3-Trichloropropane	8.23		"	10.0		82.3	63-131				
1,2,4-Trichlorobenzene	9.75		"	10.0		97.5	70.6-136				
1,2,4-Trimethylbenzene	11.8		"	10.0		118	75.3-135				
1,2-Dibromo-3-chloropropane	8.77		"	10.0		87.7	58.9-140				
1,2-Dibromoethane	9.05		"	10.0		90.5	79-130				
1,2-Dichlorobenzene	10.2		"	10.0		102	76.1-122				
1,2-Dichloroethane	9.47		"	10.0		94.7	74.6-132				
1,2-Dichloropropane	10.3		"	10.0		103	76.9-129				
1,3,5-Trimethylbenzene	11.8		"	10.0		118	70.6-127				
1,3-Dichlorobenzene	10.8		"	10.0		108	77-124				
1,3-Dichloropropane	9.24		"	10.0		92.4	75.8-126				
1,4-Dichlorobenzene	10.5		"	10.0		105	76.6-125				
2,2-Dichloropropane	7.51		"	10.0		75.1	69-133				
2-Chlorotoluene	11.9		"	10.0		119	66.3-119				
2-Hexanone	7.13		"	10.0		71.3	70-130				
4-Chlorotoluene	11.5		"	10.0		115	69.2-127				
Acetone	9.94		"	10.0		99.4	70-130				
Benzene	10.9		"	10.0		109	76.2-129				
Bromobenzene	9.64		"	10.0		96.4	71.3-123				
Bromochloromethane	9.46		"	10.0		94.6	70.8-137				
Bromodichloromethane	10.5		"	10.0		105	79.7-134				
Bromoform	9.72		"	10.0		97.2	70.5-141				
Bromomethane	7.42		"	10.0		74.2	43.9-147				
Carbon tetrachloride	11.8		"	10.0		118	78.1-138				
Chlorobenzene	10.9		"	10.0		109	80.4-125				
Chloroethane	10.4		"	10.0		104	55.8-140				
Chloroform	10.5		"	10.0		105	76.6-133				
Chloromethane	8.73		"	10.0		87.3	48.8-115				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	75.1-128				
cis-1,3-Dichloropropylene	9.16		"	10.0		91.6	74.5-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ20586 - EPA 5030B											
LCS (BJ20586-BS1)							Prepared & Analyzed: 10/11/2012				
Dibromochloromethane	9.78		ug/L	10.0		97.8	79.8-134				
Dibromomethane	9.44		"	10.0		94.4	79-130				
Dichlorodifluoromethane	8.17		"	10.0		81.7	47.1-101				
Ethyl Benzene	11.6		"	10.0		116	80.8-128				
Hexachlorobutadiene	11.9		"	10.0		119	64.8-128				
Isopropylbenzene	13.2		"	10.0		132	75.5-135				
Methyl tert-butyl ether (MTBE)	2.08		"	10.0		20.8	65.1-140	Low Bias			
Methylene chloride	6.90		"	10.0		69.0	61.3-120				
Naphthalene	8.40		"	10.0		84.0	62.3-148				
n-Butylbenzene	11.7		"	10.0		117	67.2-123				
n-Propylbenzene	12.0		"	10.0		120	70.5-127				
o-Xylene	10.5		"	10.0		105	75.9-122				
p- & m- Xylenes	22.7		"	20.0		114	77.7-127				
p-Isopropyltoluene	12.2		"	10.0		122	75.6-129				
sec-Butylbenzene	12.1		"	10.0		121	71.5-125				
Styrene	10.5		"	10.0		105	77.8-123				
tert-Butylbenzene	13.1		"	10.0		131	75.9-151				
Tetrachloroethylene	11.9		"	10.0		119	63.6-167				
Toluene	11.3		"	10.0		113	77-123				
trans-1,2-Dichloroethylene	11.8		"	10.0		118	76.3-139				
trans-1,3-Dichloropropylene	9.12		"	10.0		91.2	72.5-137				
Trichloroethylene	11.5		"	10.0		115	77.9-130				
Trichlorofluoromethane	11.2		"	10.0		112	57.4-133				
Vinyl Chloride	9.95		"	10.0		99.5	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.31*		*"*	*10.0*		*93.1*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*63.5-145*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ20586 - EPA 5030B											
LCS Dup (BJ20586-BSD1)							Prepared & Analyzed: 10/11/2012				
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0		107	82.3-130		3.71	21.1	
1,1,1-Trichloroethane	11.6		"	10.0		116	75.6-137		0.258	19.7	
1,1,2,2-Tetrachloroethane	9.65		"	10.0		96.5	71.3-131		10.5	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	71.1-129		0.256	21.7	
1,1,2-Trichloroethane	10.3		"	10.0		103	74.5-129		10.9	20.3	
1,1-Dichloroethane	11.6		"	10.0		116	79.6-132		2.45	20.6	
1,1-Dichloroethylene	12.0		"	10.0		120	80.2-146		0.840	20	
1,1-Dichloropropylene	11.0		"	10.0		110	75-136		0.0909	19.3	
1,2,3-Trichlorobenzene	9.78		"	10.0		97.8	66.1-136		5.68	21.6	
1,2,3-Trichloropropane	9.37		"	10.0		93.7	63-131		13.0	23.9	
1,2,4-Trichlorobenzene	9.85		"	10.0		98.5	70.6-136		1.02	21.7	
1,2,4-Trimethylbenzene	10.7		"	10.0		107	75.3-135		9.34	18.8	
1,2-Dibromo-3-chloropropane	9.58		"	10.0		95.8	58.9-140		8.83	27.7	
1,2-Dibromoethane	10.2		"	10.0		102	79-130		11.7	23	
1,2-Dichlorobenzene	9.93		"	10.0		99.3	76.1-122		2.68	19.8	
1,2-Dichloroethane	10.7		"	10.0		107	74.6-132		12.6	20.2	
1,2-Dichloropropane	10.7		"	10.0		107	76.9-129		3.24	20.7	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	70.6-127		9.30	18.9	
1,3-Dichlorobenzene	10.1		"	10.0		101	77-124		6.33	19.2	
1,3-Dichloropropane	10.2		"	10.0		102	75.8-126		10.2	22.1	
1,4-Dichlorobenzene	10.0		"	10.0		100	76.6-125		4.49	18.6	
2,2-Dichloropropane	9.88		"	10.0		98.8	69-133		27.3	19.8	Non-dir.
2-Chlorotoluene	10.7		"	10.0		107	66.3-119		10.0	21.6	
2-Hexanone	9.10		"	10.0		91.0	70-130		24.3	30	
4-Chlorotoluene	10.4		"	10.0		104	69.2-127		9.94	19	
Acetone	8.09		"	10.0		80.9	70-130		20.5	30	
Benzene	11.1		"	10.0		111	76.2-129		2.09	19	
Bromobenzene	9.53		"	10.0		95.3	71.3-123		1.15	20.3	
Bromochloromethane	10.6		"	10.0		106	70.8-137		11.1	23.9	
Bromodichloromethane	10.8		"	10.0		108	79.7-134		3.11	21	
Bromoform	10.5		"	10.0		105	70.5-141		7.33	21.8	
Bromomethane	7.83		"	10.0		78.3	43.9-147		5.38	28.4	
Carbon tetrachloride	11.9		"	10.0		119	78.1-138		1.01	20.1	
Chlorobenzene	11.0		"	10.0		110	80.4-125		0.457	19.9	
Chloroethane	10.5		"	10.0		105	55.8-140		1.15	23.3	
Chloroform	10.7		"	10.0		107	76.6-133		2.07	20.3	
Chloromethane	8.98		"	10.0		89.8	48.8-115		2.82	24.5	
cis-1,2-Dichloroethylene	10.9		"	10.0		109	75.1-128		2.41	20.5	
cis-1,3-Dichloropropylene	9.86		"	10.0		98.6	74.5-128		7.36	19.9	
Dibromochloromethane	10.7		"	10.0		107	79.8-134		9.36	21.3	
Dibromomethane	10.4		"	10.0		104	79-130		9.58	22.4	
Dichlorodifluoromethane	8.12		"	10.0		81.2	47.1-101		0.614	23.9	
Ethyl Benzene	11.3		"	10.0		113	80.8-128		2.45	19.2	
Hexachlorobutadiene	10.6		"	10.0		106	64.8-128		11.7	20.6	
Isopropylbenzene	11.9		"	10.0		119	75.5-135		10.4	20	
Methyl tert-butyl ether (MTBE)	6.25		"	10.0		62.5	65.1-140	Low Bias	100	23.6	Non-dir.
Methylene chloride	7.32		"	10.0		73.2	61.3-120		5.91	20.4	
Naphthalene	9.40		"	10.0		94.0	62.3-148		11.2	27.1	
n-Butylbenzene	10.5		"	10.0		105	67.2-123		11.2	19.1	
n-Propylbenzene	11.1		"	10.0		111	70.5-127		8.48	23.4	
o-Xylene	10.4		"	10.0		104	75.9-122		0.671	19.3	
p- & m- Xylenes	22.3		"	20.0		112	77.7-127		1.78	18.6	
p-Isopropyltoluene	11.0		"	10.0		110	75.6-129		10.4	19.1	
sec-Butylbenzene	10.8		"	10.0		108	71.5-125		11.9	18.9	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ20586 - EPA 5030B											
LCS Dup (BJ20586-BSD1)							Prepared & Analyzed: 10/11/2012				
Styrene	10.6		ug/L	10.0		106	77.8-123		0.852	20.9	
tert-Butylbenzene	11.5		"	10.0		115	75.9-151		13.2	20.9	
Tetrachloroethylene	11.3		"	10.0		113	63.6-167		4.66	27.7	
Toluene	11.0		"	10.0		110	77-123		3.41	18.7	
trans-1,2-Dichloroethylene	11.8		"	10.0		118	76.3-139		0.0849	19.5	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137		14.8	19.3	
Trichloroethylene	11.0		"	10.0		110	77.9-130		4.08	20.5	
Trichlorofluoromethane	11.3		"	10.0		113	57.4-133		1.51	21.4	
Vinyl Chloride	10.0		"	10.0		100	54.9-124		1.00	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.96*		*"*	*10.0*		*99.6*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				
Batch BJ20681 - EPA 5030B											
Blank (BJ20681-BLK1)							Prepared & Analyzed: 10/16/2012				
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ20681 - EPA 5030B											
Blank (BJ20681-BLK1)									Prepared & Analyzed: 10/16/2012		
cis-1,3-Dichloropropylene	ND	0.50	ug/L								
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	*11.6*		*"*	*10.0*		*116*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.90*		*"*	*10.0*		*99.0*	*63.5-145*				
Surrogate: Toluene-d8	*9.87*		*"*	*10.0*		*98.7*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ20681 - EPA 5030B											
LCS (BJ20681-BS1)							Prepared & Analyzed: 10/16/2012				
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0		107	82.3-130				
1,1,1-Trichloroethane	12.1		"	10.0		121	75.6-137				
1,1,2,2-Tetrachloroethane	9.46		"	10.0		94.6	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0		113	71.1-129				
1,1,2-Trichloroethane	9.98		"	10.0		99.8	74.5-129				
1,1-Dichloroethane	12.0		"	10.0		120	79.6-132				
1,1-Dichloroethylene	11.7		"	10.0		117	80.2-146				
1,1-Dichloropropylene	12.7		"	10.0		127	75-136				
1,2,3-Trichlorobenzene	9.33		"	10.0		93.3	66.1-136				
1,2,3-Trichloropropane	9.22		"	10.0		92.2	63-131				
1,2,4-Trichlorobenzene	9.96		"	10.0		99.6	70.6-136				
1,2,4-Trimethylbenzene	11.2		"	10.0		112	75.3-135				
1,2-Dibromo-3-chloropropane	9.63		"	10.0		96.3	58.9-140				
1,2-Dibromoethane	10.0		"	10.0		100	79-130				
1,2-Dichlorobenzene	10.3		"	10.0		103	76.1-122				
1,2-Dichloroethane	11.3		"	10.0		113	74.6-132				
1,2-Dichloropropane	10.8		"	10.0		108	76.9-129				
1,3,5-Trimethylbenzene	11.1		"	10.0		111	70.6-127				
1,3-Dichlorobenzene	10.4		"	10.0		104	77-124				
1,3-Dichloropropane	10.0		"	10.0		100	75.8-126				
1,4-Dichlorobenzene	10.4		"	10.0		104	76.6-125				
2,2-Dichloropropane	9.02		"	10.0		90.2	69-133				
2-Chlorotoluene	10.9		"	10.0		109	66.3-119				
2-Hexanone	8.03		"	10.0		80.3	70-130				
4-Chlorotoluene	10.9		"	10.0		109	69.2-127				
Acetone	9.78		"	10.0		97.8	70-130				
Benzene	11.6		"	10.0		116	76.2-129				
Bromobenzene	9.74		"	10.0		97.4	71.3-123				
Bromochloromethane	10.7		"	10.0		107	70.8-137				
Bromodichloromethane	10.7		"	10.0		107	79.7-134				
Bromoform	10.3		"	10.0		103	70.5-141				
Bromomethane	8.75		"	10.0		87.5	43.9-147				
Carbon tetrachloride	13.5		"	10.0		135	78.1-138				
Chlorobenzene	10.9		"	10.0		109	80.4-125				
Chloroethane	10.5		"	10.0		105	55.8-140				
Chloroform	11.5		"	10.0		115	76.6-133				
Chloromethane	9.23		"	10.0		92.3	48.8-115				
cis-1,2-Dichloroethylene	11.7		"	10.0		117	75.1-128				
cis-1,3-Dichloropropylene	9.74		"	10.0		97.4	74.5-128				
Dibromochloromethane	10.6		"	10.0		106	79.8-134				
Dibromomethane	10.4		"	10.0		104	79-130				
Dichlorodifluoromethane	7.69		"	10.0		76.9	47.1-101				
Ethyl Benzene	11.1		"	10.0		111	80.8-128				
Hexachlorobutadiene	10.6		"	10.0		106	64.8-128				
Isopropylbenzene	12.1		"	10.0		121	75.5-135				
Methyl tert-butyl ether (MTBE)	1.20		"	10.0		12.0	65.1-140	Low Bias			
Methylene chloride	7.61		"	10.0		76.1	61.3-120				
Naphthalene	8.92		"	10.0		89.2	62.3-148				
n-Butylbenzene	10.6		"	10.0		106	67.2-123				
n-Propylbenzene	11.5		"	10.0		115	70.5-127				
o-Xylene	10.4		"	10.0		104	75.9-122				
p- & m- Xylenes	21.8		"	20.0		109	77.7-127				
p-Isopropyltoluene	11.2		"	10.0		112	75.6-129				
sec-Butylbenzene	11.0		"	10.0		110	71.5-125				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ20681 - EPA 5030B											
LCS (BJ20681-BS1)							Prepared & Analyzed: 10/16/2012				
Styrene	10.4		ug/L	10.0		104	77.8-123				
tert-Butylbenzene	11.0		"	10.0		110	75.9-151				
Tetrachloroethylene	11.2		"	10.0		112	63.6-167				
Toluene	10.9		"	10.0		109	77-123				
trans-1,2-Dichloroethylene	12.1		"	10.0		121	76.3-139				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137				
Trichloroethylene	11.0		"	10.0		110	77.9-130				
Trichlorofluoromethane	9.82		"	10.0		98.2	57.4-133				
Vinyl Chloride	9.91		"	10.0		99.1	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*11.1*		*"*	*10.0*		*111*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*81.2-127*				
LCS Dup (BJ20681-BSD1)							Prepared & Analyzed: 10/16/2012				
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82.3-130		3.03	21.1	
1,1,1-Trichloroethane	11.8		"	10.0		118	75.6-137		2.09	19.7	
1,1,2,2-Tetrachloroethane	9.77		"	10.0		97.7	71.3-131		3.22	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0		113	71.1-129		0.00	21.7	
1,1,2-Trichloroethane	10.3		"	10.0		103	74.5-129		3.16	20.3	
1,1-Dichloroethane	12.1		"	10.0		121	79.6-132		0.415	20.6	
1,1-Dichloroethylene	12.1		"	10.0		121	80.2-146		3.79	20	
1,1-Dichloropropylene	11.4		"	10.0		114	75-136		10.7	19.3	
1,2,3-Trichlorobenzene	10.2		"	10.0		102	66.1-136		9.01	21.6	
1,2,3-Trichloropropane	9.99		"	10.0		99.9	63-131		8.02	23.9	
1,2,4-Trichlorobenzene	10.5		"	10.0		105	70.6-136		5.56	21.7	
1,2,4-Trimethylbenzene	11.4		"	10.0		114	75.3-135		2.04	18.8	
1,2-Dibromo-3-chloropropane	9.64		"	10.0		96.4	58.9-140		0.104	27.7	
1,2-Dibromoethane	10.6		"	10.0		106	79-130		5.43	23	
1,2-Dichlorobenzene	10.8		"	10.0		108	76.1-122		3.98	19.8	
1,2-Dichloroethane	11.7		"	10.0		117	74.6-132		3.31	20.2	
1,2-Dichloropropane	11.2		"	10.0		112	76.9-129		4.00	20.7	
1,3,5-Trimethylbenzene	10.9		"	10.0		109	70.6-127		1.72	18.9	
1,3-Dichlorobenzene	10.7		"	10.0		107	77-124		2.57	19.2	
1,3-Dichloropropane	10.8		"	10.0		108	75.8-126		7.59	22.1	
1,4-Dichlorobenzene	10.6		"	10.0		106	76.6-125		1.62	18.6	
2,2-Dichloropropane	12.0		"	10.0		120	69-133		28.6	19.8	Non-dir.
2-Chlorotoluene	11.1		"	10.0		111	66.3-119		1.63	21.6	
2-Hexanone	8.95		"	10.0		89.5	70-130		10.8	30	
4-Chlorotoluene	10.4		"	10.0		104	69.2-127		3.85	19	
Acetone	6.95		"	10.0		69.5	70-130	Low Bias	33.8	30	Non-dir.
Benzene	11.5		"	10.0		115	76.2-129		0.952	19	
Bromobenzene	9.85		"	10.0		98.5	71.3-123		1.12	20.3	
Bromochloromethane	11.4		"	10.0		114	70.8-137		6.97	23.9	
Bromodichloromethane	11.1		"	10.0		111	79.7-134		3.58	21	
Bromoform	10.9		"	10.0		109	70.5-141		5.27	21.8	
Bromomethane	13.2		"	10.0		132	43.9-147		40.6	28.4	Non-dir.
Carbon tetrachloride	12.3		"	10.0		123	78.1-138		8.91	20.1	
Chlorobenzene	11.3		"	10.0		113	80.4-125		3.78	19.9	
Chloroethane	10.8		"	10.0		108	55.8-140		2.44	23.3	
Chloroform	11.4		"	10.0		114	76.6-133		0.700	20.3	
Chloromethane	9.04		"	10.0		90.4	48.8-115		2.08	24.5	
cis-1,2-Dichloroethylene	11.3		"	10.0		113	75.1-128		2.96	20.5	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128		6.55	19.9	
Dibromochloromethane	11.2		"	10.0		112	79.8-134		5.34	21.3	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ20681 - EPA 5030B											
LCS Dup (BJ20681-BSD1)							Prepared & Analyzed: 10/16/2012				
Dibromomethane	11.0		ug/L	10.0		110	79-130		5.71	22.4	
Dichlorodifluoromethane	7.42		"	10.0		74.2	47.1-101		3.57	23.9	
Ethyl Benzene	11.3		"	10.0		113	80.8-128		2.32	19.2	
Hexachlorobutadiene	10.8		"	10.0		108	64.8-128		1.59	20.6	
Isopropylbenzene	12.1		"	10.0		121	75.5-135		0.166	20	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	65.1-140		158	23.6	Non-dir.
Methylene chloride	8.09		"	10.0		80.9	61.3-120		6.11	20.4	
Naphthalene	10.2		"	10.0		102	62.3-148		13.0	27.1	
n-Butylbenzene	11.0		"	10.0		110	67.2-123		3.15	19.1	
n-Propylbenzene	11.2		"	10.0		112	70.5-127		2.47	23.4	
o-Xylene	10.6		"	10.0		106	75.9-122		1.82	19.3	
p- & m- Xylenes	22.4		"	20.0		112	77.7-127		2.94	18.6	
p-Isopropyltoluene	11.4		"	10.0		114	75.6-129		2.21	19.1	
sec-Butylbenzene	11.1		"	10.0		111	71.5-125		0.272	18.9	
Styrene	10.8		"	10.0		108	77.8-123		3.68	20.9	
tert-Butylbenzene	11.2		"	10.0		112	75.9-151		1.63	20.9	
Tetrachloroethylene	11.3		"	10.0		113	63.6-167		0.892	27.7	
Toluene	11.1		"	10.0		111	77-123		1.27	18.7	
trans-1,2-Dichloroethylene	12.0		"	10.0		120	76.3-139		0.829	19.5	
trans-1,3-Dichloropropylene	11.0		"	10.0		110	72.5-137		9.19	19.3	
Trichloroethylene	11.3		"	10.0		113	77.9-130		2.15	20.5	
Trichlorofluoromethane	10.2		"	10.0		102	57.4-133		4.19	21.4	
Vinyl Chloride	9.99		"	10.0		99.9	54.9-124		0.804	22.3	
Surrogate: 1,2-Dichloroethane-d4	*11.2*		*"*	*10.0*		*112*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ20716 - EPA 3010A											
Blank (BJ20716-BLK1)								Prepared & Analyzed: 10/15/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Reference (BJ20716-SRM1)								Prepared & Analyzed: 10/15/2012			
Iron - Dissolved	0.261	0.0100	mg/L	0.274		95.2	86.9-115				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ20716 - EPA 3010A											
Blank (BJ20716-BLK1)								Prepared & Analyzed: 10/15/2012			
Iron	ND	0.0100	mg/L								
Reference (BJ20716-SRM1)								Prepared & Analyzed: 10/15/2012			
Iron	0.261	0.0100	mg/L	0.274		95.2	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ20703 - % Solids Prep											
Blank (BJ20703-BLK1)									Prepared: 10/15/2012 Analyzed: 10/16/2012		
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BJ20703-DUP1)	*Source sample: 12J0426-01 (WQ100812:1040NP2-10)								Prepared: 10/15/2012 Analyzed: 10/16/2012		
Total Dissolved Solids	87.0	1.00	mg/L		88.0				1.14	15	

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

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

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

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

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

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

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06515
(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. 12J0424

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

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

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

Name (printed): STEPHEN HNAT

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

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

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

Sample Identification	Date Sampled		Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ100812:1030NP2-6	10/8/12	1030	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	2v 2P
WQ100812:1035NP2-7	↓	1035	GW	↓	2v 2P
WQ100812:1040NP2-10	↓	1040	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260B) plus freon 113 / TDS (SM 2540C)	2v 3P

Comments

Preservation Check those Applicable: 4°C___ Frozen___ HCl___ MeOH___ HNO3___ H_2SO_4___ NaOH___ ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	10/10/12 [illegible]	[signature]	10/10/12 1418
Samples Relinquished By	Date/Time	Samples Received in LAB by: Pace	Date/Time: 10-10-12 1535

Temperature on Receipt: 4.2°C

YORK
ANALYTICAL LABORATORIES, INC.
120 REBEARCH 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. 12J0426

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LBG	Company: Same	Company: Same	Rowe Industries.	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr Suite 301 Shelton, CT 06484	Address:	Address:	Purchase Order No. HABSA6.	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person. Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT ___ NY X NJ ___	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) X	NY ASP B Package NP2-100Mg, pdf.
					NJDEP Red. Deliv.
					Electronic Data Deliverables (EDD)
					Simple Excel X
					NYSDEC EQuIS
					EQuIS (std)
					EZ-EDD (EQuIS)
					NJDEP SRP HazSite EDD
					GIS/KEY (std)
					Other
					York Regulatory Comparison
					Excel Spreadsheet
					Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

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

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ100812:1030NP2-6	10/8/12 1030	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	2v 2p
WQ100812:1035NP2-7	1035	GW		2v 2p
WQ100812:1040NP2-10	1040	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TDS (SM 2540C)	2v 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: Darrell Vara — Date/Time: 10/10/12 2.1°C
Samples Relinquished By ___ Date/Time ___

Samples Received By: [illegible] — Date/Time: 10/10/12 1418
Samples Received in LAB by: Grace — Date/Time: 10-10-12 1535

Temperature on Receipt: 4.2°C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 10/26/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12J0706

Report Date: 10/26/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12J0706

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde 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 October 18, 2012 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
12J0706-01	WQ101612:1100NP2-6	Water	10/16/2012	10/18/2012
12J0706-02	WQ101612:1105NP2-7	Water	10/16/2012	10/18/2012
12J0707-01	WQ101612:1110NP2-10	Water	10/16/2012	10/18/2012

General Notes for York Project (SDG) No.: 12J0706

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

Approved By:  **Date:** 10/26/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ101612:1100NP2-6 **York Sample ID:** 12J0706-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0706	Rowe Industries	Water	October 16, 2012 11:00 am	10/18/2012

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	0.071	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
71-55-6	1,1,1-Trichloroethane	**0.69**		ug/L	0.024	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
75-34-3	1,1-Dichloroethane	**0.39**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
67-64-1	Acetone	**1.3**	J	ug/L	0.90	2.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS

Sample Information

Client Sample ID: WQ101612:1100NP2-6 **York Sample ID:** 12J0706-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0706	Rowe Industries	Water	October 16, 2012 11:00 am	10/18/2012

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	0.090	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
67-66-3	Chloroform	**0.24**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
127-18-4	Tetrachloroethylene	**0.77**		ug/L	0.070	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
79-01-6	Trichloroethylene	**0.11**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 08:38	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.7 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81.2-127*

Sample Information

Client Sample ID: WQ101612:1100NP2-6 **York Sample ID:** 12J0706-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0706	Rowe Industries	Water	October 16, 2012 11:00 am	10/18/2012

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	**0.112**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	10/22/2012 15:08	10/22/2012 19:11	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**1.08**		mg/L	0.0100	0.0100	1	EPA 200.7	10/22/2012 15:08	10/22/2012 19:17	MW

Sample Information

Client Sample ID: WQ101612:1105NP2-7 **York Sample ID:** 12J0706-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0706	Rowe Industries	Water	October 16, 2012 11:05 am	10/18/2012

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	0.071	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS

Sample Information

Client Sample ID: WQ101612:1105NP2-7 **York Sample ID:** 12J0706-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0706	Rowe Industries	Water	October 16, 2012 11:05 am	10/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS

Sample Information

Client Sample ID: WQ101612:1105NP2-7 **York Sample ID:** 12J0706-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0706	Rowe Industries	Water	October 16, 2012 11:05 am	10/18/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:11	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.0 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.8 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.113**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	10/22/2012 15:08	10/22/2012 19:22	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.396**		mg/L	0.0100	0.0100	1	EPA 200.7	10/22/2012 15:08	10/22/2012 19:27	MW

Sample Information

Client Sample ID: WQ101612:1110NP2-10 **York Sample ID:** 12J0707-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0707	Rowe Industries	Water	October 16, 2012 11:10 am	10/18/2012

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	0.071	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS

Sample Information

Client Sample ID: WQ101612:1110NP2-10 **York Sample ID:** 12J0707-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0707	Rowe Industries	Water	October 16, 2012 11:10 am	10/18/2012

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
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
67-64-1	Acetone	**1.4**	J	ug/L	0.90	2.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS

Sample Information

Client Sample ID: WQ101612:1110NP2-10 **York Sample ID:** 12J0707-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0707	Rowe Industries	Water	October 16, 2012 11:10 am	10/18/2012

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	0.067	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	10/23/2012 12:06	10/24/2012 09:45	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.3 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.4 %*	*81.2-127*

Sample Information

Client Sample ID: WQ101612:1110NP2-10 **York Sample ID:** 12J0707-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0707	Rowe Industries	Water	October 16, 2012 11:10 am	10/18/2012

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	**0.164**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	10/22/2012 15:08	10/22/2012 19:32	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**1.20**		mg/L	0.0100	0.0100	1	EPA 200.7	10/22/2012 15:08	10/22/2012 20:06	MW

Total Dissolved Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**105**		mg/L	1.00	1.00	1	SM 2540C	10/22/2012 15:14	10/23/2012 15:14	ALD

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BJ21028 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12J0706-01	WQ101612:1100NP2-6	10/22/12
12J0706-01	WQ101612:1100NP2-6	10/22/12
12J0706-02	WQ101612:1105NP2-7	10/22/12
12J0706-02	WQ101612:1105NP2-7	10/22/12
12J0707-01	WQ101612:1110NP2-10	10/22/12
12J0707-01	WQ101612:1110NP2-10	10/22/12
BJ21028-BLK1	Blank	10/22/12
BJ21028-BLK1	Blank	10/22/12
BJ21028-DUP1	Duplicate	10/22/12
BJ21028-DUP1	Duplicate	10/22/12
BJ21028-MS1	Matrix Spike	10/22/12
BJ21028-MS1	Matrix Spike	10/22/12
BJ21028-SRM1	Reference	10/22/12
BJ21028-SRM1	Reference	10/22/12

Batch ID: BJ21033 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12J0707-01	WQ101612:1110NP2-10	10/22/12
BJ21033-BLK1	Blank	10/22/12
BJ21033-DUP1	Duplicate	10/22/12

Batch ID: BJ21073 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12J0706-01	WQ101612:1100NP2-6	10/23/12
12J0706-02	WQ101612:1105NP2-7	10/23/12
12J0707-01	WQ101612:1110NP2-10	10/23/12
BJ21073-BLK1	Blank	10/23/12
BJ21073-BS1	LCS	10/23/12
BJ21073-BSD1	LCS Dup	10/23/12

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

York Analytical Laboratories, Inc.

Batch BJ21073 - EPA 5030B

Blank (BJ21073-BLK1) Prepared: 10/23/2012 Analyzed: 10/24/2012

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21073 - EPA 5030B											
Blank (BJ21073-BLK1)									Prepared: 10/23/2012 Analyzed: 10/24/2012		
Styrene	ND	0.50	ug/L								
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*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*63.5-145*				
Surrogate: Toluene-d8	*9.79*		*"*	*10.0*		*97.9*	*81.2-127*				
LCS (BJ21073-BS1)									Prepared: 10/23/2012 Analyzed: 10/24/2012		
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130				
1,1,1-Trichloroethane	9.95		"	10.0		99.5	75.6-137				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	71.1-129				
1,1,2-Trichloroethane	10.0		"	10.0		100	74.5-129				
1,1-Dichloroethane	10.5		"	10.0		105	79.6-132				
1,1-Dichloroethylene	9.71		"	10.0		97.1	80.2-146				
1,1-Dichloropropylene	9.59		"	10.0		95.9	75-136				
1,2,3-Trichlorobenzene	9.87		"	10.0		98.7	66.1-136				
1,2,3-Trichloropropane	9.90		"	10.0		99.0	63-131				
1,2,4-Trichlorobenzene	9.84		"	10.0		98.4	70.6-136				
1,2,4-Trimethylbenzene	10.0		"	10.0		100	75.3-135				
1,2-Dibromo-3-chloropropane	9.87		"	10.0		98.7	58.9-140				
1,2-Dibromoethane	10.5		"	10.0		105	79-130				
1,2-Dichlorobenzene	10.0		"	10.0		100	76.1-122				
1,2-Dichloroethane	10.3		"	10.0		103	74.6-132				
1,2-Dichloropropane	10.0		"	10.0		100	76.9-129				
1,3,5-Trimethylbenzene	9.44		"	10.0		94.4	70.6-127				
1,3-Dichlorobenzene	9.51		"	10.0		95.1	77-124				
1,3-Dichloropropane	9.93		"	10.0		99.3	75.8-126				
1,4-Dichlorobenzene	9.84		"	10.0		98.4	76.6-125				
2,2-Dichloropropane	8.77		"	10.0		87.7	69-133				
2-Chlorotoluene	9.16		"	10.0		91.6	66.3-119				
2-Hexanone	10.0		"	10.0		100	70-130				
4-Chlorotoluene	9.48		"	10.0		94.8	69.2-127				
Acetone	9.46		"	10.0		94.6	70-130				
Benzene	10.0		"	10.0		100	76.2-129				
Bromobenzene	9.36		"	10.0		93.6	71.3-123				
Bromochloromethane	10.8		"	10.0		108	70.8-137				
Bromodichloromethane	10.1		"	10.0		101	79.7-134				
Bromoform	11.0		"	10.0		110	70.5-141				
Bromomethane	13.6		"	10.0		136	43.9-147				
Carbon tetrachloride	10.3		"	10.0		103	78.1-138				
Chlorobenzene	10.2		"	10.0		102	80.4-125				
Chloroethane	9.47		"	10.0		94.7	55.8-140				
Chloroform	10.2		"	10.0		102	76.6-133				
Chloromethane	7.82		"	10.0		78.2	48.8-115				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128				
cis-1,3-Dichloropropylene	9.15		"	10.0		91.5	74.5-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21073 - EPA 5030B											
LCS (BJ21073-BS1)								Prepared: 10/23/2012 Analyzed: 10/24/2012			
Dibromochloromethane	10.6		ug/L	10.0		106	79.8-134				
Dibromomethane	10.3		"	10.0		103	79-130				
Dichlorodifluoromethane	7.55		"	10.0		75.5	47.1-101				
Ethyl Benzene	10.0		"	10.0		100	80.8-128				
Hexachlorobutadiene	9.11		"	10.0		91.1	64.8-128				
Isopropylbenzene	10.4		"	10.0		104	75.5-135				
Methyl tert-butyl ether (MTBE)	15.3		"	10.0		153	65.1-140	High Bias			
Methylene chloride	10.3		"	10.0		103	61.3-120				
Naphthalene	10.4		"	10.0		104	62.3-148				
n-Butylbenzene	9.32		"	10.0		93.2	67.2-123				
n-Propylbenzene	9.54		"	10.0		95.4	70.5-127				
o-Xylene	9.52		"	10.0		95.2	75.9-122				
p- & m- Xylenes	19.8		"	20.0		98.9	77.7-127				
p-Isopropyltoluene	9.95		"	10.0		99.5	75.6-129				
sec-Butylbenzene	9.50		"	10.0		95.0	71.5-125				
Styrene	9.93		"	10.0		99.3	77.8-123				
tert-Butylbenzene	10.1		"	10.0		101	75.9-151				
Tetrachloroethylene	13.4		"	10.0		134	63.6-167				
Toluene	9.86		"	10.0		98.6	77-123				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	76.3-139				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137				
Trichloroethylene	10.1		"	10.0		101	77.9-130				
Trichlorofluoromethane	9.14		"	10.0		91.4	57.4-133				
Vinyl Chloride	8.33		"	10.0		83.3	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*63.5-145*				
Surrogate: Toluene-d8	*9.74*		*"*	*10.0*		*97.4*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21073 - EPA 5030B											
LCS Dup (BJ21073-BSD1)									Prepared: 10/23/2012 Analyzed: 10/24/2012		
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82.3-130		4.35	21.1	
1,1,1-Trichloroethane	9.76		"	10.0		97.6	75.6-137		1.93	19.7	
1,1,2,2-Tetrachloroethane	8.95		"	10.0		89.5	71.3-131		12.9	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	71.1-129		1.21	21.7	
1,1,2-Trichloroethane	9.44		"	10.0		94.4	74.5-129		6.26	20.3	
1,1-Dichloroethane	10.3		"	10.0		103	79.6-132		2.11	20.6	
1,1-Dichloroethylene	9.52		"	10.0		95.2	80.2-146		1.98	20	
1,1-Dichloropropylene	9.31		"	10.0		93.1	75-136		2.96	19.3	
1,2,3-Trichlorobenzene	9.37		"	10.0		93.7	66.1-136		5.20	21.6	
1,2,3-Trichloropropane	8.92		"	10.0		89.2	63-131		10.4	23.9	
1,2,4-Trichlorobenzene	9.29		"	10.0		92.9	70.6-136		5.75	21.7	
1,2,4-Trimethylbenzene	9.72		"	10.0		97.2	75.3-135		3.14	18.8	
1,2-Dibromo-3-chloropropane	9.07		"	10.0		90.7	58.9-140		8.45	27.7	
1,2-Dibromoethane	9.58		"	10.0		95.8	79-130		9.54	23	
1,2-Dichlorobenzene	9.63		"	10.0		96.3	76.1-122		4.07	19.8	
1,2-Dichloroethane	9.91		"	10.0		99.1	74.6-132		4.05	20.2	
1,2-Dichloropropane	9.54		"	10.0		95.4	76.9-129		4.71	20.7	
1,3,5-Trimethylbenzene	9.15		"	10.0		91.5	70.6-127		3.12	18.9	
1,3-Dichlorobenzene	9.19		"	10.0		91.9	77-124		3.42	19.2	
1,3-Dichloropropane	9.36		"	10.0		93.6	75.8-126		5.91	22.1	
1,4-Dichlorobenzene	9.45		"	10.0		94.5	76.6-125		4.04	18.6	
2,2-Dichloropropane	8.49		"	10.0		84.9	69-133		3.24	19.8	
2-Chlorotoluene	8.92		"	10.0		89.2	66.3-119		2.65	21.6	
2-Hexanone	9.07		"	10.0		90.7	70-130		9.95	30	
4-Chlorotoluene	9.18		"	10.0		91.8	69.2-127		3.22	19	
Acetone	9.18		"	10.0		91.8	70-130		3.00	30	
Benzene	9.81		"	10.0		98.1	76.2-129		2.42	19	
Bromobenzene	9.12		"	10.0		91.2	71.3-123		2.60	20.3	
Bromochloromethane	10.4		"	10.0		104	70.8-137		4.15	23.9	
Bromodichloromethane	9.74		"	10.0		97.4	79.7-134		3.53	21	
Bromoform	9.92		"	10.0		99.2	70.5-141		9.87	21.8	
Bromomethane	13.1		"	10.0		131	43.9-147		3.97	28.4	
Carbon tetrachloride	10.1		"	10.0		101	78.1-138		2.35	20.1	
Chlorobenzene	9.85		"	10.0		98.5	80.4-125		3.69	19.9	
Chloroethane	9.39		"	10.0		93.9	55.8-140		0.848	23.3	
Chloroform	10.0		"	10.0		100	76.6-133		1.58	20.3	
Chloromethane	7.88		"	10.0		78.8	48.8-115		0.764	24.5	
cis-1,2-Dichloroethylene	9.89		"	10.0		98.9	75.1-128		1.80	20.5	
cis-1,3-Dichloropropylene	8.57		"	10.0		85.7	74.5-128		6.55	19.9	
Dibromochloromethane	10.2		"	10.0		102	79.8-134		3.94	21.3	
Dibromomethane	9.70		"	10.0		97.0	79-130		6.19	22.4	
Dichlorodifluoromethane	7.42		"	10.0		74.2	47.1-101		1.74	23.9	
Ethyl Benzene	9.84		"	10.0		98.4	80.8-128		2.11	19.2	
Hexachlorobutadiene	9.06		"	10.0		90.6	64.8-128		0.550	20.6	
Isopropylbenzene	10.2		"	10.0		102	75.5-135		2.13	20	
Methyl tert-butyl ether (MTBE)	14.0		"	10.0		140	65.1-140		8.92	23.6	
Methylene chloride	9.67		"	10.0		96.7	61.3-120		6.02	20.4	
Naphthalene	9.44		"	10.0		94.4	62.3-148		9.29	27.1	
n-Butylbenzene	9.12		"	10.0		91.2	67.2-123		2.17	19.1	
n-Propylbenzene	9.33		"	10.0		93.3	70.5-127		2.23	23.4	
o-Xylene	9.25		"	10.0		92.5	75.9-122		2.88	19.3	
p- & m- Xylenes	19.4		"	20.0		97.2	77.7-127		1.79	18.6	
p-Isopropyltoluene	9.77		"	10.0		97.7	75.6-129		1.83	19.1	
sec-Butylbenzene	9.40		"	10.0		94.0	71.5-125		1.06	18.9	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21073 - EPA 5030B											
LCS Dup (BJ21073-BSD1)									Prepared: 10/23/2012 Analyzed: 10/24/2012		
Styrene	9.58		ug/L	10.0		95.8	77.8-123		3.59	20.9	
tert-Butylbenzene	9.63		"	10.0		96.3	75.9-151		4.76	20.9	
Tetrachloroethylene	15.2		"	10.0		152	63.6-167		12.7	27.7	
Toluene	9.56		"	10.0		95.6	77-123		3.09	18.7	
trans-1,2-Dichloroethylene	10.0		"	10.0		100	76.3-139		2.17	19.5	
trans-1,3-Dichloropropylene	9.27		"	10.0		92.7	72.5-137		9.36	19.3	
Trichloroethylene	9.97		"	10.0		99.7	77.9-130		0.998	20.5	
Trichlorofluoromethane	9.05		"	10.0		90.5	57.4-133		0.990	21.4	
Vinyl Chloride	8.19		"	10.0		81.9	54.9-124		1.69	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*63.5-145*				
Surrogate: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21028 - EPA 3010A											
Blank (BJ21028-BLK1)								Prepared & Analyzed: 10/22/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BJ21028-DUP1)	*Source sample: 12J0707-01 (WQ101612:1110NP2-10)							Prepared & Analyzed: 10/22/2012			
Iron - Dissolved	0.171	0.0100	mg/L		0.164				3.82	20	
Matrix Spike (BJ21028-MS1)	*Source sample: 12J0707-01 (WQ101612:1110NP2-10)							Prepared & Analyzed: 10/22/2012			
Iron - Dissolved	1.21	0.0100	mg/L	1.00	0.164	105	75-125				
Reference (BJ21028-SRM1)								Prepared & Analyzed: 10/22/2012			
Iron - Dissolved	0.267	0.0100	mg/L	0.274		97.5	86.9-115				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21028 - EPA 3010A											
Blank (BJ21028-BLK1)								Prepared & Analyzed: 10/22/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BJ21028-DUP1)	*Source sample: 12J0707-01 (WQ101612:1110NP2-10)							Prepared & Analyzed: 10/22/2012			
Iron	1.18	0.0100	mg/L		1.20				1.34	20	
Matrix Spike (BJ21028-MS1)	*Source sample: 12J0707-01 (WQ101612:1110NP2-10)							Prepared & Analyzed: 10/22/2012			
Iron	2.20	0.0100	mg/L	1.00	1.20	100	75-125				
Reference (BJ21028-SRM1)								Prepared & Analyzed: 10/22/2012			
Iron	0.267	0.0100	mg/L	0.274		97.5	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21033 - % Solids Prep											
Blank (BJ21033-BLK1)									Prepared: 10/22/2012 Analyzed: 10/23/2012		
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BJ21033-DUP1)	*Source sample: 12J0707-01 (WQ101612:1110NP2-10)								Prepared: 10/22/2012 Analyzed: 10/23/2012		
Total Dissolved Solids	106	1.00	mg/L		105				0.948	15	

Notes and Definitions

QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.

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

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.

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. 12 J0 706

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@LBGLT.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.

Turn-Around Time
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☐
Samples from: CT ___ NY X NJ ___
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 NP2-100nly, 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 (No Dioxins/Furans)	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded (with Dioxins)	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)
WQ101612:1100NP2-6	10/16/12 1100	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus Iron 113	2x 2P
WQ101612:1105NP2-7	1105	GW	↓	2x 2P
WQ101612:1110NP2-10	1110	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus Iron 113 / TDS (SM 2540C)	2x 3O

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: 10/18/12 @1240
Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 10/18/12 12:45
Samples Received in LAB by — Date/Time: 10-18-12 1600

Temperature on Receipt: 4.1 °C

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

Field Chain-of-Custody Record

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

York Project No. 12 J0 707

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 NP2-100nly, pdf.
- NJDEP Red. Deliv. ___

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

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

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

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Expanded (No Dioxins/Furans)	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Expanded (Full List)	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ101612: 1100NP2-6	10/16/12 1100	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus frocn 113	2v 2p
WQ101612: 1105NP2-7	1105	GW		2v 2p
WQ101612: 1110NP2-10	1110	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus frocn 113 / TDS (SM 2540C)	2v 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] Date/Time: 10/18/12 @1240
Samples Received By: TC [signature] Date/Time: 10/18/12 12:45
Samples Relinquished By: ___ Date/Time: ___
Samples Received in LAB by: Grace Date/Time: 10-18-12 1600

Temperature on Receipt 4.1 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 11/05/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12J0941

Report Date: 11/05/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12J0941

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde 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 October 25, 2012 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
12J0941-01	WQ102212:1020NP2-6	Water	10/22/2012	10/25/2012
12J0941-02	WQ102212:1025NP2-7	Water	10/22/2012	10/25/2012
12J0942-01	WQ102212:1030NP2-10	Water	10/22/2012	10/25/2012

General Notes for York Project (SDG) No.: 12J0941

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:** 11/05/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ102212:1020NP2-6 **York Sample ID:** 12J0941-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0941	Rowe Industries	Water	October 22, 2012 10:20 am	10/25/2012

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	0.071	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
71-55-6	1,1,1-Trichloroethane	**0.69**		ug/L	0.024	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
75-34-3	1,1-Dichloroethane	**0.38**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS

Sample Information

Client Sample ID: WQ102212:1020NP2-6 **York Sample ID:** 12J0941-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0941	Rowe Industries	Water	October 22, 2012 10:20 am	10/25/2012

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	0.063	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
67-66-3	Chloroform	**0.27**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
127-18-4	Tetrachloroethylene	**0.71**		ug/L	0.070	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
79-01-6	Trichloroethylene	**0.13**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:51	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.9 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.1 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: WQ102212:1020NP2-6 **York Sample ID:** 12J0941-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0941	Rowe Industries	Water	October 22, 2012 10:20 am	10/25/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0100	1	EPA SW846-6010B	10/31/2012 13:56	11/01/2012 05:01	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.936**		mg/L	0.0100	0.0100	1	EPA 200.7	10/31/2012 13:56	11/01/2012 05:06	MW

Sample Information

Client Sample ID: WQ102212:1025NP2-7 **York Sample ID:** 12J0941-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0941	Rowe Industries	Water	October 22, 2012 10:25 am	10/25/2012

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	0.071	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS

Sample Information

Client Sample ID: WQ102212:1025NP2-7 **York Sample ID:** 12J0941-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0941	Rowe Industries	Water	October 22, 2012 10:25 am	10/25/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
67-64-1	Acetone	**1.5**	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS

Sample Information

Client Sample ID: WQ102212:1025NP2-7 **York Sample ID:** 12J0941-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0941	Rowe Industries	Water	October 22, 2012 10:25 am	10/25/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 07:24	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.7 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.2 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0888**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	10/31/2012 13:56	11/01/2012 05:11	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.343**		mg/L	0.0100	0.0100	1	EPA 200.7	10/31/2012 13:56	11/01/2012 05:17	MW

Sample Information

Client Sample ID: WQ102212:1030NP2-10 **York Sample ID:** 12J0942-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0942	Rowe Industries	Water	October 22, 2012 10:30 am	10/25/2012

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	0.071	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS

Sample Information

Client Sample ID: WQ102212:1030NP2-10 **York Sample ID:** 12J0942-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0942	Rowe Industries	Water	October 22, 2012 10:30 am	10/25/2012

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
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS

Sample Information

Client Sample ID: WQ102212:1030NP2-10 **York Sample ID:** 12J0942-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0942	Rowe Industries	Water	October 22, 2012 10:30 am	10/25/2012

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	0.067	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/02/2012 08:20	11/03/2012 06:17	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*88.4 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*88.6 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81.2-127*

Sample Information

Client Sample ID: WQ102212:1030NP2-10 **York Sample ID:** 12J0942-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12J0942	Rowe Industries	Water	October 22, 2012 10:30 am	10/25/2012

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	**0.125**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	10/31/2012 13:56	11/01/2012 05:22	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.473**		mg/L	0.0100	0.0100	1	EPA 200.7	10/31/2012 13:56	11/01/2012 05:41	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	**115**		mg/L	1.00	1.00	1	SM 2540C	10/29/2012 15:22	10/30/2012 15:22	ALD

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BJ21280 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12J0942-01	WQ102212:1030NP2-10	10/29/12
BJ21280-BLK1	Blank	10/29/12
BJ21280-DUP1	Duplicate	10/29/12

Batch ID: BJ21345 **Preparation Method:** EPA 5030B **Prepared By:** VRL

YORK Sample ID	Client Sample ID	Preparation Date
12J0941-01	WQ102212:1020NP2-6	11/02/12
12J0941-02	WQ102212:1025NP2-7	11/02/12
12J0942-01	WQ102212:1030NP2-10	11/02/12
BJ21345-BLK1	Blank	11/02/12
BJ21345-BS1	LCS	11/02/12
BJ21345-BSD1	LCS Dup	11/02/12

Batch ID: BJ21358 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12J0941-01	WQ102212:1020NP2-6	10/31/12
12J0941-01	WQ102212:1020NP2-6	10/31/12
12J0941-02	WQ102212:1025NP2-7	10/31/12
12J0941-02	WQ102212:1025NP2-7	10/31/12
12J0942-01	WQ102212:1030NP2-10	10/31/12
12J0942-01	WQ102212:1030NP2-10	10/31/12
BJ21358-BLK1	Blank	11/01/12
BJ21358-BLK1	Blank	11/01/12
BJ21358-SRM1	Reference	10/31/12
BJ21358-SRM1	Reference	10/31/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21345 - EPA 5030B											
Blank (BJ21345-BLK1)											
Prepared: 11/02/2012 Analyzed: 11/03/2012											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.9	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	0.33	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	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21345 - EPA 5030B											
Blank (BJ21345-BLK1)								Prepared: 11/02/2012 Analyzed: 11/03/2012			
Styrene	ND	0.50	ug/L								
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	*9.03*		*"*	*10.0*		*90.3*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.91*		*"*	*10.0*		*99.1*	*63.5-145*				
Surrogate: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*81.2-127*				
LCS (BJ21345-BS1)								Prepared & Analyzed: 11/02/2012			
1,1,1,2-Tetrachloroethane	9.75		ug/L	10.0		97.5	82.3-130				
1,1,1-Trichloroethane	9.13		"	10.0		91.3	75.6-137				
1,1,2,2-Tetrachloroethane	12.4		"	10.0		124	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.86		"	10.0		98.6	71.1-129				
1,1,2-Trichloroethane	10.9		"	10.0		109	74.5-129				
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132				
1,1-Dichloroethylene	9.41		"	10.0		94.1	80.2-146				
1,1-Dichloropropylene	9.01		"	10.0		90.1	75-136				
1,2,3-Trichlorobenzene	10.0		"	10.0		100	66.1-136				
1,2,3-Trichloropropane	11.3		"	10.0		113	63-131				
1,2,4-Trichlorobenzene	9.37		"	10.0		93.7	70.6-136				
1,2,4-Trimethylbenzene	10.0		"	10.0		100	75.3-135				
1,2-Dibromo-3-chloropropane	10.5		"	10.0		105	58.9-140				
1,2-Dibromoethane	10.4		"	10.0		104	79-130				
1,2-Dichlorobenzene	10.7		"	10.0		107	76.1-122				
1,2-Dichloroethane	10.4		"	10.0		104	74.6-132				
1,2-Dichloropropane	10.6		"	10.0		106	76.9-129				
1,3,5-Trimethylbenzene	10.2		"	10.0		102	70.6-127				
1,3-Dichlorobenzene	10.3		"	10.0		103	77-124				
1,3-Dichloropropane	10.8		"	10.0		108	75.8-126				
1,4-Dichlorobenzene	10.5		"	10.0		105	76.6-125				
2,2-Dichloropropane	4.66		"	10.0		46.6	69-133	Low Bias			
2-Chlorotoluene	10.6		"	10.0		106	66.3-119				
2-Hexanone	12.2		"	10.0		122	70-130				
4-Chlorotoluene	10.9		"	10.0		109	69.2-127				
Acetone	8.42		"	10.0		84.2	70-130				
Benzene	10.1		"	10.0		101	76.2-129				
Bromobenzene	11.4		"	10.0		114	71.3-123				
Bromochloromethane	10.2		"	10.0		102	70.8-137				
Bromodichloromethane	10.5		"	10.0		105	79.7-134				
Bromoform	10.8		"	10.0		108	70.5-141				
Bromomethane	11.3		"	10.0		113	43.9-147				
Carbon tetrachloride	8.92		"	10.0		89.2	78.1-138				
Chlorobenzene	10.2		"	10.0		102	80.4-125				
Chloroethane	10.8		"	10.0		108	55.8-140				
Chloroform	9.76		"	10.0		97.6	76.6-133				
Chloromethane	10.6		"	10.0		106	48.8-115				
cis-1,2-Dichloroethylene	9.89		"	10.0		98.9	75.1-128				
cis-1,3-Dichloropropylene	8.66		"	10.0		86.6	74.5-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21345 - EPA 5030B											
LCS (BJ21345-BS1)								Prepared & Analyzed: 11/02/2012			
Dibromochloromethane	10.5		ug/L	10.0		105	79.8-134				
Dibromomethane	10.8		"	10.0		108	79-130				
Dichlorodifluoromethane	12.6		"	10.0		126	47.1-101	High Bias			
Ethyl Benzene	10.3		"	10.0		103	80.8-128				
Hexachlorobutadiene	7.55		"	10.0		75.5	64.8-128				
Isopropylbenzene	10.6		"	10.0		106	75.5-135				
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	65.1-140				
Methylene chloride	9.45		"	10.0		94.5	61.3-120				
Naphthalene	11.3		"	10.0		113	62.3-148				
n-Butylbenzene	9.53		"	10.0		95.3	67.2-123				
n-Propylbenzene	10.6		"	10.0		106	70.5-127				
o-Xylene	10.2		"	10.0		102	75.9-122				
p- & m- Xylenes	19.9		"	20.0		99.5	77.7-127				
p-Isopropyltoluene	9.98		"	10.0		99.8	75.6-129				
sec-Butylbenzene	10.4		"	10.0		104	71.5-125				
Styrene	9.46		"	10.0		94.6	77.8-123				
tert-Butylbenzene	10.5		"	10.0		105	75.9-151				
Tetrachloroethylene	8.58		"	10.0		85.8	63.6-167				
Toluene	9.96		"	10.0		99.6	77-123				
trans-1,2-Dichloroethylene	9.69		"	10.0		96.9	76.3-139				
trans-1,3-Dichloropropylene	9.20		"	10.0		92.0	72.5-137				
Trichloroethylene	9.82		"	10.0		98.2	77.9-130				
Trichlorofluoromethane	9.32		"	10.0		93.2	57.4-133				
Vinyl Chloride	10.7		"	10.0		107	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.51*		*"*	*10.0*		*95.1*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*9.66*		*"*	*10.0*		*96.6*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21345 - EPA 5030B											
LCS Dup (BJ21345-BSD1)							Prepared & Analyzed: 11/02/2012				
1,1,1,2-Tetrachloroethane	9.44		ug/L	10.0		94.4	82.3-130		3.23	21.1	
1,1,1-Trichloroethane	9.96		"	10.0		99.6	75.6-137		8.70	19.7	
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	71.3-131		16.0	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9		"	10.0		109	71.1-129		9.93	21.7	
1,1,2-Trichloroethane	10.6		"	10.0		106	74.5-129		2.88	20.3	
1,1-Dichloroethane	10.2		"	10.0		102	79.6-132		1.08	20.6	
1,1-Dichloroethylene	9.99		"	10.0		99.9	80.2-146		5.98	20	
1,1-Dichloropropylene	9.78		"	10.0		97.8	75-136		8.20	19.3	
1,2,3-Trichlorobenzene	8.83		"	10.0		88.3	66.1-136		12.4	21.6	
1,2,3-Trichloropropane	9.91		"	10.0		99.1	63-131		12.8	23.9	
1,2,4-Trichlorobenzene	8.75		"	10.0		87.5	70.6-136		6.84	21.7	
1,2,4-Trimethylbenzene	9.44		"	10.0		94.4	75.3-135		5.76	18.8	
1,2-Dibromo-3-chloropropane	9.24		"	10.0		92.4	58.9-140		13.0	27.7	
1,2-Dibromoethane	10.2		"	10.0		102	79-130		2.33	23	
1,2-Dichlorobenzene	10.4		"	10.0		104	76.1-122		2.85	19.8	
1,2-Dichloroethane	10.2		"	10.0		102	74.6-132		1.16	20.2	
1,2-Dichloropropane	10.7		"	10.0		107	76.9-129		0.564	20.7	
1,3,5-Trimethylbenzene	9.74		"	10.0		97.4	70.6-127		4.61	18.9	
1,3-Dichlorobenzene	9.91		"	10.0		99.1	77-124		4.25	19.2	
1,3-Dichloropropane	10.3		"	10.0		103	75.8-126		5.49	22.1	
1,4-Dichlorobenzene	9.90		"	10.0		99.0	76.6-125		5.69	18.6	
2,2-Dichloropropane	4.91		"	10.0		49.1	69-133	Low Bias	5.22	19.8	
2-Chlorotoluene	9.89		"	10.0		98.9	66.3-119		6.84	21.6	
2-Hexanone	11.4		"	10.0		114	70-130		6.28	30	
4-Chlorotoluene	10.1		"	10.0		101	69.2-127		7.69	19	
Acetone	8.22		"	10.0		82.2	70-130		2.40	30	
Benzene	10.4		"	10.0		104	76.2-129		3.03	19	
Bromobenzene	10.2		"	10.0		102	71.3-123		10.8	20.3	
Bromochloromethane	10.3		"	10.0		103	70.8-137		1.17	23.9	
Bromodichloromethane	10.3		"	10.0		103	79.7-134		1.35	21	
Bromoform	9.27		"	10.0		92.7	70.5-141		14.9	21.8	
Bromomethane	12.3		"	10.0		123	43.9-147		8.50	28.4	
Carbon tetrachloride	10.1		"	10.0		101	78.1-138		12.3	20.1	
Chlorobenzene	10.2		"	10.0		102	80.4-125		0.196	19.9	
Chloroethane	11.0		"	10.0		110	55.8-140		2.66	23.3	
Chloroform	9.91		"	10.0		99.1	76.6-133		1.53	20.3	
Chloromethane	10.5		"	10.0		105	48.8-115		1.13	24.5	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128		2.20	20.5	
cis-1,3-Dichloropropylene	8.52		"	10.0		85.2	74.5-128		1.63	19.9	
Dibromochloromethane	10.3		"	10.0		103	79.8-134		1.63	21.3	
Dibromomethane	10.6		"	10.0		106	79-130		1.88	22.4	
Dichlorodifluoromethane	14.6		"	10.0		146	47.1-101	High Bias	14.6	23.9	
Ethyl Benzene	10.4		"	10.0		104	80.8-128		0.968	19.2	
Hexachlorobutadiene	7.98		"	10.0		79.8	64.8-128		5.54	20.6	
Isopropylbenzene	10.3		"	10.0		103	75.5-135		2.88	20	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	65.1-140		2.28	23.6	
Methylene chloride	9.44		"	10.0		94.4	61.3-120		0.106	20.4	
Naphthalene	9.89		"	10.0		98.9	62.3-148		13.0	27.1	
n-Butylbenzene	9.73		"	10.0		97.3	67.2-123		2.08	19.1	
n-Propylbenzene	10.2		"	10.0		102	70.5-127		3.64	23.4	
o-Xylene	10.0		"	10.0		100	75.9-122		1.48	19.3	
p- & m- Xylenes	20.3		"	20.0		101	77.7-127		1.79	18.6	
p-Isopropyltoluene	10.1		"	10.0		101	75.6-129		0.898	19.1	
sec-Butylbenzene	10.4		"	10.0		104	71.5-125		0.192	18.9	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21345 - EPA 5030B											
LCS Dup (BJ21345-BSD1)							Prepared & Analyzed: 11/02/2012				
Styrene	9.45		ug/L	10.0		94.5	77.8-123		0.106	20.9	
tert-Butylbenzene	10.1		"	10.0		101	75.9-151		3.89	20.9	
Tetrachloroethylene	9.48		"	10.0		94.8	63.6-167		9.97	27.7	
Toluene	10.2		"	10.0		102	77-123		2.67	18.7	
trans-1,2-Dichloroethylene	10.1		"	10.0		101	76.3-139		4.44	19.5	
trans-1,3-Dichloropropylene	8.92		"	10.0		89.2	72.5-137		3.09	19.3	
Trichloroethylene	10.4		"	10.0		104	77.9-130		6.02	20.5	
Trichlorofluoromethane	10.6		"	10.0		106	57.4-133		13.1	21.4	
Vinyl Chloride	11.5		"	10.0		115	54.9-124		7.13	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.46*		*"*	*10.0*		*94.6*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.54*		*"*	*10.0*		*95.4*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21358 - EPA 3010A											
Blank (BJ21358-BLK1)								Prepared & Analyzed: 11/01/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Reference (BJ21358-SRM1)								Prepared: 10/31/2012 Analyzed: 11/01/2012			
Iron - Dissolved	0.275	0.0100	mg/L	0.274		100	86.9-115				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21358 - EPA 3010A											
Blank (BJ21358-BLK1)								Prepared & Analyzed: 11/01/2012			
Iron	ND	0.0100	mg/L								
Reference (BJ21358-SRM1)								Prepared: 10/31/2012 Analyzed: 11/01/2012			
Iron	0.275	0.0100	mg/L	0.274		100	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ21280 - % Solids Prep											
Blank (BJ21280-BLK1)									Prepared: 10/29/2012 Analyzed: 10/30/2012		
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BJ21280-DUP1)	*Source sample: 12J0942-01 (WQ102212:1030NP2-10)								Prepared: 10/29/2012 Analyzed: 10/30/2012		
Total Dissolved Solids	118	1.00	mg/L		115				2.58	15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
12J0941-01	WQ102212:1020NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12J0941-02	WQ102212:1025NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12J0942-01	WQ102212:1030NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.

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

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

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

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

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

NR Not reported

RPD Relative Percent Difference

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

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

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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

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

York Project No. 12J0941

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

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

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

STEPHEN HNAT
Name (printed)

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

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

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

Sample Identification	Date Sampled		Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ102212:1020NP2-6	10/22/12	1020	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	2v 2P
WQ102212:1025NP2-7	↓	1025	GW	↓	2v 2P
WQ102212:1030NP2-10	↓	1030	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260B) plus freon 113 / TDS (SM 2540C)	2v 3P

Comments

Preservation — Check those Applicable: 4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc____ Ascorbic Acid____ Other____

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	10/25/12 1:00	[signature]	10/25 1:00
Samples Relinquished By	Date/Time	Samples Received in LAB by [signature]	10/25/12-1500

Temperature on Receipt 4.6 °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. 12To942

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	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	Inorg. 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)
WQ102212:1020NP2-6	10/22/12	1020	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus from 113	2v 2P
WQ102212:1025NP2-7	↓	1025	GW	↓	2v 2P
WQ102212:1030NP2-10	↓	1030	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)	2v 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: Daniel Ward 10/25/12 1:00
Samples Relinquished By: ___ Date/Time ___
Samples Received By: [signature] 10/25 1400
Samples Received in LAB by: J. Zhu 10/25/12-1500 Date/Time

Temperature on Receipt 4.6 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 11/14/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0082

Report Date: 11/14/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0082

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde 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 November 05, 2012 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
12K0082-01	WQ103112:1620NP2-6	Water	10/31/2012	11/05/2012
12K0082-02	WQ103112:1625NP2-7	Water	10/31/2012	11/05/2012
12K0083-01	WQ103112:1630NP2-10	Water	10/31/2012	11/05/2012

General Notes for York Project (SDG) No.: 12K0082

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: 11/14/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ103112:1620NP2-6 **York Sample ID:** 12K0082-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0082	Rowe Industries	Water	October 31, 2012 4:20 pm	11/05/2012

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	0.071	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
71-55-6	1,1,1-Trichloroethane	**0.35**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
75-34-3	1,1-Dichloroethane	**0.14**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
67-64-1	Acetone	**1.2**	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS

Sample Information

Client Sample ID: WQ103112:1620NP2-6 **York Sample ID:** 12K0082-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0082	Rowe Industries	Water	October 31, 2012 4:20 pm	11/05/2012

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	0.090	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
67-66-3	Chloroform	**0.23**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
127-18-4	Tetrachloroethylene	**0.67**		ug/L	0.070	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:07	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*125 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.5 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81.2-127*

Sample Information

Client Sample ID: WQ103112:1620NP2-6 **York Sample ID:** 12K0082-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0082	Rowe Industries	Water	October 31, 2012 4:20 pm	11/05/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	11/08/2012 12:31	11/08/2012 19:06	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**6.55**		mg/L	0.0100	0.0200	1	EPA 200.7	11/08/2012 12:31	11/08/2012 19:25	MW

Sample Information

Client Sample ID: WQ103112:1625NP2-7 **York Sample ID:** 12K0082-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0082	Rowe Industries	Water	October 31, 2012 4:25 pm	11/05/2012

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	0.071	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS

Sample Information

Client Sample ID: WQ103112:1625NP2-7 **York Sample ID:** 12K0082-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0082	Rowe Industries	Water	October 31, 2012 4:25 pm	11/05/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
67-64-1	Acetone	**1.8**	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS

Sample Information

Client Sample ID: WQ103112:1625NP2-7 **York Sample ID:** 12K0082-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0082	Rowe Industries	Water	October 31, 2012 4:25 pm	11/05/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/13/2012 15:13	11/14/2012 01:43	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*114 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.7 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0281**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	11/08/2012 12:31	11/08/2012 19:31	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**10.2**		mg/L	0.0100	0.0200	1	EPA 200.7	11/08/2012 12:31	11/08/2012 19:36	MW

Sample Information

Client Sample ID: WQ103112:1630NP2-10 **York Sample ID:** 12K0083-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0083	Rowe Industries	Water	October 31, 2012 4:30 pm	11/05/2012

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	0.071	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS

Sample Information

Client Sample ID: WQ103112:1630NP2-10 **York Sample ID:** 12K0083-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0083	Rowe Industries	Water	October 31, 2012 4:30 pm	11/05/2012

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
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
67-64-1	Acetone	**10**		ug/L	0.90	2.0	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS

Sample Information

Client Sample ID: WQ103112:1630NP2-10 **York Sample ID:** 12K0083-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0083	Rowe Industries	Water	October 31, 2012 4:30 pm	11/05/2012

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	0.067	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
108-88-3	Toluene	**0.16**	J	ug/L	0.042	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/07/2012 12:20	11/08/2012 10:11	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.5 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.3 %*	*81.2-127*

Sample Information

Client Sample ID: WQ103112:1630NP2-10 **York Sample ID:** 12K0083-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0083	Rowe Industries	Water	October 31, 2012 4:30 pm	11/05/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	11/12/2012 09:00	11/12/2012 10:50	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**19.0**		mg/L	0.0100	0.0200	1	EPA 200.7	11/12/2012 09:00	11/12/2012 11:09	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	**73.0**		mg/L	1.00	1.00	1	SM 2540C	11/07/2012 08:44	11/08/2012 08:44	ALD

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BK20249 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12K0083-01	WQ103112:1630NP2-10	11/07/12
BK20249-BLK1	Blank	11/07/12

Batch ID: BK20261 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
12K0083-01	WQ103112:1630NP2-10	11/07/12
BK20261-BLK1	Blank	11/07/12
BK20261-BS1	LCS	11/07/12
BK20261-BSD1	LCS Dup	11/07/12

Batch ID: BK20309 **Preparation Method:** EPA 3010A **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12K0082-01	WQ103112:1620NP2-6	11/08/12
12K0082-01	WQ103112:1620NP2-6	11/08/12
12K0082-02	WQ103112:1625NP2-7	11/08/12
12K0082-02	WQ103112:1625NP2-7	11/08/12
BK20309-BLK1	Blank	11/08/12
BK20309-SRM1	Reference	11/08/12

Batch ID: BK20394 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12K0083-01	WQ103112:1630NP2-10	11/12/12
12K0083-01	WQ103112:1630NP2-10	11/12/12
BK20394-BLK1	Blank	11/12/12
BK20394-BLK1	Blank	11/12/12
BK20394-DUP1	Duplicate	11/12/12
BK20394-DUP1	Duplicate	11/12/12
BK20394-MS1	Matrix Spike	11/12/12
BK20394-MS1	Matrix Spike	11/12/12
BK20394-SRM1	Reference	11/12/12
BK20394-SRM1	Reference	11/12/12

Batch ID: BK20490 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12K0082-01	WQ103112:1620NP2-6	11/13/12
12K0082-02	WQ103112:1625NP2-7	11/13/12
BK20490-BLK1	Blank	11/13/12
BK20490-BS1	LCS	11/13/12
BK20490-BSD1	LCS Dup	11/13/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20261 - EPA 5030B											
Blank (BK20261-BLK1)											
Prepared: 11/07/2012 Analyzed: 11/08/2012											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	1.0	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	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20261 - EPA 5030B											
Blank (BK20261-BLK1)								Prepared: 11/07/2012 Analyzed: 11/08/2012			
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*63.5-145*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81.2-127*				
LCS (BK20261-BS1)								Prepared: 11/07/2012 Analyzed: 11/08/2012			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82.3-130				
1,1,1-Trichloroethane	11.3		"	10.0		113	75.6-137				
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9		"	10.0		109	71.1-129				
1,1,2-Trichloroethane	10.7		"	10.0		107	74.5-129				
1,1-Dichloroethane	11.5		"	10.0		115	79.6-132				
1,1-Dichloroethylene	9.60		"	10.0		96.0	80.2-146				
1,1-Dichloropropylene	10.0		"	10.0		100	75-136				
1,2,3-Trichlorobenzene	9.83		"	10.0		98.3	66.1-136				
1,2,3-Trichloropropane	9.47		"	10.0		94.7	63-131				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	70.6-136				
1,2,4-Trimethylbenzene	10.0		"	10.0		100	75.3-135				
1,2-Dibromo-3-chloropropane	14.0		"	10.0		140	58.9-140				
1,2-Dibromoethane	10.3		"	10.0		103	79-130				
1,2-Dichlorobenzene	9.94		"	10.0		99.4	76.1-122				
1,2-Dichloroethane	10.3		"	10.0		103	74.6-132				
1,2-Dichloropropane	10.2		"	10.0		102	76.9-129				
1,3,5-Trimethylbenzene	9.97		"	10.0		99.7	70.6-127				
1,3-Dichlorobenzene	9.86		"	10.0		98.6	77-124				
1,3-Dichloropropane	9.73		"	10.0		97.3	75.8-126				
1,4-Dichlorobenzene	9.68		"	10.0		96.8	76.6-125				
2,2-Dichloropropane	9.01		"	10.0		90.1	69-133				
2-Chlorotoluene	9.30		"	10.0		93.0	66.3-119				
2-Hexanone	10.2		"	10.0		102	70-130				
4-Chlorotoluene	9.65		"	10.0		96.5	69.2-127				
Acetone	6.41		"	10.0		64.1	70-130	Low Bias			
Benzene	10.4		"	10.0		104	76.2-129				
Bromobenzene	10.1		"	10.0		101	71.3-123				
Bromochloromethane	10.9		"	10.0		109	70.8-137				
Bromodichloromethane	10.3		"	10.0		103	79.7-134				
Bromoform	9.94		"	10.0		99.4	70.5-141				
Bromomethane	9.39		"	10.0		93.9	43.9-147				
Carbon tetrachloride	10.9		"	10.0		109	78.1-138				
Chlorobenzene	10.5		"	10.0		105	80.4-125				
Chloroethane	10.1		"	10.0		101	55.8-140				
Chloroform	10.5		"	10.0		105	76.6-133				
Chloromethane	9.42		"	10.0		94.2	48.8-115				
cis-1,2-Dichloroethylene	9.89		"	10.0		98.9	75.1-128				
cis-1,3-Dichloropropylene	9.28		"	10.0		92.8	74.5-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20261 - EPA 5030B											
LCS (BK20261-BS1)								Prepared: 11/07/2012 Analyzed: 11/08/2012			
Dibromochloromethane	10.9		ug/L	10.0		109	79.8-134				
Dibromomethane	10.2		"	10.0		102	79-130				
Dichlorodifluoromethane	10.2		"	10.0		102	47.1-101	High Bias			
Ethyl Benzene	10.5		"	10.0		105	80.8-128				
Hexachlorobutadiene	10.5		"	10.0		105	64.8-128				
Isopropylbenzene	9.78		"	10.0		97.8	75.5-135				
Methyl tert-butyl ether (MTBE)	11.7		"	10.0		117	65.1-140				
Methylene chloride	9.36		"	10.0		93.6	61.3-120				
Naphthalene	10.4		"	10.0		104	62.3-148				
n-Butylbenzene	9.14		"	10.0		91.4	67.2-123				
n-Propylbenzene	9.49		"	10.0		94.9	70.5-127				
o-Xylene	10.4		"	10.0		104	75.9-122				
p- & m- Xylenes	21.0		"	20.0		105	77.7-127				
p-Isopropyltoluene	9.86		"	10.0		98.6	75.6-129				
sec-Butylbenzene	9.67		"	10.0		96.7	71.5-125				
Styrene	12.2		"	10.0		122	77.8-123				
tert-Butylbenzene	9.72		"	10.0		97.2	75.9-151				
Tetrachloroethylene	10.4		"	10.0		104	63.6-167				
Toluene	10.1		"	10.0		101	77-123				
trans-1,2-Dichloroethylene	9.90		"	10.0		99.0	76.3-139				
trans-1,3-Dichloropropylene	10.0		"	10.0		100	72.5-137				
Trichloroethylene	10.1		"	10.0		101	77.9-130				
Trichlorofluoromethane	9.45		"	10.0		94.5	57.4-133				
Vinyl Chloride	9.30		"	10.0		93.0	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.69*		*"*	*10.0*		*96.9*	*63.5-145*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20261 - EPA 5030B											
LCS Dup (BK20261-BSD1)								Prepared: 11/07/2012 Analyzed: 11/08/2012			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82.3-130		3.41	21.1	
1,1,1-Trichloroethane	10.6		"	10.0		106	75.6-137		6.28	19.7	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	71.3-131		2.97	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9		"	10.0		109	71.1-129		0.368	21.7	
1,1,2-Trichloroethane	10.2		"	10.0		102	74.5-129		5.55	20.3	
1,1-Dichloroethane	11.9		"	10.0		119	79.6-132		4.10	20.6	
1,1-Dichloroethylene	9.66		"	10.0		96.6	80.2-146		0.623	20	
1,1-Dichloropropylene	10.6		"	10.0		106	75-136		5.43	19.3	
1,2,3-Trichlorobenzene	11.3		"	10.0		113	66.1-136		14.0	21.6	
1,2,3-Trichloropropane	10.2		"	10.0		102	63-131		6.93	23.9	
1,2,4-Trichlorobenzene	10.6		"	10.0		106	70.6-136		3.65	21.7	
1,2,4-Trimethylbenzene	10.8		"	10.0		108	75.3-135		7.22	18.8	
1,2-Dibromo-3-chloropropane	14.0		"	10.0		140	58.9-140		0.501	27.7	
1,2-Dibromoethane	9.93		"	10.0		99.3	79-130		4.05	23	
1,2-Dichlorobenzene	10.8		"	10.0		108	76.1-122		8.39	19.8	
1,2-Dichloroethane	11.7		"	10.0		117	74.6-132		12.4	20.2	
1,2-Dichloropropane	9.95		"	10.0		99.5	76.9-129		2.19	20.7	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	70.6-127		2.77	18.9	
1,3-Dichlorobenzene	10.4		"	10.0		104	77-124		5.23	19.2	
1,3-Dichloropropane	10.0		"	10.0		100	75.8-126		3.04	22.1	
1,4-Dichlorobenzene	10.3		"	10.0		103	76.6-125		6.21	18.6	
2,2-Dichloropropane	8.71		"	10.0		87.1	69-133		3.39	19.8	
2-Chlorotoluene	9.77		"	10.0		97.7	66.3-119		4.93	21.6	
2-Hexanone	9.02		"	10.0		90.2	70-130		12.5	30	
4-Chlorotoluene	10.0		"	10.0		100	69.2-127		3.96	19	
Acetone	9.35		"	10.0		93.5	70-130		37.3	30	Non-dir.
Benzene	11.2		"	10.0		112	76.2-129		7.13	19	
Bromobenzene	10.6		"	10.0		106	71.3-123		4.06	20.3	
Bromochloromethane	10.6		"	10.0		106	70.8-137		3.16	23.9	
Bromodichloromethane	10.2		"	10.0		102	79.7-134		1.76	21	
Bromoform	11.6		"	10.0		116	70.5-141		15.1	21.8	
Bromomethane	10.4		"	10.0		104	43.9-147		10.4	28.4	
Carbon tetrachloride	11.6		"	10.0		116	78.1-138		5.87	20.1	
Chlorobenzene	10.2		"	10.0		102	80.4-125		2.52	19.9	
Chloroethane	10.6		"	10.0		106	55.8-140		4.55	23.3	
Chloroform	11.4		"	10.0		114	76.6-133		8.48	20.3	
Chloromethane	10.4		"	10.0		104	48.8-115		9.89	24.5	
cis-1,2-Dichloroethylene	11.2		"	10.0		112	75.1-128		12.6	20.5	
cis-1,3-Dichloropropylene	8.42		"	10.0		84.2	74.5-128		9.72	19.9	
Dibromochloromethane	11.2		"	10.0		112	79.8-134		3.08	21.3	
Dibromomethane	10.5		"	10.0		105	79-130		3.18	22.4	
Dichlorodifluoromethane	10.8		"	10.0		108	47.1-101	High Bias	6.48	23.9	
Ethyl Benzene	10.2		"	10.0		102	80.8-128		2.70	19.2	
Hexachlorobutadiene	10.5		"	10.0		105	64.8-128		0.286	20.6	
Isopropylbenzene	10.2		"	10.0		102	75.5-135		3.71	20	
Methyl tert-butyl ether (MTBE)	13.6		"	10.0		136	65.1-140		14.7	23.6	
Methylene chloride	9.26		"	10.0		92.6	61.3-120		1.07	20.4	
Naphthalene	11.5		"	10.0		115	62.3-148		10.1	27.1	
n-Butylbenzene	9.23		"	10.0		92.3	67.2-123		0.980	19.1	
n-Propylbenzene	10.0		"	10.0		100	70.5-127		5.63	23.4	
o-Xylene	9.88		"	10.0		98.8	75.9-122		5.42	19.3	
p- & m- Xylenes	19.9		"	20.0		99.4	77.7-127		5.19	18.6	
p-Isopropyltoluene	10.3		"	10.0		103	75.6-129		4.17	19.1	
sec-Butylbenzene	10.1		"	10.0		101	71.5-125		4.05	18.9	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20261 - EPA 5030B											
LCS Dup (BK20261-BSD1)									Prepared: 11/07/2012 Analyzed: 11/08/2012		
Styrene	11.3		ug/L	10.0		113	77.8-123		8.25	20.9	
tert-Butylbenzene	10.5		"	10.0		105	75.9-151		7.91	20.9	
Tetrachloroethylene	10.1		"	10.0		101	63.6-167		2.83	27.7	
Toluene	9.48		"	10.0		94.8	77-123		6.23	18.7	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	76.3-139		8.14	19.5	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		1.19	19.3	
Trichloroethylene	9.93		"	10.0		99.3	77.9-130		1.80	20.5	
Trichlorofluoromethane	10.7		"	10.0		107	57.4-133		12.6	21.4	
Vinyl Chloride	10.2		"	10.0		102	54.9-124		9.43	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.9*		*"*	*10.0*		*109*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*63.5-145*				
Surrogate: Toluene-d8	*9.69*		*"*	*10.0*		*96.9*	*81.2-127*				
Batch BK20490 - EPA 5030B											
Blank (BK20490-BLK1)									Prepared: 11/13/2012 Analyzed: 11/14/2012		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.7	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	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20490 - EPA 5030B											
Blank (BK20490-BLK1)									Prepared: 11/13/2012 Analyzed: 11/14/2012		
cis-1,3-Dichloropropylene	ND	0.50	ug/L								
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	*12.2*		*"*	*10.0*		*122*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20490 - EPA 5030B											
LCS (BK20490-BS1)							Prepared & Analyzed: 11/13/2012				
1,1,1,2-Tetrachloroethane	9.95		ug/L	10.0		99.5	82.3-130				
1,1,1-Trichloroethane	11.1		"	10.0		111	75.6-137				
1,1,2,2-Tetrachloroethane	9.74		"	10.0		97.4	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8		"	10.0		118	71.1-129				
1,1,2-Trichloroethane	9.95		"	10.0		99.5	74.5-129				
1,1-Dichloroethane	11.0		"	10.0		110	79.6-132				
1,1-Dichloroethylene	11.5		"	10.0		115	80.2-146				
1,1-Dichloropropylene	10.4		"	10.0		104	75-136				
1,2,3-Trichlorobenzene	9.29		"	10.0		92.9	66.1-136				
1,2,3-Trichloropropane	9.48		"	10.0		94.8	63-131				
1,2,4-Trichlorobenzene	8.96		"	10.0		89.6	70.6-136				
1,2,4-Trimethylbenzene	9.33		"	10.0		93.3	75.3-135				
1,2-Dibromo-3-chloropropane	9.12		"	10.0		91.2	58.9-140				
1,2-Dibromoethane	9.86		"	10.0		98.6	79-130				
1,2-Dichlorobenzene	9.72		"	10.0		97.2	76.1-122				
1,2-Dichloroethane	12.0		"	10.0		120	74.6-132				
1,2-Dichloropropane	10.5		"	10.0		105	76.9-129				
1,3,5-Trimethylbenzene	10.0		"	10.0		100	70.6-127				
1,3-Dichlorobenzene	9.72		"	10.0		97.2	77-124				
1,3-Dichloropropane	10.0		"	10.0		100	75.8-126				
1,4-Dichlorobenzene	9.61		"	10.0		96.1	76.6-125				
2,2-Dichloropropane	9.19		"	10.0		91.9	69-133				
2-Chlorotoluene	9.75		"	10.0		97.5	66.3-119				
2-Hexanone	9.25		"	10.0		92.5	70-130				
4-Chlorotoluene	9.91		"	10.0		99.1	69.2-127				
Acetone	7.09		"	10.0		70.9	70-130				
Benzene	10.7		"	10.0		107	76.2-129				
Bromobenzene	9.95		"	10.0		99.5	71.3-123				
Bromochloromethane	10.1		"	10.0		101	70.8-137				
Bromodichloromethane	10.5		"	10.0		105	79.7-134				
Bromoform	9.37		"	10.0		93.7	70.5-141				
Bromomethane	12.4		"	10.0		124	43.9-147				
Carbon tetrachloride	11.2		"	10.0		112	78.1-138				
Chlorobenzene	10.4		"	10.0		104	80.4-125				
Chloroethane	11.0		"	10.0		110	55.8-140				
Chloroform	10.6		"	10.0		106	76.6-133				
Chloromethane	11.6		"	10.0		116	48.8-115	High Bias			
cis-1,2-Dichloroethylene	10.6		"	10.0		106	75.1-128				
cis-1,3-Dichloropropylene	9.44		"	10.0		94.4	74.5-128				
Dibromochloromethane	10.3		"	10.0		103	79.8-134				
Dibromomethane	10.2		"	10.0		102	79-130				
Dichlorodifluoromethane	12.2		"	10.0		122	47.1-101	High Bias			
Ethyl Benzene	10.4		"	10.0		104	80.8-128				
Hexachlorobutadiene	9.33		"	10.0		93.3	64.8-128				
Isopropylbenzene	10.2		"	10.0		102	75.5-135				
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	65.1-140				
Methylene chloride	9.52		"	10.0		95.2	61.3-120				
Naphthalene	9.38		"	10.0		93.8	62.3-148				
n-Butylbenzene	9.62		"	10.0		96.2	67.2-123				
n-Propylbenzene	10.1		"	10.0		101	70.5-127				
o-Xylene	9.85		"	10.0		98.5	75.9-122				
p- & m- Xylenes	20.0		"	20.0		99.9	77.7-127				
p-Isopropyltoluene	10.1		"	10.0		101	75.6-129				
sec-Butylbenzene	10.5		"	10.0		105	71.5-125				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20490 - EPA 5030B											
LCS (BK20490-BS1)							Prepared & Analyzed: 11/13/2012				
Styrene	10.2		ug/L	10.0		102	77.8-123				
tert-Butylbenzene	10.2		"	10.0		102	75.9-151				
Tetrachloroethylene	9.46		"	10.0		94.6	63.6-167				
Toluene	9.74		"	10.0		97.4	77-123				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	76.3-139				
trans-1,3-Dichloropropylene	10.0		"	10.0		100	72.5-137				
Trichloroethylene	10.1		"	10.0		101	77.9-130				
Trichlorofluoromethane	11.1		"	10.0		111	57.4-133				
Vinyl Chloride	11.6		"	10.0		116	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*11.7*		*"*	*10.0*		*117*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.53*		*"*	*10.0*		*95.3*	*63.5-145*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81.2-127*				
LCS Dup (BK20490-BSD1)							Prepared & Analyzed: 11/13/2012				
1,1,1,2-Tetrachloroethane	9.84		ug/L	10.0		98.4	82.3-130		1.11	21.1	
1,1,1-Trichloroethane	10.5		"	10.0		105	75.6-137		4.81	19.7	
1,1,2,2-Tetrachloroethane	9.98		"	10.0		99.8	71.3-131		2.43	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	71.1-129		9.53	21.7	
1,1,2-Trichloroethane	10.0		"	10.0		100	74.5-129		0.501	20.3	
1,1-Dichloroethane	10.7		"	10.0		107	79.6-132		3.22	20.6	
1,1-Dichloroethylene	10.6		"	10.0		106	80.2-146		8.59	20	
1,1-Dichloropropylene	9.61		"	10.0		96.1	75-136		7.41	19.3	
1,2,3-Trichlorobenzene	9.05		"	10.0		90.5	66.1-136		2.62	21.6	
1,2,3-Trichloropropane	9.57		"	10.0		95.7	63-131		0.945	23.9	
1,2,4-Trichlorobenzene	8.95		"	10.0		89.5	70.6-136		0.112	21.7	
1,2,4-Trimethylbenzene	9.57		"	10.0		95.7	75.3-135		2.54	18.8	
1,2-Dibromo-3-chloropropane	9.30		"	10.0		93.0	58.9-140		1.95	27.7	
1,2-Dibromoethane	9.92		"	10.0		99.2	79-130		0.607	23	
1,2-Dichlorobenzene	9.74		"	10.0		97.4	76.1-122		0.206	19.8	
1,2-Dichloroethane	10.6		"	10.0		106	74.6-132		12.8	20.2	
1,2-Dichloropropane	10.3		"	10.0		103	76.9-129		1.54	20.7	
1,3,5-Trimethylbenzene	9.87		"	10.0		98.7	70.6-127		1.61	18.9	
1,3-Dichlorobenzene	9.65		"	10.0		96.5	77-124		0.723	19.2	
1,3-Dichloropropane	10.1		"	10.0		101	75.8-126		0.497	22.1	
1,4-Dichlorobenzene	9.41		"	10.0		94.1	76.6-125		2.10	18.6	
2,2-Dichloropropane	8.52		"	10.0		85.2	69-133		7.57	19.8	
2-Chlorotoluene	9.58		"	10.0		95.8	66.3-119		1.76	21.6	
2-Hexanone	9.48		"	10.0		94.8	70-130		2.46	30	
4-Chlorotoluene	9.89		"	10.0		98.9	69.2-127		0.202	19	
Acetone	6.96		"	10.0		69.6	70-130	Low Bias	1.85	30	
Benzene	10.4		"	10.0		104	76.2-129		2.37	19	
Bromobenzene	10.2		"	10.0		102	71.3-123		2.48	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		0.395	23.9	
Bromodichloromethane	10.3		"	10.0		103	79.7-134		1.74	21	
Bromoform	9.54		"	10.0		95.4	70.5-141		1.80	21.8	
Bromomethane	12.2		"	10.0		122	43.9-147		2.19	28.4	
Carbon tetrachloride	10.2		"	10.0		102	78.1-138		9.57	20.1	
Chlorobenzene	9.99		"	10.0		99.9	80.4-125		3.73	19.9	
Chloroethane	10.5		"	10.0		105	55.8-140		4.65	23.3	
Chloroform	10.6		"	10.0		106	76.6-133		0.567	20.3	
Chloromethane	11.1		"	10.0		111	48.8-115		3.61	24.5	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	75.1-128		3.46	20.5	
cis-1,3-Dichloropropylene	9.44		"	10.0		94.4	74.5-128		0.00	19.9	
Dibromochloromethane	10.5		"	10.0		105	79.8-134		1.73	21.3	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20490 - EPA 5030B											
LCS Dup (BK20490-BSD1)								Prepared & Analyzed: 11/13/2012			
Dibromomethane	10.1		ug/L	10.0		101	79-130		0.691	22.4	
Dichlorodifluoromethane	10.8		"	10.0		108	47.1-101	High Bias	11.8	23.9	
Ethyl Benzene	9.98		"	10.0		99.8	80.8-128		3.83	19.2	
Hexachlorobutadiene	8.65		"	10.0		86.5	64.8-128		7.56	20.6	
Isopropylbenzene	9.97		"	10.0		99.7	75.5-135		1.99	20	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	65.1-140		1.19	23.6	
Methylene chloride	9.54		"	10.0		95.4	61.3-120		0.210	20.4	
Naphthalene	9.44		"	10.0		94.4	62.3-148		0.638	27.1	
n-Butylbenzene	9.26		"	10.0		92.6	67.2-123		3.81	19.1	
n-Propylbenzene	9.88		"	10.0		98.8	70.5-127		2.20	23.4	
o-Xylene	9.61		"	10.0		96.1	75.9-122		2.47	19.3	
p- & m- Xylenes	19.6		"	20.0		98.2	77.7-127		1.72	18.6	
p-Isopropyltoluene	9.76		"	10.0		97.6	75.6-129		3.13	19.1	
sec-Butylbenzene	9.93		"	10.0		99.3	71.5-125		5.58	18.9	
Styrene	10.4		"	10.0		104	77.8-123		1.55	20.9	
tert-Butylbenzene	9.91		"	10.0		99.1	75.9-151		2.39	20.9	
Tetrachloroethylene	9.13		"	10.0		91.3	63.6-167		3.55	27.7	
Toluene	9.64		"	10.0		96.4	77-123		1.03	18.7	
trans-1,2-Dichloroethylene	10.6		"	10.0		106	76.3-139		2.60	19.5	
trans-1,3-Dichloropropylene	10.0		"	10.0		100	72.5-137		0.0999	19.3	
Trichloroethylene	9.81		"	10.0		98.1	77.9-130		3.11	20.5	
Trichlorofluoromethane	9.96		"	10.0		99.6	57.4-133		10.5	21.4	
Vinyl Chloride	10.8		"	10.0		108	54.9-124		7.33	22.3	
Surrogate: 1,2-Dichloroethane-d4	*13.5*		*"*	*10.0*		*135*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.92*		*"*	*10.0*		*99.2*	*63.5-145*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20394 - EPA 3010A											
Blank (BK20394-BLK1)								Prepared & Analyzed: 11/12/2012			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BK20394-DUP1)	*Source sample: 12K0083-01 (WQ103112:1630NP2-10)							Prepared & Analyzed: 11/12/2012			
Iron - Dissolved	0.0162	0.0200	mg/L		ND					20	
Matrix Spike (BK20394-MS1)	*Source sample: 12K0083-01 (WQ103112:1630NP2-10)							Prepared & Analyzed: 11/12/2012			
Iron - Dissolved	1.03	0.0200	mg/L	1.00	ND	103	75-125				
Reference (BK20394-SRM1)								Prepared & Analyzed: 11/12/2012			
Iron - Dissolved	0.244	0.0200	mg/L	0.274		89.0	86.9-115				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20309 - EPA 3010A											
Blank (BK20309-BLK1)								Prepared & Analyzed: 11/08/2012			
Iron	ND	0.0200	mg/L								
Reference (BK20309-SRM1)								Prepared & Analyzed: 11/08/2012			
Iron	0.226	0.0200	mg/L	0.274		82.5	86.9-115	Low Bias			
Batch BK20394 - EPA 3010A											
Blank (BK20394-BLK1)								Prepared & Analyzed: 11/12/2012			
Iron	ND	0.0200	mg/L								
Duplicate (BK20394-DUP1)	*Source sample: 12K0083-01 (WQ103112:1630NP2-10)							Prepared & Analyzed: 11/12/2012			
Iron	18.9	0.0200	mg/L		19.0				0.669	20	
Matrix Spike (BK20394-MS1)	*Source sample: 12K0083-01 (WQ103112:1630NP2-10)							Prepared & Analyzed: 11/12/2012			
Iron	19.9	0.0200	mg/L	1.00	19.0	91.5	75-125				
Reference (BK20394-SRM1)								Prepared & Analyzed: 11/12/2012			
Iron	0.244	0.0200	mg/L	0.274		89.0	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20249 - % Solids Prep											
Blank (BK20249-BLK1)											Prepared: 11/07/2012 Analyzed: 11/08/2012
Total Dissolved Solids	ND	1.00	mg/L								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
12K0082-01	WQ103112:1620NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0082-02	WQ103112:1625NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0083-01	WQ103112:1630NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

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

York Project No. 12K0082

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 NP2-100nly, 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 Pesticide Parms	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Part Lists	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)
WQ103112:1620NP2-6	10/31/12 1620	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus from 113	2v 2P
WQ103112:1625NP2-7	〃 1625	GW	〃	2v 2P
WQ103112:1630NP2-10	〃 1630	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)	2v 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 ☐

Darrell Rowe 11/5/12 1:24 — Samples Relinquished By — Date/Time
Samples Relinquished By — Date/Time
Samples Received By — 11-5-12 13:30 — Date/Time
FedEx Grace 11-5-12 1540 — Samples Received in LAB by — Date/Time

Temperature on Receipt 3.5 °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. 12K0083

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 NP2-100nly, pdf.
- NJDEP Red. Deliv. ___

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

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

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

Samples Collected/Authorized By (Signature)

Stephen Hnat
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded 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		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ103112:1620NP2-6	10/31/12 1620	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	2v 2P
WQ103112:1625NP2-7	" 1625	GW	↓	2v 2P
WQ103112:1630NP2-10	" 1630	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TOS (SM 2540c)	2v 3P

Comments

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

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Darrell Rowe 11/5/12 1:24 — Samples Relinquished By — Date/Time
___ — Samples Relinquished By — Date/Time
Chris 11-5-12 13:30 — Samples Received By — Date/Time
PGrace 11-5-12 1540 — Samples Received in LAB by — Date/Time

Temperature on Receipt 3.5 °C

APPENDIX II
OCTOBER 2012 LABORATORY ANALYTICAL REPORTS
FOR FSP&T AND FP&T RECOVERY WELLS

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 11/16/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0086

Report Date: 11/16/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0086

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde 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 November 05, 2012 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
12K0086-01	WQ103112:1115FRW1	Water	10/31/2012	11/05/2012
12K0086-02	WQ103112:1148FRW2	Water	10/31/2012	11/05/2012
12K0086-03	WQ103112:1236FRW3	Water	10/31/2012	11/05/2012
12K0086-04	WQ103112:1323FRW4	Water	10/31/2012	11/05/2012

General Notes for York Project (SDG) No.: 12K0086

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:** 11/16/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ103112:1115FRW1 **York Sample ID:** 12K0086-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0086	Rowe Industries	Water	October 31, 2012 11:15 am	11/05/2012

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	0.71	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
71-55-6	1,1,1-Trichloroethane	**3.5**	J	ug/L	0.24	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.7	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.74	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.70	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
75-34-3	1,1-Dichloroethane	**1.9**	J	ug/L	0.44	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.44	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	1.1	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.2	20	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.7	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.1	20	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.68	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	4.6	20	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	1.5	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.71	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	1.2	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.51	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.59	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.48	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	1.2	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.48	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.84	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
591-78-6	2-Hexanone	ND		ug/L	2.4	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.72	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
67-64-1	Acetone	ND		ug/L	9.0	20	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
71-43-2	Benzene	ND		ug/L	0.44	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
108-86-1	Bromobenzene	ND		ug/L	0.81	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
74-97-5	Bromochloromethane	ND		ug/L	1.0	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.54	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
75-25-2	Bromoform	ND		ug/L	0.79	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.85	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS

Sample Information

Client Sample ID: WQ103112:1115FRW1 **York Sample ID:** 12K0086-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0086	Rowe Industries	Water	October 31, 2012 11:15 am	11/05/2012

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	0.63	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
75-00-3	Chloroethane	ND		ug/L	0.90	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
67-66-3	Chloroform	ND		ug/L	0.79	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
74-87-3	Chloromethane	ND		ug/L	0.76	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
156-59-2	cis-1,2-Dichloroethylene	**190**		ug/L	0.69	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.53	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
74-95-3	Dibromomethane	ND		ug/L	1.2	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.92	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.57	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	1.2	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.56	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	4.8	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
75-09-2	Methylene chloride	ND		ug/L	2.6	20	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
91-20-3	Naphthalene	**2.0**	J	ug/L	0.90	20	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.83	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.68	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.90	10	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.44	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.50	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.50	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
127-18-4	Tetrachloroethylene	**23**		ug/L	0.70	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
108-88-3	Toluene	**1.7**	J	ug/L	0.42	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.85	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.60	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
79-01-6	Trichloroethylene	**10**		ug/L	0.71	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.94	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
75-01-4	Vinyl Chloride	**8.0**		ug/L	0.62	5.0	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.2	15	10	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 15:48	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*86.9 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.4 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81.2-127*

Sample Information

Client Sample ID: **WQ103112:1115FRW1** **York Sample ID:** **12K0086-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0086	Rowe Industries	Water	October 31, 2012 11:15 am	11/05/2012

Sample Information

Client Sample ID: **WQ103112:1148FRW2** **York Sample ID:** **12K0086-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0086	Rowe Industries	Water	October 31, 2012 11:48 am	11/05/2012

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	0.36	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.12	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.85	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.37	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.35	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.22	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.22	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.54	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.62	10	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.86	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.54	10	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.34	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.3	10	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.76	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.36	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.59	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.25	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.29	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.24	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.58	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.24	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.48	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.42	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
591-78-6	2-Hexanone	ND		ug/L	1.2	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.36	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
67-64-1	Acetone	ND		ug/L	4.5	10	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
71-43-2	Benzene	ND		ug/L	0.22	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
108-86-1	Bromobenzene	ND		ug/L	0.40	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS

Sample Information

Client Sample ID: WQ103112:1148FRW2 **York Sample ID:** 12K0086-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0086	Rowe Industries	Water	October 31, 2012 11:48 am	11/05/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.52	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.27	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
75-25-2	Bromoform	ND		ug/L	0.39	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
74-83-9	Bromomethane	ND		ug/L	0.98	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.42	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
108-90-7	Chlorobenzene	ND		ug/L	0.31	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
75-00-3	Chloroethane	ND		ug/L	0.45	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
67-66-3	Chloroform	ND		ug/L	0.39	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
74-87-3	Chloromethane	ND		ug/L	0.38	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
156-59-2	cis-1,2-Dichloroethylene	**25**		ug/L	0.34	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.34	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.26	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
74-95-3	Dibromomethane	ND		ug/L	0.61	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.46	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.28	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.61	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.28	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.4	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
75-09-2	Methylene chloride	ND		ug/L	1.3	10	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
91-20-3	Naphthalene	ND		ug/L	0.45	10	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.41	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.34	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
95-47-6	o-Xylene	ND		ug/L	0.25	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.45	5.0	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.22	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.25	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
100-42-5	Styrene	ND		ug/L	0.22	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.25	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
127-18-4	Tetrachloroethylene	**65**		ug/L	0.35	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
108-88-3	Toluene	**1.5**	J	ug/L	0.21	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.42	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.30	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
79-01-6	Trichloroethylene	**11**		ug/L	0.36	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.47	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS

Sample Information

Client Sample ID: WQ103112:1148FRW2 **York Sample ID:** 12K0086-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0086	Rowe Industries	Water	October 31, 2012 11:48 am	11/05/2012

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	0.31	2.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.58	7.5	5	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:22	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*89.7 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.1 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: WQ103112:1236FRW3 **York Sample ID:** 12K0086-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0086	Rowe Industries	Water	October 31, 2012 12:36 pm	11/05/2012

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	0.14	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
71-55-6	1,1,1-Trichloroethane	**0.36**	J	ug/L	0.048	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.34	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.15	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.14	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
75-34-3	1,1-Dichloroethane	**0.22**	J	ug/L	0.088	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.088	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.21	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.25	4.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.34	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.22	4.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.14	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.92	4.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.30	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.14	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.24	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.10	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.12	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.095	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.23	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS

Sample Information

Client Sample ID: WQ103112:1236FRW3 **York Sample ID:** 12K0086-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0086	Rowe Industries	Water	October 31, 2012 12:36 pm	11/05/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.095	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.19	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.17	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
591-78-6	2-Hexanone	ND		ug/L	0.48	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.14	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
67-64-1	Acetone	ND		ug/L	1.8	4.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
71-43-2	Benzene	**0.44**	J	ug/L	0.088	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
108-86-1	Bromobenzene	ND		ug/L	0.16	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
74-97-5	Bromochloromethane	ND		ug/L	0.21	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.11	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
75-25-2	Bromoform	ND		ug/L	0.16	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
74-83-9	Bromomethane	ND		ug/L	0.39	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.17	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
108-90-7	Chlorobenzene	ND		ug/L	0.13	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
75-00-3	Chloroethane	ND		ug/L	0.18	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
67-66-3	Chloroform	ND		ug/L	0.16	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
74-87-3	Chloromethane	ND		ug/L	0.15	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
156-59-2	cis-1,2-Dichloroethylene	**37**		ug/L	0.14	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.13	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.11	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
74-95-3	Dibromomethane	ND		ug/L	0.24	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.18	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.11	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.24	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
98-82-8	Isopropylbenzene	**0.68**	J	ug/L	0.11	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.97	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
75-09-2	Methylene chloride	ND		ug/L	0.53	4.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
91-20-3	Naphthalene	ND		ug/L	0.18	4.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.17	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
103-65-1	n-Propylbenzene	**0.30**	J	ug/L	0.14	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
95-47-6	o-Xylene	ND		ug/L	0.099	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.18	2.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.089	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.10	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS

Sample Information

Client Sample ID: WQ103112:1236FRW3 **York Sample ID:** 12K0086-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0086	Rowe Industries	Water	October 31, 2012 12:36 pm	11/05/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.087	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.099	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
127-18-4	Tetrachloroethylene	**25**		ug/L	0.14	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
108-88-3	Toluene	**0.22**	J	ug/L	0.085	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.17	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.12	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
79-01-6	Trichloroethylene	**8.8**		ug/L	0.14	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.19	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
75-01-4	Vinyl Chloride	**1.5**		ug/L	0.12	1.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.23	3.0	2	EPA SW846-8260B	11/09/2012 09:28	11/09/2012 16:55	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*88.6 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.8 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: WQ103112:1323FRW4 **York Sample ID:** 12K0086-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0086	Rowe Industries	Water	October 31, 2012 1:23 pm	11/05/2012

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	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS

Sample Information

Client Sample ID: WQ103112:1323FRW4 **York Sample ID:** 12K0086-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0086	Rowe Industries	Water	October 31, 2012 1:23 pm	11/05/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
67-64-1	Acetone	**2.8**		ug/L	0.90	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
156-59-2	cis-1,2-Dichloroethylene	**14**		ug/L	0.069	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS

Sample Information

Client Sample ID: WQ103112:1323FRW4 **York Sample ID:** 12K0086-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0086	Rowe Industries	Water	October 31, 2012 1:23 pm	11/05/2012

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	0.26	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
127-18-4	Tetrachloroethylene	**2.3**		ug/L	0.070	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 23:08	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*109 %*	*81.2-127*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BK20324 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
12K0086-04	WQ103112:1323FRW4	11/08/12
BK20324-BLK1	Blank	11/08/12
BK20324-BS1	LCS	11/08/12
BK20324-BSD1	LCS Dup	11/08/12

Batch ID: BK20340 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
12K0086-01	WQ103112:1115FRW1	11/09/12
12K0086-02	WQ103112:1148FRW2	11/09/12
12K0086-03	WQ103112:1236FRW3	11/09/12
BK20340-BLK1	Blank	11/09/12
BK20340-BS1	LCS	11/09/12
BK20340-BSD1	LCS Dup	11/09/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20324 - EPA 5030B											
Blank (BK20324-BLK1)											
Prepared & Analyzed: 11/08/2012											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	0.91	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	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20324 - EPA 5030B											
Blank (BK20324-BLK1)								Prepared & Analyzed: 11/08/2012			
Styrene	ND	0.50	ug/L								
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	*9.54*		*"*	*10.0*		*95.4*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*63.5-145*				
Surrogate: Toluene-d8	*9.66*		*"*	*10.0*		*96.6*	*81.2-127*				
LCS (BK20324-BS1)								Prepared & Analyzed: 11/08/2012			
1,1,1,2-Tetrachloroethane	9.88		ug/L	10.0		98.8	82.3-130				
1,1,1-Trichloroethane	10.5		"	10.0		105	75.6-137				
1,1,2,2-Tetrachloroethane	9.60		"	10.0		96.0	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	71.1-129				
1,1,2-Trichloroethane	9.31		"	10.0		93.1	74.5-129				
1,1-Dichloroethane	10.3		"	10.0		103	79.6-132				
1,1-Dichloroethylene	9.36		"	10.0		93.6	80.2-146				
1,1-Dichloropropylene	9.59		"	10.0		95.9	75-136				
1,2,3-Trichlorobenzene	9.82		"	10.0		98.2	66.1-136				
1,2,3-Trichloropropane	9.66		"	10.0		96.6	63-131				
1,2,4-Trichlorobenzene	9.78		"	10.0		97.8	70.6-136				
1,2,4-Trimethylbenzene	9.90		"	10.0		99.0	75.3-135				
1,2-Dibromo-3-chloropropane	7.80		"	10.0		78.0	58.9-140				
1,2-Dibromoethane	9.68		"	10.0		96.8	79-130				
1,2-Dichlorobenzene	9.33		"	10.0		93.3	76.1-122				
1,2-Dichloroethane	9.34		"	10.0		93.4	74.6-132				
1,2-Dichloropropane	9.07		"	10.0		90.7	76.9-129				
1,3,5-Trimethylbenzene	9.81		"	10.0		98.1	70.6-127				
1,3-Dichlorobenzene	9.47		"	10.0		94.7	77-124				
1,3-Dichloropropane	8.95		"	10.0		89.5	75.8-126				
1,4-Dichlorobenzene	9.84		"	10.0		98.4	76.6-125				
2,2-Dichloropropane	7.99		"	10.0		79.9	69-133				
2-Chlorotoluene	9.12		"	10.0		91.2	66.3-119				
2-Hexanone	6.27		"	10.0		62.7	70-130	Low Bias			
4-Chlorotoluene	9.40		"	10.0		94.0	69.2-127				
Acetone	11.8		"	10.0		118	70-130				
Benzene	10.2		"	10.0		102	76.2-129				
Bromobenzene	9.65		"	10.0		96.5	71.3-123				
Bromochloromethane	8.71		"	10.0		87.1	70.8-137				
Bromodichloromethane	9.28		"	10.0		92.8	79.7-134				
Bromoform	10.3		"	10.0		103	70.5-141				
Bromomethane	8.86		"	10.0		88.6	43.9-147				
Carbon tetrachloride	10.8		"	10.0		108	78.1-138				
Chlorobenzene	9.63		"	10.0		96.3	80.4-125				
Chloroethane	8.55		"	10.0		85.5	55.8-140				
Chloroform	10.2		"	10.0		102	76.6-133				
Chloromethane	7.95		"	10.0		79.5	48.8-115				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128				
cis-1,3-Dichloropropylene	8.17		"	10.0		81.7	74.5-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20324 - EPA 5030B											
LCS (BK20324-BS1)							Prepared & Analyzed: 11/08/2012				
Dibromochloromethane	10.2		ug/L	10.0		102	79.8-134				
Dibromomethane	8.51		"	10.0		85.1	79-130				
Dichlorodifluoromethane	8.69		"	10.0		86.9	47.1-101				
Ethyl Benzene	9.49		"	10.0		94.9	80.8-128				
Hexachlorobutadiene	10.4		"	10.0		104	64.8-128				
Isopropylbenzene	9.84		"	10.0		98.4	75.5-135				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	65.1-140				
Methylene chloride	7.52		"	10.0		75.2	61.3-120				
Naphthalene	10.1		"	10.0		101	62.3-148				
n-Butylbenzene	8.26		"	10.0		82.6	67.2-123				
n-Propylbenzene	9.35		"	10.0		93.5	70.5-127				
o-Xylene	9.43		"	10.0		94.3	75.9-122				
p- & m- Xylenes	18.0		"	20.0		90.2	77.7-127				
p-Isopropyltoluene	9.76		"	10.0		97.6	75.6-129				
sec-Butylbenzene	9.44		"	10.0		94.4	71.5-125				
Styrene	10.3		"	10.0		103	77.8-123				
tert-Butylbenzene	9.61		"	10.0		96.1	75.9-151				
Tetrachloroethylene	9.71		"	10.0		97.1	63.6-167				
Toluene	9.07		"	10.0		90.7	77-123				
trans-1,2-Dichloroethylene	9.54		"	10.0		95.4	76.3-139				
trans-1,3-Dichloropropylene	9.01		"	10.0		90.1	72.5-137				
Trichloroethylene	9.76		"	10.0		97.6	77.9-130				
Trichlorofluoromethane	9.81		"	10.0		98.1	57.4-133				
Vinyl Chloride	8.59		"	10.0		85.9	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.43*		*"*	*10.0*		*94.3*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*63.5-145*				
Surrogate: Toluene-d8	*9.83*		*"*	*10.0*		*98.3*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20324 - EPA 5030B											
LCS Dup (BK20324-BSD1)							Prepared & Analyzed: 11/08/2012				
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0		107	82.3-130		7.78	21.1	
1,1,1-Trichloroethane	11.2		"	10.0		112	75.6-137		7.09	19.7	
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	71.3-131		7.71	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	71.1-129		11.8	21.7	
1,1,2-Trichloroethane	9.96		"	10.0		99.6	74.5-129		6.75	20.3	
1,1-Dichloroethane	10.9		"	10.0		109	79.6-132		5.93	20.6	
1,1-Dichloroethylene	10.0		"	10.0		100	80.2-146		6.91	20	
1,1-Dichloropropylene	10.1		"	10.0		101	75-136		5.18	19.3	
1,2,3-Trichlorobenzene	10.6		"	10.0		106	66.1-136		7.36	21.6	
1,2,3-Trichloropropane	9.10		"	10.0		91.0	63-131		5.97	23.9	
1,2,4-Trichlorobenzene	10.3		"	10.0		103	70.6-136		5.47	21.7	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	75.3-135		5.41	18.8	
1,2-Dibromo-3-chloropropane	12.1		"	10.0		121	58.9-140		42.9	27.7	Non-dir.
1,2-Dibromoethane	9.74		"	10.0		97.4	79-130		0.618	23	
1,2-Dichlorobenzene	10.5		"	10.0		105	76.1-122		11.7	19.8	
1,2-Dichloroethane	9.95		"	10.0		99.5	74.6-132		6.32	20.2	
1,2-Dichloropropane	9.39		"	10.0		93.9	76.9-129		3.47	20.7	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	70.6-127		5.93	18.9	
1,3-Dichlorobenzene	10.4		"	10.0		104	77-124		9.74	19.2	
1,3-Dichloropropane	9.05		"	10.0		90.5	75.8-126		1.11	22.1	
1,4-Dichlorobenzene	10.0		"	10.0		100	76.6-125		1.81	18.6	
2,2-Dichloropropane	8.83		"	10.0		88.3	69-133		9.99	19.8	
2-Chlorotoluene	9.26		"	10.0		92.6	66.3-119		1.52	21.6	
2-Hexanone	6.84		"	10.0		68.4	70-130	Low Bias	8.70	30	
4-Chlorotoluene	10.1		"	10.0		101	69.2-127		6.98	19	
Acetone	9.31		"	10.0		93.1	70-130		23.2	30	
Benzene	11.0		"	10.0		110	76.2-129		7.92	19	
Bromobenzene	10.3		"	10.0		103	71.3-123		6.52	20.3	
Bromochloromethane	9.18		"	10.0		91.8	70.8-137		5.25	23.9	
Bromodichloromethane	9.36		"	10.0		93.6	79.7-134		0.858	21	
Bromoform	10.1		"	10.0		101	70.5-141		1.97	21.8	
Bromomethane	9.88		"	10.0		98.8	43.9-147		10.9	28.4	
Carbon tetrachloride	11.5		"	10.0		115	78.1-138		6.16	20.1	
Chlorobenzene	10.3		"	10.0		103	80.4-125		6.43	19.9	
Chloroethane	9.92		"	10.0		99.2	55.8-140		14.8	23.3	
Chloroform	11.0		"	10.0		110	76.6-133		6.97	20.3	
Chloromethane	8.83		"	10.0		88.3	48.8-115		10.5	24.5	
cis-1,2-Dichloroethylene	11.5		"	10.0		115	75.1-128		10.9	20.5	
cis-1,3-Dichloropropylene	8.51		"	10.0		85.1	74.5-128		4.08	19.9	
Dibromochloromethane	10.3		"	10.0		103	79.8-134		1.27	21.3	
Dibromomethane	9.28		"	10.0		92.8	79-130		8.66	22.4	
Dichlorodifluoromethane	9.66		"	10.0		96.6	47.1-101		10.6	23.9	
Ethyl Benzene	9.98		"	10.0		99.8	80.8-128		5.03	19.2	
Hexachlorobutadiene	10.6		"	10.0		106	64.8-128		2.29	20.6	
Isopropylbenzene	10.4		"	10.0		104	75.5-135		5.73	20	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	65.1-140		7.41	23.6	
Methylene chloride	8.41		"	10.0		84.1	61.3-120		11.2	20.4	
Naphthalene	11.1		"	10.0		111	62.3-148		8.87	27.1	
n-Butylbenzene	8.82		"	10.0		88.2	67.2-123		6.56	19.1	
n-Propylbenzene	10.1		"	10.0		101	70.5-127		7.71	23.4	
o-Xylene	9.81		"	10.0		98.1	75.9-122		3.95	19.3	
p- & m- Xylenes	18.8		"	20.0		94.1	77.7-127		4.29	18.6	
p-Isopropyltoluene	10.3		"	10.0		103	75.6-129		5.77	19.1	
sec-Butylbenzene	10.2		"	10.0		102	71.5-125		7.93	18.9	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20324 - EPA 5030B											
LCS Dup (BK20324-BSD1)							Prepared & Analyzed: 11/08/2012				
Styrene	10.9		ug/L	10.0		109	77.8-123		5.37	20.9	
tert-Butylbenzene	10.3		"	10.0		103	75.9-151		6.64	20.9	
Tetrachloroethylene	9.88		"	10.0		98.8	63.6-167		1.74	27.7	
Toluene	9.69		"	10.0		96.9	77-123		6.61	18.7	
trans-1,2-Dichloroethylene	9.50		"	10.0		95.0	76.3-139		0.420	19.5	
trans-1,3-Dichloropropylene	9.10		"	10.0		91.0	72.5-137		0.994	19.3	
Trichloroethylene	10.1		"	10.0		101	77.9-130		3.13	20.5	
Trichlorofluoromethane	11.4		"	10.0		114	57.4-133		15.3	21.4	
Vinyl Chloride	9.39		"	10.0		93.9	54.9-124		8.90	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.62*		*"*	*10.0*		*96.2*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*63.5-145*				
Surrogate: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*81.2-127*				
Batch BK20340 - EPA 5030B											
Blank (BK20340-BLK1)							Prepared & Analyzed: 11/09/2012				
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20340 - EPA 5030B											
Blank (BK20340-BLK1)											
Prepared & Analyzed: 11/09/2012											
cis-1,3-Dichloropropylene	ND	0.50	ug/L								
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	*9.05*		*"*	*10.0*		*90.5*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.62*		*"*	*10.0*		*96.2*	*63.5-145*				
Surrogate: Toluene-d8	*9.74*		*"*	*10.0*		*97.4*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20340 - EPA 5030B											
LCS (BK20340-BS1)								Prepared & Analyzed: 11/09/2012			
1,1,1,2-Tetrachloroethane	9.78		ug/L	10.0		97.8	82.3-130				
1,1,1-Trichloroethane	9.90		"	10.0		99.0	75.6-137				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	71.1-129				
1,1,2-Trichloroethane	9.95		"	10.0		99.5	74.5-129				
1,1-Dichloroethane	10.0		"	10.0		100	79.6-132				
1,1-Dichloroethylene	9.26		"	10.0		92.6	80.2-146				
1,1-Dichloropropylene	9.32		"	10.0		93.2	75-136				
1,2,3-Trichlorobenzene	9.17		"	10.0		91.7	66.1-136				
1,2,3-Trichloropropane	9.52		"	10.0		95.2	63-131				
1,2,4-Trichlorobenzene	8.83		"	10.0		88.3	70.6-136				
1,2,4-Trimethylbenzene	9.95		"	10.0		99.5	75.3-135				
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	58.9-140				
1,2-Dibromoethane	9.83		"	10.0		98.3	79-130				
1,2-Dichlorobenzene	9.50		"	10.0		95.0	76.1-122				
1,2-Dichloroethane	9.83		"	10.0		98.3	74.6-132				
1,2-Dichloropropane	10.2		"	10.0		102	76.9-129				
1,3,5-Trimethylbenzene	10.0		"	10.0		100	70.6-127				
1,3-Dichlorobenzene	9.46		"	10.0		94.6	77-124				
1,3-Dichloropropane	9.90		"	10.0		99.0	75.8-126				
1,4-Dichlorobenzene	9.37		"	10.0		93.7	76.6-125				
2,2-Dichloropropane	9.94		"	10.0		99.4	69-133				
2-Chlorotoluene	10.0		"	10.0		100	66.3-119				
2-Hexanone	9.58		"	10.0		95.8	70-130				
4-Chlorotoluene	9.90		"	10.0		99.0	69.2-127				
Acetone	5.96		"	10.0		59.6	70-130	Low Bias			
Benzene	9.74		"	10.0		97.4	76.2-129				
Bromobenzene	10.1		"	10.0		101	71.3-123				
Bromochloromethane	9.00		"	10.0		90.0	70.8-137				
Bromodichloromethane	10.4		"	10.0		104	79.7-134				
Bromoform	9.90		"	10.0		99.0	70.5-141				
Bromomethane	9.72		"	10.0		97.2	43.9-147				
Carbon tetrachloride	9.95		"	10.0		99.5	78.1-138				
Chlorobenzene	9.93		"	10.0		99.3	80.4-125				
Chloroethane	9.72		"	10.0		97.2	55.8-140				
Chloroform	9.65		"	10.0		96.5	76.6-133				
Chloromethane	10.5		"	10.0		105	48.8-115				
cis-1,2-Dichloroethylene	9.43		"	10.0		94.3	75.1-128				
cis-1,3-Dichloropropylene	9.61		"	10.0		96.1	74.5-128				
Dibromochloromethane	10.5		"	10.0		105	79.8-134				
Dibromomethane	9.86		"	10.0		98.6	79-130				
Dichlorodifluoromethane	8.89		"	10.0		88.9	47.1-101				
Ethyl Benzene	9.97		"	10.0		99.7	80.8-128				
Hexachlorobutadiene	8.56		"	10.0		85.6	64.8-128				
Isopropylbenzene	9.89		"	10.0		98.9	75.5-135				
Methyl tert-butyl ether (MTBE)	8.95		"	10.0		89.5	65.1-140				
Methylene chloride	9.18		"	10.0		91.8	61.3-120				
Naphthalene	10.0		"	10.0		100	62.3-148				
n-Butylbenzene	9.29		"	10.0		92.9	67.2-123				
n-Propylbenzene	10.2		"	10.0		102	70.5-127				
o-Xylene	9.48		"	10.0		94.8	75.9-122				
p- & m- Xylenes	19.6		"	20.0		97.9	77.7-127				
p-Isopropyltoluene	9.82		"	10.0		98.2	75.6-129				
sec-Butylbenzene	10.0		"	10.0		100	71.5-125				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20340 - EPA 5030B											
LCS (BK20340-BS1)							Prepared & Analyzed: 11/09/2012				
Styrene	10.0		ug/L	10.0		100	77.8-123				
tert-Butylbenzene	10.0		"	10.0		100	75.9-151				
Tetrachloroethylene	9.15		"	10.0		91.5	63.6-167				
Toluene	9.87		"	10.0		98.7	77-123				
trans-1,2-Dichloroethylene	9.62		"	10.0		96.2	76.3-139				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137				
Trichloroethylene	9.93		"	10.0		99.3	77.9-130				
Trichlorofluoromethane	9.53		"	10.0		95.3	57.4-133				
Vinyl Chloride	10.2		"	10.0		102	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.44*		*"*	*10.0*		*94.4*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.73*		*"*	*10.0*		*97.3*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				
LCS Dup (BK20340-BSD1)							Prepared & Analyzed: 11/09/2012				
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82.3-130		3.61	21.1	
1,1,1-Trichloroethane	10.1		"	10.0		101	75.6-137		1.70	19.7	
1,1,2,2-Tetrachloroethane	11.3		"	10.0		113	71.3-131		10.2	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	71.1-129		3.21	21.7	
1,1,2-Trichloroethane	10.1		"	10.0		101	74.5-129		1.79	20.3	
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132		1.09	20.6	
1,1-Dichloroethylene	9.77		"	10.0		97.7	80.2-146		5.36	20	
1,1-Dichloropropylene	9.60		"	10.0		96.0	75-136		2.96	19.3	
1,2,3-Trichlorobenzene	10.3		"	10.0		103	66.1-136		12.0	21.6	
1,2,3-Trichloropropane	10.7		"	10.0		107	63-131		11.3	23.9	
1,2,4-Trichlorobenzene	10.3		"	10.0		103	70.6-136		15.8	21.7	
1,2,4-Trimethylbenzene	10.7		"	10.0		107	75.3-135		7.45	18.8	
1,2-Dibromo-3-chloropropane	11.6		"	10.0		116	58.9-140		12.5	27.7	
1,2-Dibromoethane	10.1		"	10.0		101	79-130		2.71	23	
1,2-Dichlorobenzene	10.4		"	10.0		104	76.1-122		9.24	19.8	
1,2-Dichloroethane	9.89		"	10.0		98.9	74.6-132		0.609	20.2	
1,2-Dichloropropane	10.6		"	10.0		106	76.9-129		3.37	20.7	
1,3,5-Trimethylbenzene	11.1		"	10.0		111	70.6-127		9.94	18.9	
1,3-Dichlorobenzene	10.4		"	10.0		104	77-124		9.18	19.2	
1,3-Dichloropropane	10.2		"	10.0		102	75.8-126		2.69	22.1	
1,4-Dichlorobenzene	10.2		"	10.0		102	76.6-125		8.78	18.6	
2,2-Dichloropropane	10.3		"	10.0		103	69-133		3.75	19.8	
2-Chlorotoluene	10.8		"	10.0		108	66.3-119		7.59	21.6	
2-Hexanone	9.86		"	10.0		98.6	70-130		2.88	30	
4-Chlorotoluene	11.2		"	10.0		112	69.2-127		12.0	19	
Acetone	5.98		"	10.0		59.8	70-130	Low Bias	0.335	30	
Benzene	10.1		"	10.0		101	76.2-129		3.33	19	
Bromobenzene	11.2		"	10.0		112	71.3-123		10.2	20.3	
Bromochloromethane	9.55		"	10.0		95.5	70.8-137		5.93	23.9	
Bromodichloromethane	10.7		"	10.0		107	79.7-134		3.14	21	
Bromoform	10.7		"	10.0		107	70.5-141		8.05	21.8	
Bromomethane	13.9		"	10.0		139	43.9-147		35.3	28.4	Non-dir.
Carbon tetrachloride	10.2		"	10.0		102	78.1-138		2.29	20.1	
Chlorobenzene	10.4		"	10.0		104	80.4-125		4.33	19.9	
Chloroethane	10.2		"	10.0		102	55.8-140		4.33	23.3	
Chloroform	9.83		"	10.0		98.3	76.6-133		1.85	20.3	
Chloromethane	10.7		"	10.0		107	48.8-115		2.45	24.5	
cis-1,2-Dichloroethylene	9.54		"	10.0		95.4	75.1-128		1.16	20.5	
cis-1,3-Dichloropropylene	9.91		"	10.0		99.1	74.5-128		3.07	19.9	
Dibromochloromethane	10.7		"	10.0		107	79.8-134		1.99	21.3	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20340 - EPA 5030B											
LCS Dup (BK20340-BSD1)							Prepared & Analyzed: 11/09/2012				
Dibromomethane	10.2		ug/L	10.0		102	79-130		3.19	22.4	
Dichlorodifluoromethane	9.13		"	10.0		91.3	47.1-101		2.66	23.9	
Ethyl Benzene	10.5		"	10.0		105	80.8-128		5.56	19.2	
Hexachlorobutadiene	9.85		"	10.0		98.5	64.8-128		14.0	20.6	
Isopropylbenzene	11.0		"	10.0		110	75.5-135		10.4	20	
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	65.1-140		16.6	23.6	
Methylene chloride	9.45		"	10.0		94.5	61.3-120		2.90	20.4	
Naphthalene	11.2		"	10.0		112	62.3-148		11.2	27.1	
n-Butylbenzene	10.5		"	10.0		105	67.2-123		12.4	19.1	
n-Propylbenzene	11.3		"	10.0		113	70.5-127		10.4	23.4	
o-Xylene	9.96		"	10.0		99.6	75.9-122		4.94	19.3	
p- & m- Xylenes	20.6		"	20.0		103	77.7-127		5.27	18.6	
p-Isopropyltoluene	10.9		"	10.0		109	75.6-129		10.1	19.1	
sec-Butylbenzene	11.0		"	10.0		110	71.5-125		9.41	18.9	
Styrene	10.5		"	10.0		105	77.8-123		4.39	20.9	
tert-Butylbenzene	10.9		"	10.0		109	75.9-151		8.49	20.9	
Tetrachloroethylene	9.57		"	10.0		95.7	63.6-167		4.49	27.7	
Toluene	10.3		"	10.0		103	77-123		4.65	18.7	
trans-1,2-Dichloroethylene	9.80		"	10.0		98.0	76.3-139		1.85	19.5	
trans-1,3-Dichloropropylene	10.8		"	10.0		108	72.5-137		3.49	19.3	
Trichloroethylene	10.1		"	10.0		101	77.9-130		1.50	20.5	
Trichlorofluoromethane	8.72		"	10.0		87.2	57.4-133		8.88	21.4	
Vinyl Chloride	10.8		"	10.0		108	54.9-124		6.11	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.33*		*"*	*10.0*		*93.3*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.88*		*"*	*10.0*		*98.8*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
12K0086-01	WQ103112:1115FRW1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0086-02	WQ103112:1148FRW2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0086-03	WQ103112:1236FRW3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0086-04	WQ103112:1323FRW4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 12K0086

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: L.B.G. Inc.	SAME [X]	SAME [X]	Rowe Industries	RUSH-Same Day
Address: 4 Research Drive, Suite 301	Name:	Name:		RUSH-Next Day
Shelton CT, 06484	Company:	Company:	Purchase Order #	RUSH-Two Day
Phone.: 203-929-8555	Address:	Address:		RUSH-Three Day
Contact: Tunde Komuves-Sandor			NABSAG.004.07	RUSH-Four Day
E-mail: Tsandor@lbgct.com	E-mail:	E-mail	Samples from CT__NY_X_NJ__	Standard (5-7day) X

Report/Deliverable Type	
Summary Report	X, pdf
QA Report	X, pdf
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X, pdf
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	
YORK Regulatory Comp Excel compared to:	
OTHER:	

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
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
WQ103112:1115FRW1	10/3/12 1115	GW	VOCs 8260 full	Each Sample; 2-40 ml VOA HCl pres;
WQ103112:1148FRW2	1148	GW	VOCs 8260 full	
WQ103112:1236FRW3	1236	GW	VOCs 8260 full	
WQ103112:1323FRW4	1323	GW	VOCs 8260 full	
		GW	VOCs 8260 full	
		GW	VOCs 8260 full	
		GW	VOCs 8260 full	

Comments:

Preservation (check all appliciable): 4°C____ Frozen____ HCl X____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	11/5/12 1:24	[signature]	11-5-12 17:30
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		[signature]	11-5-12 1540

Temperature on Receipt: 3.5 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 11/19/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0089

Report Date: 11/19/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0089

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 November 05, 2012 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
12K0089-01	GWQ110112:820NP1-1-2	Water	11/01/2012	11/05/2012
12K0089-02	GWQ110112:1301NP1-1-3	Water	11/01/2012	11/05/2012
12K0089-03	GWQ110112:845NP1-1-4	Water	11/01/2012	11/05/2012
12K0089-04	GWQ110112:1039NP1-1-5	Water	11/01/2012	11/05/2012
12K0089-05	GWQ110112:915NP1-1-6	Water	11/01/2012	11/05/2012
12K0089-06	GWQ110112:900NP1-1-7	Water	11/01/2012	11/05/2012
12K0089-07	GWQ110112:956NP1-1-8	Water	11/01/2012	11/05/2012
12K0089-08	GWQ110112:924NP1-1-9	Water	11/01/2012	11/05/2012

General Notes for York Project (SDG) No.: 12K0089

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:** 11/19/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: GWQ110112:820NP1-1-2 **York Sample ID:** 12K0089-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 8:20 am	11/05/2012

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	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
71-55-6	1,1,1-Trichloroethane	**0.30**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS

Sample Information

Client Sample ID: GWQ110112:820NP1-1-2 **York Sample ID:** 12K0089-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 8:20 am	11/05/2012

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	0.063	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
67-66-3	Chloroform	**0.11**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
127-18-4	Tetrachloroethylene	**0.66**		ug/L	0.070	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
79-01-6	Trichloroethylene	**0.34**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 17:53	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.6 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.7 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ110112:820NP1-1-2 **York Sample ID:** 12K0089-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 8:20 am	11/05/2012

Sample Information

Client Sample ID: GWQ110112:1301NP1-1-3 **York Sample ID:** 12K0089-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 1:01 pm	11/05/2012

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	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS

Sample Information

Client Sample ID: GWQ110112:1301NP1-1-3 **York Sample ID:** 12K0089-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 1:01 pm	11/05/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS

Sample Information

Client Sample ID: GWQ110112:1301NP1-1-3 **York Sample ID:** 12K0089-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 1:01 pm	11/05/2012

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	0.062	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 18:26	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.1 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.7 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ110112:845NP1-1-4 **York Sample ID:** 12K0089-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 8:45 am	11/05/2012

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	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
71-55-6	1,1,1-Trichloroethane	**2.3**		ug/L	0.024	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
75-34-3	1,1-Dichloroethane	**1.3**		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
75-35-4	1,1-Dichloroethylene	**0.10**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS

Sample Information

Client Sample ID: GWQ110112:845NP1-1-4 **York Sample ID:** 12K0089-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 8:45 am	11/05/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
67-66-3	Chloroform	**0.23**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS

Sample Information

Client Sample ID: GWQ110112:845NP1-1-4 **York Sample ID:** 12K0089-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 8:45 am	11/05/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
127-18-4	Tetrachloroethylene	**0.75**		ug/L	0.070	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
79-01-6	Trichloroethylene	**0.11**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:00	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.5 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.8 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ110112:1039NP1-1-5 **York Sample ID:** 12K0089-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 10:39 am	11/05/2012

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	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS

Sample Information

Client Sample ID: GWQ110112:1039NP1-1-5 **York Sample ID:** 12K0089-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 10:39 am	11/05/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
67-66-3	Chloroform	**0.89**		ug/L	0.079	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS

Sample Information

Client Sample ID: GWQ110112:1039NP1-1-5 **York Sample ID:** 12K0089-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 10:39 am	11/05/2012

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	0.26	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 19:34	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.8 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ110112:915NP1-1-6 **York Sample ID:** 12K0089-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 9:15 am	11/05/2012

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	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
71-55-6	1,1,1-Trichloroethane	**1.1**		ug/L	0.024	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS

Sample Information

Client Sample ID: GWQ110112:915NP1-1-6 **York Sample ID:** 12K0089-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 9:15 am	11/05/2012

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
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
75-34-3	1,1-Dichloroethane	**0.35**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
67-66-3	Chloroform	**0.34**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS

Sample Information

Client Sample ID: GWQ110112:915NP1-1-6 **York Sample ID:** 12K0089-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 9:15 am	11/05/2012

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	0.067	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
127-18-4	Tetrachloroethylene	**2.3**		ug/L	0.070	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
79-01-6	Trichloroethylene	**0.12**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:08	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.0 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.6 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ110112:900NP1-1-7 **York Sample ID:** 12K0089-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 9:00 am	11/05/2012

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	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
71-55-6	1,1,1-Trichloroethane	**0.14**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS

Sample Information

Client Sample ID: GWQ110112:900NP1-1-7 **York Sample ID:** 12K0089-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 9:00 am	11/05/2012

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	0.090	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
67-66-3	Chloroform	**0.27**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
127-18-4	Tetrachloroethylene	**0.50**		ug/L	0.070	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 20:42	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.4 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.7 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ110112:956NP1-1-8 **York Sample ID:** 12K0089-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 9:56 am	11/05/2012

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	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS

Sample Information

Client Sample ID: GWQ110112:956NP1-1-8 **York Sample ID:** 12K0089-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 9:56 am	11/05/2012

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	0.090	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:16	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ110112:924NP1-1-9 **York Sample ID:** 12K0089-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 9:24 am	11/05/2012

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	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS

Sample Information

Client Sample ID: GWQ110112:924NP1-1-9 **York Sample ID:** 12K0089-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0089	Rowe Industries	Water	November 1, 2012 9:24 am	11/05/2012

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	0.090	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/08/2012 08:20	11/08/2012 21:50	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.0 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81.2-127*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BK20290 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
12K0089-01	GWQ110112:820NP1-1-2	11/08/12
12K0089-02	GWQ110112:1301NP1-1-3	11/08/12
12K0089-03	GWQ110112:845NP1-1-4	11/08/12
12K0089-04	GWQ110112:1039NP1-1-5	11/08/12
12K0089-05	GWQ110112:915NP1-1-6	11/08/12
12K0089-06	GWQ110112:900NP1-1-7	11/08/12
12K0089-07	GWQ110112:956NP1-1-8	11/08/12
12K0089-08	GWQ110112:924NP1-1-9	11/08/12
BK20290-BLK1	Blank	11/08/12
BK20290-BS1	LCS	11/08/12
BK20290-BSD1	LCS Dup	11/08/12
BK20290-MS1	Matrix Spike	11/08/12
BK20290-MSD1	Matrix Spike Dup	11/08/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20290 - EPA 5030B											
Blank (BK20290-BLK1)											Prepared & Analyzed: 11/08/2012
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	0.94	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	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20290 - EPA 5030B											
Blank (BK20290-BLK1)								Prepared & Analyzed: 11/08/2012			
Styrene	ND	0.50	ug/L								
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	*10.6*		*"*	*10.0*		*106*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.43*		*"*	*10.0*		*94.3*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				
LCS (BK20290-BS1)								Prepared & Analyzed: 11/08/2012			
1,1,1,2-Tetrachloroethane	9.66		ug/L	10.0		96.6	82.3-130				
1,1,1-Trichloroethane	9.60		"	10.0		96.0	75.6-137				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.89		"	10.0		98.9	71.1-129				
1,1,2-Trichloroethane	9.93		"	10.0		99.3	74.5-129				
1,1-Dichloroethane	9.88		"	10.0		98.8	79.6-132				
1,1-Dichloroethylene	9.41		"	10.0		94.1	80.2-146				
1,1-Dichloropropylene	9.12		"	10.0		91.2	75-136				
1,2,3-Trichlorobenzene	9.14		"	10.0		91.4	66.1-136				
1,2,3-Trichloropropane	9.93		"	10.0		99.3	63-131				
1,2,4-Trichlorobenzene	9.29		"	10.0		92.9	70.6-136				
1,2,4-Trimethylbenzene	9.89		"	10.0		98.9	75.3-135				
1,2-Dibromo-3-chloropropane	9.55		"	10.0		95.5	58.9-140				
1,2-Dibromoethane	10.0		"	10.0		100	79-130				
1,2-Dichlorobenzene	9.72		"	10.0		97.2	76.1-122				
1,2-Dichloroethane	9.98		"	10.0		99.8	74.6-132				
1,2-Dichloropropane	10.2		"	10.0		102	76.9-129				
1,3,5-Trimethylbenzene	9.86		"	10.0		98.6	70.6-127				
1,3-Dichlorobenzene	9.69		"	10.0		96.9	77-124				
1,3-Dichloropropane	10.1		"	10.0		101	75.8-126				
1,4-Dichlorobenzene	9.47		"	10.0		94.7	76.6-125				
2,2-Dichloropropane	9.01		"	10.0		90.1	69-133				
2-Chlorotoluene	9.94		"	10.0		99.4	66.3-119				
2-Hexanone	10.2		"	10.0		102	70-130				
4-Chlorotoluene	10.1		"	10.0		101	69.2-127				
Acetone	7.23		"	10.0		72.3	70-130				
Benzene	9.85		"	10.0		98.5	76.2-129				
Bromobenzene	9.82		"	10.0		98.2	71.3-123				
Bromochloromethane	8.95		"	10.0		89.5	70.8-137				
Bromodichloromethane	10.4		"	10.0		104	79.7-134				
Bromoform	9.76		"	10.0		97.6	70.5-141				
Bromomethane	11.8		"	10.0		118	43.9-147				
Carbon tetrachloride	9.36		"	10.0		93.6	78.1-138				
Chlorobenzene	9.98		"	10.0		99.8	80.4-125				
Chloroethane	10.3		"	10.0		103	55.8-140				
Chloroform	9.69		"	10.0		96.9	76.6-133				
Chloromethane	12.2		"	10.0		122	48.8-115	High Bias			
cis-1,2-Dichloroethylene	9.39		"	10.0		93.9	75.1-128				
cis-1,3-Dichloropropylene	9.48		"	10.0		94.8	74.5-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20290 - EPA 5030B											
LCS (BK20290-BS1)							Prepared & Analyzed: 11/08/2012				
Dibromochloromethane	10.2		ug/L	10.0		102	79.8-134				
Dibromomethane	10.0		"	10.0		100	79-130				
Dichlorodifluoromethane	11.7		"	10.0		117	47.1-101	High Bias			
Ethyl Benzene	10.1		"	10.0		101	80.8-128				
Hexachlorobutadiene	8.31		"	10.0		83.1	64.8-128				
Isopropylbenzene	9.98		"	10.0		99.8	75.5-135				
Methyl tert-butyl ether (MTBE)	8.85		"	10.0		88.5	65.1-140				
Methylene chloride	9.67		"	10.0		96.7	61.3-120				
Naphthalene	9.99		"	10.0		99.9	62.3-148				
n-Butylbenzene	9.45		"	10.0		94.5	67.2-123				
n-Propylbenzene	10.2		"	10.0		102	70.5-127				
o-Xylene	9.75		"	10.0		97.5	75.9-122				
p- & m- Xylenes	20.1		"	20.0		101	77.7-127				
p-Isopropyltoluene	9.89		"	10.0		98.9	75.6-129				
sec-Butylbenzene	9.83		"	10.0		98.3	71.5-125				
Styrene	10.2		"	10.0		102	77.8-123				
tert-Butylbenzene	9.16		"	10.0		91.6	75.9-151				
Tetrachloroethylene	8.73		"	10.0		87.3	63.6-167				
Toluene	9.82		"	10.0		98.2	77-123				
trans-1,2-Dichloroethylene	9.62		"	10.0		96.2	76.3-139				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137				
Trichloroethylene	9.89		"	10.0		98.9	77.9-130				
Trichlorofluoromethane	9.46		"	10.0		94.6	57.4-133				
Vinyl Chloride	11.0		"	10.0		110	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.47*		*"*	*10.0*		*94.7*	*63.5-145*				
Surrogate: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20290 - EPA 5030B											
LCS Dup (BK20290-BSD1)							Prepared & Analyzed: 11/08/2012				
1,1,1,2-Tetrachloroethane	9.73		ug/L	10.0		97.3	82.3-130		0.722	21.1	
1,1,1-Trichloroethane	9.53		"	10.0		95.3	75.6-137		0.732	19.7	
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	71.3-131		5.12	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	71.1-129		2.10	21.7	
1,1,2-Trichloroethane	10.2		"	10.0		102	74.5-129		2.19	20.3	
1,1-Dichloroethane	9.81		"	10.0		98.1	79.6-132		0.711	20.6	
1,1-Dichloroethylene	9.04		"	10.0		90.4	80.2-146		4.01	20	
1,1-Dichloropropylene	8.90		"	10.0		89.0	75-136		2.44	19.3	
1,2,3-Trichlorobenzene	9.30		"	10.0		93.0	66.1-136		1.74	21.6	
1,2,3-Trichloropropane	10.6		"	10.0		106	63-131		6.43	23.9	
1,2,4-Trichlorobenzene	9.11		"	10.0		91.1	70.6-136		1.96	21.7	
1,2,4-Trimethylbenzene	9.16		"	10.0		91.6	75.3-135		7.66	18.8	
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	58.9-140		5.99	27.7	
1,2-Dibromoethane	9.89		"	10.0		98.9	79-130		1.31	23	
1,2-Dichlorobenzene	9.89		"	10.0		98.9	76.1-122		1.73	19.8	
1,2-Dichloroethane	9.71		"	10.0		97.1	74.6-132		2.74	20.2	
1,2-Dichloropropane	9.96		"	10.0		99.6	76.9-129		2.38	20.7	
1,3,5-Trimethylbenzene	9.77		"	10.0		97.7	70.6-127		0.917	18.9	
1,3-Dichlorobenzene	9.68		"	10.0		96.8	77-124		0.103	19.2	
1,3-Dichloropropane	9.93		"	10.0		99.3	75.8-126		1.30	22.1	
1,4-Dichlorobenzene	9.47		"	10.0		94.7	76.6-125		0.00	18.6	
2,2-Dichloropropane	8.83		"	10.0		88.3	69-133		2.02	19.8	
2-Chlorotoluene	10.2		"	10.0		102	66.3-119		2.78	21.6	
2-Hexanone	10.2		"	10.0		102	70-130		0.784	30	
4-Chlorotoluene	10.2		"	10.0		102	69.2-127		0.296	19	
Acetone	6.15		"	10.0		61.5	70-130	Low Bias	16.1	30	
Benzene	9.68		"	10.0		96.8	76.2-129		1.74	19	
Bromobenzene	10.0		"	10.0		100	71.3-123		1.82	20.3	
Bromochloromethane	8.24		"	10.0		82.4	70.8-137		8.26	23.9	
Bromodichloromethane	10.4		"	10.0		104	79.7-134		0.385	21	
Bromoform	10.5		"	10.0		105	70.5-141		7.50	21.8	
Bromomethane	11.3		"	10.0		113	43.9-147		4.15	28.4	
Carbon tetrachloride	9.52		"	10.0		95.2	78.1-138		1.69	20.1	
Chlorobenzene	9.76		"	10.0		97.6	80.4-125		2.23	19.9	
Chloroethane	9.82		"	10.0		98.2	55.8-140		4.77	23.3	
Chloroform	9.67		"	10.0		96.7	76.6-133		0.207	20.3	
Chloromethane	11.5		"	10.0		115	48.8-115		6.16	24.5	
cis-1,2-Dichloroethylene	9.52		"	10.0		95.2	75.1-128		1.37	20.5	
cis-1,3-Dichloropropylene	9.25		"	10.0		92.5	74.5-128		2.46	19.9	
Dibromochloromethane	10.4		"	10.0		104	79.8-134		1.16	21.3	
Dibromomethane	9.73		"	10.0		97.3	79-130		3.24	22.4	
Dichlorodifluoromethane	11.7		"	10.0		117	47.1-101	High Bias	0.256	23.9	
Ethyl Benzene	9.99		"	10.0		99.9	80.8-128		0.996	19.2	
Hexachlorobutadiene	8.32		"	10.0		83.2	64.8-128		0.120	20.6	
Isopropylbenzene	10.2		"	10.0		102	75.5-135		2.57	20	
Methyl tert-butyl ether (MTBE)	7.64		"	10.0		76.4	65.1-140		14.7	23.6	
Methylene chloride	9.24		"	10.0		92.4	61.3-120		4.55	20.4	
Naphthalene	9.73		"	10.0		97.3	62.3-148		2.64	27.1	
n-Butylbenzene	9.11		"	10.0		91.1	67.2-123		3.66	19.1	
n-Propylbenzene	10.3		"	10.0		103	70.5-127		0.881	23.4	
o-Xylene	9.48		"	10.0		94.8	75.9-122		2.81	19.3	
p- & m- Xylenes	19.3		"	20.0		96.7	77.7-127		3.95	18.6	
p-Isopropyltoluene	9.72		"	10.0		97.2	75.6-129		1.73	19.1	
sec-Butylbenzene	10.2		"	10.0		102	71.5-125		3.30	18.9	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20290 - EPA 5030B											
LCS Dup (BK20290-BSD1)								Prepared & Analyzed: 11/08/2012			
Styrene	8.26		ug/L	10.0		82.6	77.8-123		20.7	20.9	
tert-Butylbenzene	9.40		"	10.0		94.0	75.9-151		2.59	20.9	
Tetrachloroethylene	8.56		"	10.0		85.6	63.6-167		1.97	27.7	
Toluene	9.69		"	10.0		96.9	77-123		1.33	18.7	
trans-1,2-Dichloroethylene	9.30		"	10.0		93.0	76.3-139		3.38	19.5	
trans-1,3-Dichloropropylene	10.0		"	10.0		100	72.5-137		1.87	19.3	
Trichloroethylene	9.64		"	10.0		96.4	77.9-130		2.56	20.5	
Trichlorofluoromethane	9.61		"	10.0		96.1	57.4-133		1.57	21.4	
Vinyl Chloride	10.7		"	10.0		107	54.9-124		2.40	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.94*		*"*	*10.0*		*99.4*	*63.5-145*				
Surrogate: Toluene-d8	*9.80*		*"*	*10.0*		*98.0*	*81.2-127*				
Matrix Spike (BK20290-MS1)	*Source sample: 12K0089-03 (GWQ110112:845NP1-1-4)							Prepared & Analyzed: 11/08/2012			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0	ND	108	82-138				
1,1,1-Trichloroethane	13.8		"	10.0	2.32	115	85.7-133				
1,1,2,2-Tetrachloroethane	12.3		"	10.0	ND	123	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.7		"	10.0	ND	127	74.8-131				
1,1,2-Trichloroethane	11.5		"	10.0	ND	115	82.5-129				
1,1-Dichloroethane	12.7		"	10.0	1.26	114	81.4-137				
1,1-Dichloroethylene	11.4		"	10.0	0.100	113	90-138				
1,1-Dichloropropylene	10.9		"	10.0	ND	109	91.7-131				
1,2,3-Trichlorobenzene	10.4		"	10.0	ND	104	75.9-130				
1,2,3-Trichloropropane	11.4		"	10.0	ND	114	77.1-140				
1,2,4-Trichlorobenzene	10.4		"	10.0	ND	104	69.8-135				
1,2,4-Trimethylbenzene	12.6		"	10.0	ND	126	79.4-131				
1,2-Dibromo-3-chloropropane	12.3		"	10.0	ND	123	66.6-143				
1,2-Dibromoethane	11.3		"	10.0	ND	113	79.8-136				
1,2-Dichlorobenzene	11.3		"	10.0	ND	113	79.9-130				
1,2-Dichloroethane	10.8		"	10.0	ND	108	85-133				
1,2-Dichloropropane	11.6		"	10.0	ND	116	81.1-132				
1,3,5-Trimethylbenzene	12.1		"	10.0	ND	121	76.1-121				
1,3-Dichlorobenzene	11.3		"	10.0	ND	113	79.1-124				
1,3-Dichloropropane	11.2		"	10.0	ND	112	83.3-130				
1,4-Dichlorobenzene	11.2		"	10.0	ND	112	79.4-128				
2,2-Dichloropropane	10.5		"	10.0	ND	105	54.2-126				
2-Chlorotoluene	12.0		"	10.0	ND	120	60.2-144				
2-Hexanone	11.4		"	10.0	ND	114	70-130				
4-Chlorotoluene	12.1		"	10.0	ND	121	79.8-128				
Acetone	7.00		"	10.0	ND	70.0	70-130				
Benzene	11.2		"	10.0	ND	112	74.1-134				
Bromobenzene	11.7		"	10.0	ND	117	76.6-125				
Bromochloromethane	11.3		"	10.0	ND	113	85-133				
Bromodichloromethane	11.9		"	10.0	ND	119	80.8-143				
Bromoform	10.9		"	10.0	ND	109	65.8-164				
Bromomethane	16.6		"	10.0	ND	166	68.7-112	High Bias			
Carbon tetrachloride	11.6		"	10.0	ND	116	85.7-138				
Chlorobenzene	11.2		"	10.0	ND	112	79.9-129				
Chloroethane	11.7		"	10.0	ND	117	74.7-127				
Chloroform	11.3		"	10.0	0.230	111	50.6-145				
Chloromethane	12.1		"	10.0	ND	121	64-111	High Bias			
cis-1,2-Dichloroethylene	10.7		"	10.0	ND	107	75.5-129				
cis-1,3-Dichloropropylene	10.6		"	10.0	ND	106	74.3-128				
Dibromochloromethane	11.4		"	10.0	ND	114	76.8-150				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20290 - EPA 5030B											
Matrix Spike (BK20290-MS1)	*Source sample: 12K0089-03 (GWQ110112:845NP1-1-4)							Prepared & Analyzed: 11/08/2012			
Dibromomethane	11.4		ug/L	10.0	ND	114	83.3-140				
Dichlorodifluoromethane	13.6		"	10.0	ND	136	51-100	High Bias			
Ethyl Benzene	11.9		"	10.0	ND	119	82.9-127				
Hexachlorobutadiene	10.3		"	10.0	ND	103	73-128				
Isopropylbenzene	12.3		"	10.0	ND	123	78.7-131				
Methyl tert-butyl ether (MTBE)	13.2		"	10.0	0.110	130	81.2-134				
Methylene chloride	10.5		"	10.0	ND	105	57.8-103	High Bias			
Naphthalene	12.0		"	10.0	ND	120	80.1-122				
n-Butylbenzene	11.7		"	10.0	ND	117	72.4-120				
n-Propylbenzene	12.4		"	10.0	ND	124	74-130				
o-Xylene	11.1		"	10.0	ND	111	78.8-122				
p- & m- Xylenes	22.8		"	20.0	ND	114	82.5-123				
p-Isopropyltoluene	12.1		"	10.0	ND	121	64.9-132				
sec-Butylbenzene	12.4		"	10.0	ND	124	25.4-151				
Styrene	12.8		"	10.0	ND	128	74.1-134				
tert-Butylbenzene	12.1		"	10.0	ND	121	79.5-171				
Tetrachloroethylene	10.9		"	10.0	0.750	102	72.5-130				
Toluene	11.3		"	10.0	ND	113	77.8-121				
trans-1,2-Dichloroethylene	11.3		"	10.0	ND	113	83.8-140				
trans-1,3-Dichloropropylene	11.3		"	10.0	ND	113	74.9-136				
Trichloroethylene	11.8		"	10.0	0.110	117	84.4-125				
Trichlorofluoromethane	11.9		"	10.0	ND	119	78.7-127				
Vinyl Chloride	13.3		"	10.0	ND	133	72.1-116	High Bias			
Surrogate: 1,2-Dichloroethane-d4	*9.42*		*"*	*10.0*		*94.2*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.39*		*"*	*10.0*		*93.9*	*63.5-145*				
Surrogate: Toluene-d8	*9.89*		*"*	*10.0*		*98.9*	*81.2-127*				
Matrix Spike Dup (BK20290-MSD1)	*Source sample: 12K0089-03 (GWQ110112:845NP1-1-4)							Prepared & Analyzed: 11/08/2012			
1,1,1,2-Tetrachloroethane	9.82		ug/L	10.0	ND	98.2	82-138		9.14	21.3	
1,1,1-Trichloroethane	12.3		"	10.0	2.32	99.8	85.7-133		13.8	22.6	
1,1,2,2-Tetrachloroethane	11.4		"	10.0	ND	114	78.6-136		8.18	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0	ND	112	74.8-131		12.6	25.6	
1,1,2-Trichloroethane	10.8		"	10.0	ND	108	82.5-129		5.82	19.3	
1,1-Dichloroethane	11.3		"	10.0	1.26	101	81.4-137		12.3	20.7	
1,1-Dichloroethylene	10.2		"	10.0	0.100	101	90-138		11.3	22.9	
1,1-Dichloropropylene	9.91		"	10.0	ND	99.1	91.7-131		9.88	24.9	
1,2,3-Trichlorobenzene	9.52		"	10.0	ND	95.2	75.9-130		8.55	21.4	
1,2,3-Trichloropropane	10.9		"	10.0	ND	109	77.1-140		4.31	28	
1,2,4-Trichlorobenzene	9.34		"	10.0	ND	93.4	69.8-135		11.0	22.5	
1,2,4-Trimethylbenzene	10.7		"	10.0	ND	107	79.4-131		16.3	33.9	
1,2-Dibromo-3-chloropropane	11.6		"	10.0	ND	116	66.6-143		5.94	23.3	
1,2-Dibromoethane	10.7		"	10.0	ND	107	79.8-136		5.83	19.1	
1,2-Dichlorobenzene	9.77		"	10.0	ND	97.7	79.9-130		14.7	23.2	
1,2-Dichloroethane	10.4		"	10.0	ND	104	85-133		3.95	19.1	
1,2-Dichloropropane	10.5		"	10.0	ND	105	81.1-132		9.84	19.9	
1,3,5-Trimethylbenzene	10.4		"	10.0	ND	104	76.1-121		14.8	31.2	
1,3-Dichlorobenzene	9.79		"	10.0	ND	97.9	79.1-124		14.1	22.6	
1,3-Dichloropropane	10.6		"	10.0	ND	106	83.3-130		5.50	20.9	
1,4-Dichlorobenzene	9.87		"	10.0	ND	98.7	79.4-128		12.7	21	
2,2-Dichloropropane	9.26		"	10.0	ND	92.6	54.2-126		12.2	24.5	
2-Chlorotoluene	10.4		"	10.0	ND	104	60.2-144		14.0	30.8	
2-Hexanone	11.4		"	10.0	ND	114	70-130		0.702	30	
4-Chlorotoluene	10.5		"	10.0	ND	105	79.8-128		13.7	23.2	
Acetone	7.01		"	10.0	ND	70.1	70-130		0.143	30	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20290 - EPA 5030B											
Matrix Spike Dup (BK20290-MSD1)	*Source sample: 12K0089-03 (GWQ110112:845NP1-1-4)							Prepared & Analyzed: 11/08/2012			
Benzene	10.1		ug/L	10.0	ND	101	74.1-134		10.7	20.8	
Bromobenzene	10.2		"	10.0	ND	102	76.6-125		13.1	23	
Bromochloromethane	9.87		"	10.0	ND	98.7	85-133		13.5	18.4	
Bromodichloromethane	10.9		"	10.0	ND	109	80.8-143		8.89	18.1	
Bromoform	10.3		"	10.0	ND	103	65.8-164		5.75	27.3	
Bromomethane	16.8		"	10.0	ND	168	68.7-112	High Bias	1.56	22.8	
Carbon tetrachloride	10.4		"	10.0	ND	104	85.7-138		11.3	25.1	
Chlorobenzene	9.90		"	10.0	ND	99.0	79.9-129		12.1	21	
Chloroethane	10.2		"	10.0	ND	102	74.7-127		13.7	23.7	
Chloroform	10.1		"	10.0	0.230	98.8	50.6-145		11.7	21.7	
Chloromethane	10.8		"	10.0	ND	108	64-111		11.5	21.4	
cis-1,2-Dichloroethylene	9.68		"	10.0	ND	96.8	75.5-129		9.73	20.2	
cis-1,3-Dichloropropylene	9.80		"	10.0	ND	98.0	74.3-128		7.37	19.8	
Dibromochloromethane	11.0		"	10.0	ND	110	76.8-150		3.83	20.8	
Dibromomethane	10.8		"	10.0	ND	108	83.3-140		5.78	20.4	
Dichlorodifluoromethane	11.8		"	10.0	ND	118	51-100	High Bias	14.4	27.6	
Ethyl Benzene	10.5		"	10.0	ND	105	82.9-127		12.3	21.4	
Hexachlorobutadiene	8.78		"	10.0	ND	87.8	73-128		16.0	26	
Isopropylbenzene	10.5		"	10.0	ND	105	78.7-131		15.3	26.7	
Methyl tert-butyl ether (MTBE)	12.7		"	10.0	0.110	126	81.2-134		3.43	21.2	
Methylene chloride	9.45		"	10.0	ND	94.5	57.8-103		10.9	21.2	
Naphthalene	11.6		"	10.0	ND	116	80.1-122		3.23	26.1	
n-Butylbenzene	10.2		"	10.0	ND	102	72.4-120		13.6	30.8	
n-Propylbenzene	10.9		"	10.0	ND	109	74-130		13.2	31	
o-Xylene	9.92		"	10.0	ND	99.2	78.8-122		11.4	21	
p- & m- Xylenes	20.8		"	20.0	ND	104	82.5-123		8.95	22.5	
p-Isopropyltoluene	10.4		"	10.0	ND	104	64.9-132		14.6	25.2	
sec-Butylbenzene	10.6		"	10.0	ND	106	25.4-151		15.4	25.2	
Styrene	11.4		"	10.0	ND	114	74.1-134		12.3	20	
tert-Butylbenzene	10.4		"	10.0	ND	104	79.5-171		15.4	24.8	
Tetrachloroethylene	9.94		"	10.0	0.750	91.9	72.5-130		10.3	22.7	
Toluene	10.2		"	10.0	ND	102	77.8-121		10.8	21.5	
trans-1,2-Dichloroethylene	10.1		"	10.0	ND	101	83.8-140		11.6	20.1	
trans-1,3-Dichloropropylene	10.8		"	10.0	ND	108	74.9-136		5.07	22.5	
Trichloroethylene	10.4		"	10.0	0.110	103	84.4-125		12.0	20.7	
Trichlorofluoromethane	10.5		"	10.0	ND	105	78.7-127		12.9	24.7	
Vinyl Chloride	11.8		"	10.0	ND	118	72.1-116	High Bias	11.9	24.9	
Surrogate: 1,2-Dichloroethane-d4	*9.58*		*"*	*10.0*		*95.8*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.27*		*"*	*10.0*		*92.7*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
12K0089-01	GWQ110112:820NP1-1-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0089-02	GWQ110112:1301NP1-1-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0089-03	GWQ110112:845NP1-1-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0089-04	GWQ110112:1039NP1-1-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0089-05	GWQ110112:915NP1-1-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0089-06	GWQ110112:900NP1-1-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0089-07	GWQ110112:956NP1-1-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0089-08	GWQ110112:924NP1-1-9	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

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

York Project No. 12K0089

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,	Name:	Tunde Sandor	Name:	Mark Goldberg		RUSH Next Day		QA/QC Summary	x, pdf
	Suite 301, Shelton CT, 06484	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	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc	Helium	TAGM	Silica	MBAS	TPH-IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled		Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GWQ110112:820NP1-1-2	11/1/12	820	GW	VOC 8260 full list (EPA SW846-8260B)	2 40ml voa
GWQ110112:1301NP1-1-3	↓	1301	GW	VOC 8260 full list (EPA SW846-8260B)	↓
GWQ110112:845NP1-1-4	↓	845	GW	VOC 8260 full list (EPA SW846-8260B)	↓
GWQ110112:845NP1-1-4MS	↓	845	GW	VOC 8260 full list (EPA SW846-8260B)	↓
GWQ110112:845NP1-1-4MSD	↓	845	GW	VOC 8260 full list (EPA SW846-8260B)	↓
GWQ110112:1039NP1-1-5	↓	1039	GW	VOC 8260 full list (EPA SW846-8260B)	↓
GWQ110112:915NP1-1-6	↓	915	GW	VOC 8260 full list (EPA SW846-8260B)	↓
GWQ110112:900NP1-1-7	↓	900	GW	VOC 8260 full list (EPA SW846-8260B)	↓
GWQ110112:956NP1-1-8	↓	956	GW	↓	↓
GWQ110112:924NP1-1-9	↓	924	GW	↓	↓

Comments

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

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	11/5/12 12:__	[signature]	11-5-12 13:30

Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		[signature]	11-5-12 1540

Temperature on Receipt: 3.5 °C

APPENDIX III
OCTOBER 2012 LABORATORY ANALYTICAL REPORTS
FOR AIR SAMPLES

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 11/14/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0088

Report Date: 11/14/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0088

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde 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 November 05, 2012 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
12K0088-01	AQ103112:1640NP4-1	Vapor Extraction	10/31/2012	11/05/2012
12K0088-02	AQ103112:1645NP4-2	Vapor Extraction	10/31/2012	11/05/2012
12K0088-03	AQ103112:1650NP4-3	Vapor Extraction	10/31/2012	11/05/2012

General Notes for York Project (SDG) No.: 12K0088

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:** 11/14/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: AQ103112:1640NP4-1 **York Sample ID:** 12K0088-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0088	Rowe Industries	Vapor Extraction	October 31, 2012 4:40 pm	11/05/2012

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.87	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.090	1.2	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
79-01-6	Trichloroethylene	**1.4**		ug/m³	0.11	0.46	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.14	0.78	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.081	0.68	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
108-88-3	Toluene	**0.71**		ug/m³	0.15	0.64	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.13	0.50	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
127-18-4	Tetrachloroethylene	**14**		ug/m³	0.14	1.2	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
100-42-5	Styrene	ND		ug/m³	0.13	0.73	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
115-07-01	Propylene	ND		ug/m³	0.14	0.29	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.15	4.2	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
1330-20-7P/M	p- & m- Xylenes	**0.74**		ug/m³	0.25	0.74	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
95-47-6	o-Xylene	ND		ug/m³	0.13	0.74	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
110-54-3	n-Hexane	ND		ug/m³	0.072	0.60	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
142-82-5	n-Heptane	ND		ug/m³	0.084	0.70	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
75-09-2	Methylene chloride	**1.1**	B	ug/m³	0.14	0.59	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	**1.3**		ug/m³	0.074	0.61	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.25	0.70	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
67-63-0	Isopropanol	**4.0**		ug/m³	0.15	0.42	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.33	1.8	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.13	0.74	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.15	0.62	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
110-82-7	Cyclohexane	ND		ug/m³	0.071	0.59	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.19	0.78	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.12	0.68	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
74-87-3	Chloromethane	**1.2**		ug/m³	0.11	0.35	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
67-66-3	Chloroform	**4.3**		ug/m³	0.13	0.83	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
75-00-3	Chloroethane	ND		ug/m³	0.054	0.45	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
56-23-5	Carbon tetrachloride	**0.86**		ug/m³	0.13	0.54	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
75-15-0	Carbon disulfide	**3.5**		ug/m³	0.064	0.53	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
74-83-9	Bromomethane	ND		ug/m³	0.080	0.66	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
75-25-2	Bromoform	ND		ug/m³	0.32	1.8	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.25	1.1	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.11	0.88	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
71-43-2	Benzene	**0.82**		ug/m³	0.082	0.55	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD

Sample Information

Client Sample ID: AQ103112:1640NP4-1 **York Sample ID:** 12K0088-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0088	Rowe Industries	Vapor Extraction	October 31, 2012 4:40 pm	11/05/2012

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
67-64-1	Acetone	**16**	B	ug/m³	0.13	0.41	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
591-78-6	2-Hexanone	ND		ug/m³	0.38	1.4	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
78-93-3	2-Butanone	**3.9**		ug/m³	0.20	0.50	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.55	6.2	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.23	1.0	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.18	1.0	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.11	0.74	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.11	1.7	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.20	1.2	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.17	0.79	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.17	0.69	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.26	1.0	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.10	4.2	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
120-82-1	1,2,4-Trichlorobenzene	**1.5**		ug/m³	0.28	1.3	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.10	0.68	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
75-34-3	1,1-Dichloroethane	**3.9**		ug/m³	0.083	0.69	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**1.7**		ug/m³	0.058	0.96	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.23	0.93	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	0.092	1.3	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.28	1.2	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
71-55-6	1,1,1-Trichloroethane	**9.6**		ug/m³	0.17	0.93	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
75-71-8	Dichlorodifluoromethane	**2.5**		ug/m³	0.21	0.84	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.3	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.70	0.70	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.14	0.79	1.68	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 00:29	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.5 %*	*70-130*

Sample Information

Client Sample ID: AQ103112:1645NP4-2 **York Sample ID:** 12K0088-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0088	Rowe Industries	Vapor Extraction	October 31, 2012 4:45 pm	11/05/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **AQ103112:1645NP4-2** **York Sample ID:** **12K0088-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0088	Rowe Industries	Vapor Extraction	October 31, 2012 4:45 pm	11/05/2012

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.95	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.098	1.3	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
79-01-6	Trichloroethylene	**4.3**		ug/m³	0.12	0.50	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.15	0.84	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.088	0.73	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
108-88-3	Toluene	**0.91**		ug/m³	0.17	0.70	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.14	0.55	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
127-18-4	Tetrachloroethylene	**72**		ug/m³	0.15	1.3	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
100-42-5	Styrene	ND		ug/m³	0.14	0.79	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
115-07-01	Propylene	ND		ug/m³	0.15	0.32	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.16	4.5	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
1330-20-7P/M	p- & m- Xylenes	**1.2**		ug/m³	0.27	0.80	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
95-47-6	o-Xylene	ND		ug/m³	0.14	0.80	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
110-54-3	n-Hexane	**0.78**		ug/m³	0.078	0.65	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
142-82-5	n-Heptane	ND		ug/m³	0.091	0.76	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
75-09-2	Methylene chloride	**1.4**	B	ug/m³	0.15	0.64	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	**2.7**		ug/m³	0.080	0.67	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.27	0.76	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
67-63-0	Isopropanol	**2.2**		ug/m³	0.16	0.45	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.36	2.0	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.14	0.80	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
141-78-6	Ethyl acetate	**1.6**		ug/m³	0.17	0.67	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
110-82-7	Cyclohexane	ND		ug/m³	0.076	0.64	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.21	0.84	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
156-59-2	cis-1,2-Dichloroethylene	**1.8**		ug/m³	0.12	0.73	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
74-87-3	Chloromethane	**1.3**		ug/m³	0.11	0.38	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
67-66-3	Chloroform	**3.3**		ug/m³	0.14	0.90	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
75-00-3	Chloroethane	ND		ug/m³	0.059	0.49	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
56-23-5	Carbon tetrachloride	**1.3**		ug/m³	0.14	0.58	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
75-15-0	Carbon disulfide	**4.0**		ug/m³	0.069	0.58	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
74-83-9	Bromomethane	ND		ug/m³	0.086	0.72	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
75-25-2	Bromoform	ND		ug/m³	0.34	1.9	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.28	1.1	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.11	0.96	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
71-43-2	Benzene	**1.2**		ug/m³	0.089	0.59	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
67-64-1	Acetone	**6.6**	B	ug/m³	0.14	0.44	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
591-78-6	2-Hexanone	ND		ug/m³	0.42	1.5	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD

Sample Information

Client Sample ID: AQ103112:1645NP4-2 **York Sample ID:** 12K0088-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0088	Rowe Industries	Vapor Extraction	October 31, 2012 4:45 pm	11/05/2012

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
78-93-3	2-Butanone	**1.7**		ug/m³	0.22	0.55	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.60	6.7	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.24	1.1	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.20	1.1	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.12	0.80	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.12	1.8	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.22	1.3	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.19	0.85	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.18	0.75	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.28	1.1	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.11	4.5	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.30	1.4	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.11	0.73	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
75-34-3	1,1-Dichloroethane	**4.4**		ug/m³	0.090	0.75	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**2.4**		ug/m³	0.062	1.0	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.25	1.0	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	**1.6**		ug/m³	0.099	1.4	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.30	1.3	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
71-55-6	1,1,1-Trichloroethane	**17**		ug/m³	0.18	1.0	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
75-71-8	Dichlorodifluoromethane	**3.3**		ug/m³	0.23	0.91	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.4	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.5	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.76	0.76	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.15	0.85	1.819	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:01	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.6 %*	*70-130*

Sample Information

Client Sample ID: AQ103112:1650NP4-3 **York Sample ID:** 12K0088-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0088	Rowe Industries	Vapor Extraction	October 31, 2012 4:50 pm	11/05/2012

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

Sample Information

Client Sample ID: AQ103112:1650NP4-3 **York Sample ID:** 12K0088-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0088	Rowe Industries	Vapor Extraction	October 31, 2012 4:50 pm	11/05/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.89	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.092	1.2	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.11	0.47	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.14	0.79	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.083	0.69	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
108-88-3	Toluene	ND		ug/m³	0.16	0.66	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.13	0.52	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.14	1.2	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
100-42-5	Styrene	ND		ug/m³	0.13	0.75	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
115-07-01	Propylene	ND		ug/m³	0.14	0.30	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.15	4.3	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
1330-20-7P/M	p- & m- Xylenes	**0.76**		ug/m³	0.26	0.76	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
95-47-6	o-Xylene	ND		ug/m³	0.14	0.76	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
110-54-3	n-Hexane	ND		ug/m³	0.074	0.62	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
142-82-5	n-Heptane	ND		ug/m³	0.086	0.72	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
75-09-2	Methylene chloride	**1.5**	B	ug/m³	0.15	0.61	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.076	0.63	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.26	0.72	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
67-63-0	Isopropanol	**3.7**		ug/m³	0.15	0.43	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.34	1.9	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.14	0.76	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
141-78-6	Ethyl acetate	**4.4**		ug/m³	0.16	0.63	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
110-82-7	Cyclohexane	ND		ug/m³	0.072	0.60	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.20	0.79	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
156-59-2	cis-1,2-Dichloroethylene	**0.97**		ug/m³	0.12	0.69	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
74-87-3	Chloromethane	**1.2**		ug/m³	0.11	0.36	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
67-66-3	Chloroform	**3.3**		ug/m³	0.13	0.85	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
75-00-3	Chloroethane	ND		ug/m³	0.055	0.46	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
56-23-5	Carbon tetrachloride	**0.77**		ug/m³	0.13	0.55	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
75-15-0	Carbon disulfide	**2.8**		ug/m³	0.065	0.54	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
74-83-9	Bromomethane	ND		ug/m³	0.082	0.68	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
75-25-2	Bromoform	ND		ug/m³	0.33	1.8	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.26	1.1	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.11	0.91	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
71-43-2	Benzene	**0.56**		ug/m³	0.084	0.56	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD

Sample Information

Client Sample ID: AQ103112:1650NP4-3 **York Sample ID:** 12K0088-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0088	Rowe Industries	Vapor Extraction	October 31, 2012 4:50 pm	11/05/2012

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
67-64-1	Acetone	**22**	B	ug/m³	0.13	0.42	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
591-78-6	2-Hexanone	ND		ug/m³	0.39	1.4	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
78-93-3	2-Butanone	**5.0**		ug/m³	0.21	0.52	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.57	6.3	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.23	1.1	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.19	1.1	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.11	0.76	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.11	1.7	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.21	1.2	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.18	0.81	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.17	0.71	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.26	1.1	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.10	4.3	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.29	1.3	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
75-35-4	1,1-Dichloroethylene	**0.76**		ug/m³	0.10	0.69	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
75-34-3	1,1-Dichloroethane	**5.3**		ug/m³	0.085	0.71	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**2.0**		ug/m³	0.059	0.98	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.24	0.95	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	**1.3**		ug/m³	0.094	1.3	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.29	1.2	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
71-55-6	1,1,1-Trichloroethane	**13**		ug/m³	0.17	0.95	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
75-71-8	Dichlorodifluoromethane	**2.5**		ug/m³	0.22	0.87	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.3	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.72	0.72	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.14	0.81	1.72	EPA Compendium TO-15	11/12/2012 09:00	11/13/2012 02:47	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*87.9 %*	*70-130*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BK20565 **Preparation Method:** EPA TO15 PREP **Prepared By:** TD

YORK Sample ID	Client Sample ID	Preparation Date
12K0088-01	AQ103112:1640NP4-1	11/12/12
12K0088-02	AQ103112:1645NP4-2	11/12/12
12K0088-03	AQ103112:1650NP4-3	11/12/12
BK20565-BLK1	Blank	11/12/12
BK20565-BS1	LCS	11/12/12
BK20565-DUP1	Duplicate	11/12/12

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK20565 - EPA TO15 PREP

Blank (BK20565-BLK1) — Prepared & Analyzed: 11/12/2012

Vinyl Chloride	ND	0.52	ug/m³
Vinyl acetate	ND	0.72	"
Trichloroethylene	ND	0.27	"
trans-1,3-Dichloropropylene	ND	0.46	"
trans-1,2-Dichloroethylene	ND	0.40	"
Toluene	ND	0.38	"
Tetrahydrofuran	ND	0.30	"
Tetrachloroethylene	ND	0.69	"
Styrene	ND	0.43	"
Propylene	ND	0.18	"
p-Ethyltoluene	ND	2.5	"
p- & m- Xylenes	ND	0.44	"
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	0.25	"
Hexachlorobutadiene	ND	1.1	"
Ethyl Benzene	ND	0.44	"
Ethyl acetate	ND	0.37	"
Cyclohexane	ND	0.35	"
cis-1,3-Dichloropropylene	ND	0.46	"
cis-1,2-Dichloroethylene	ND	0.40	"
Chloromethane	ND	0.21	"
Chloroform	ND	0.50	"
Chloroethane	ND	0.27	"
Carbon tetrachloride	ND	0.32	"
Carbon disulfide	ND	0.32	"
Bromomethane	ND	0.39	"
Bromoform	ND	1.1	"
Bromodichloromethane	ND	0.63	"
Benzyl chloride	ND	0.53	"
Benzene	ND	0.32	"
Acetone	0.44	0.24	"
2-Hexanone	ND	0.83	"
2-Butanone	ND	0.30	"
1,4-Dioxane	ND	3.7	"
1,4-Dichlorobenzene	ND	0.61	"
1,3-Dichlorobenzene	ND	0.61	"
1,3-Butadiene	ND	0.44	"
1,3,5-Trimethylbenzene	ND	1.0	"
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	2.5	"
1,2,4-Trichlorobenzene	ND	0.75	"
1,1-Dichloroethylene	ND	0.40	"
1,1-Dichloroethane	ND	0.41	"
Trichlorofluoromethane (Freon 11)	ND	0.57	"
1,1,2-Trichloroethane	ND	0.55	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20565 - EPA TO15 PREP											
Blank (BK20565-BLK1)								Prepared & Analyzed: 11/12/2012			
1,1,2,2-Tetrachloroethane	ND	0.70	ug/m³								
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	*8.80*		*ppbv*	*10.0*		*88.0*	*70-130*				
LCS (BK20565-BS1)								Prepared & Analyzed: 11/12/2012			
Vinyl Chloride	9.74		ppbv	10.1		96.4	70-130				
Vinyl acetate	0.150		"	9.70		1.55	58.1-135	Low Bias			
Trichloroethylene	7.29		"	10.2		71.5	70-130				
trans-1,3-Dichloropropylene	7.70		"	9.90		77.8	62-135				
trans-1,2-Dichloroethylene	8.59		"	9.50		90.4	58.3-130				
Toluene	9.55		"	10.8		88.4	64.9-126				
Tetrahydrofuran	12.9		"	10.2		126	44.6-146				
Tetrachloroethylene	8.51		"	10.5		81.0	70-130				
Styrene	11.0		"	10.7		103	66.4-132				
Propylene	8.87		"	11.0		80.6	62.4-150				
p-Ethyltoluene	11.1		"	10.4		106	73.8-146				
p- & m- Xylenes	20.2		"	21.0		96.4	56.6-136				
o-Xylene	10.8		"	10.8		100	67.8-133				
n-Hexane	8.72		"	10.3		84.7	59.7-130				
n-Heptane	9.24		"	10.4		88.8	62.3-134				
Methylene chloride	7.50		"	10.0		75.0	62.6-130				
Methyl tert-butyl ether (MTBE)	12.1		"	10.2		119	60.7-139				
4-Methyl-2-pentanone	11.0		"	10.0		110	64.5-158				
Isopropanol	14.2		"	9.90		143	60-150				
Hexachlorobutadiene	14.9		"	11.0		135	61.2-150				
Ethyl Benzene	10.1		"	10.7		94.5	68.4-125				
Ethyl acetate	17.0		"	10.0		170	40.6-150	High Bias			
Cyclohexane	9.39		"	10.2		92.1	60.4-127				
cis-1,3-Dichloropropylene	8.36		"	10.7		78.1	65.5-129				
cis-1,2-Dichloroethylene	9.25		"	10.5		88.1	51.3-118				
Chloromethane	9.13		"	10.1		90.4	64.9-130				
Chloroform	9.31		"	10.0		93.1	65.1-130				
Chloroethane	10.2		"	10.1		101	52.1-131				
Carbon tetrachloride	9.14		"	10.1		90.5	70-130				
Carbon disulfide	9.06		"	10.0		90.6	61.8-111				
Bromomethane	8.98		"	10.2		88.0	60.1-140				
Bromoform	10.8		"	10.5		102	58.7-150				
Bromodichloromethane	8.00		"	10.2		78.4	65.3-127				
Benzyl chloride	9.73		"	10.2		95.4	62.5-150				
Benzene	10.7		"	10.4		103	69.5-130				
Acetone	13.3		"	10.0		133	55.3-133				
2-Hexanone	13.6		"	10.1		135	52-150				
2-Butanone	13.2		"	10.0		132	28.5-154				
1,4-Dioxane	21.7		"	10.2		212	50-150	High Bias			
1,4-Dichlorobenzene	11.3		"	10.6		107	62.5-139				
1,3-Dichlorobenzene	10.8		"	10.2		105	71.9-153				
1,3-Butadiene	10.2		"	10.5		97.2	66.7-127				
1,3,5-Trimethylbenzene	11.3		"	10.6		106	65-152				
1,2-Dichlorotetrafluoroethane	9.50		"	10.1		94.1	63.3-129				

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20565 - EPA TO15 PREP											
LCS (BK20565-BS1)								Prepared & Analyzed: 11/12/2012			
1,2-Dichloropropane	7.96		ppbv	10.7		74.4	21.3-152				
1,2-Dichloroethane	10.6		"	10.4		102	51.2-124				
1,2-Dichlorobenzene	11.2		"	10.6		106	63.7-148				
1,2,4-Trimethylbenzene	10.8		"	10.7		101	67.9-152				
1,2,4-Trichlorobenzene	16.6		"	11.0		151	58-147	High Bias			
1,1-Dichloroethylene	8.79		"	9.80		89.7	58.1-130				
1,1-Dichloroethane	9.50		"	10.2		93.1	63.3-130				
Trichlorofluoromethane (Freon 11)	9.59		"	10.5		91.3	56-132				
1,1,2-Trichloroethane	8.89		"	10.7		83.1	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.85		"	9.70		91.2	60.2-125				
1,1,2,2-Tetrachloroethane	11.7		"	10.8		108	63.7-132				
1,1,1-Trichloroethane	9.89		"	10.4		95.1	58.2-126				
Dichlorodifluoromethane	8.70		"	10.0		87.0	62.8-133				
1,2-Dibromoethane	8.91		"	10.6		84.1	70-130				
Dibromochloromethane	9.29		"	10.6		87.6	70-130				
Methyl Methacrylate	7.66		"	10.1		75.8	70-130				
Chlorobenzene	10.2		"	10.8		94.4	67.6-122				
Surrogate: p-Bromofluorobenzene	*8.62*		*"*	*10.0*		*86.2*	*70-130*				
Duplicate (BK20565-DUP1)	*Source sample: 12K0088-01 (AQ103112:1640NP4-1)							Prepared: 11/12/2012 Analyzed: 11/13/2012			
Vinyl Chloride	ND	0.87	ug/m³		ND					25	
Vinyl acetate	ND	1.2	"		ND					25	
Trichloroethylene	1.4	0.46	"		1.4				0.00	25	
trans-1,3-Dichloropropylene	ND	0.78	"		ND					25	
trans-1,2-Dichloroethylene	ND	0.68	"		ND					25	
Toluene	0.58	0.64	"		0.71				20.0	25	
Tetrahydrofuran	ND	0.50	"		ND					25	
Tetrachloroethylene	13	1.2	"		14				4.29	25	
Styrene	ND	0.73	"		ND					25	
Propylene	ND	0.29	"		ND					25	
p-Ethyltoluene	ND	4.2	"		ND					25	
p- & m- Xylenes	0.74	0.74	"		0.74				0.00	25	
o-Xylene	0.37	0.74	"		0.37				0.00	25	
n-Hexane	ND	0.60	"		ND					25	
n-Heptane	ND	0.70	"		ND					25	
Methylene chloride	1.1	0.59	"		1.1				5.41	25	
Methyl tert-butyl ether (MTBE)	1.3	0.61	"		1.3				0.00	25	
4-Methyl-2-pentanone	ND	0.70	"		ND					25	
Isopropanol	3.6	0.42	"		4.0				9.94	25	
Hexachlorobutadiene	ND	1.8	"		ND					25	
Ethyl Benzene	ND	0.74	"		ND					25	
Ethyl acetate	ND	0.62	"		ND					25	
Cyclohexane	ND	0.59	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.78	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.68	"		ND					25	
Chloromethane	1.1	0.35	"		1.2				9.52	25	
Chloroform	4.3	0.83	"		4.3				1.94	25	
Chloroethane	ND	0.45	"		ND					25	
Carbon tetrachloride	0.86	0.54	"		0.86				0.00	25	
Carbon disulfide	3.3	0.53	"		3.5				6.25	25	
Bromomethane	ND	0.66	"		ND					25	
Bromoform	ND	1.8	"		ND					25	
Bromodichloromethane	ND	1.1	"		ND					25	
Benzyl chloride	ND	0.88	"		ND					25	

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20565 - EPA TO15 PREP											
Duplicate (BK20565-DUP1)	*Source sample: 12K0088-01 (AQ103112:1640NP4-1)								Prepared: 11/12/2012 Analyzed: 11/13/2012		
Benzene	0.71	0.55	ug/m³		0.82				14.3	25	
Acetone	15	0.41	"		16				5.76	25	
2-Hexanone	ND	1.4	"		ND					25	
2-Butanone	3.8	0.50	"		3.9				2.60	25	
1,4-Dioxane	ND	6.2	"		ND					25	
1,4-Dichlorobenzene	ND	1.0	"		ND					25	
1,3-Dichlorobenzene	ND	1.0	"		ND					25	
1,3-Butadiene	ND	0.74	"		ND					25	
1,3,5-Trimethylbenzene	ND	1.7	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.2	"		ND					25	
1,2-Dichloropropane	ND	0.79	"		ND					25	
1,2-Dichloroethane	ND	0.69	"		ND					25	
1,2-Dichlorobenzene	ND	1.0	"		ND					25	
1,2,4-Trimethylbenzene	ND	4.2	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.3	"		1.5					25	
1,1-Dichloroethylene	0.54	0.68	"		0.61				11.8	25	
1,1-Dichloroethane	3.8	0.69	"		3.9				3.57	25	
Trichlorofluoromethane (Freon 11)	1.6	0.96	"		1.7				5.71	25	
1,1,2-Trichloroethane	ND	0.93	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.0	1.3	"		1.0				0.00	25	
1,1,2,2-Tetrachloroethane	ND	1.2	"		ND					25	
1,1,1-Trichloroethane	9.2	0.93	"		9.6				3.96	25	
Dichlorodifluoromethane	2.5	0.84	"		2.5				3.39	25	
1,2-Dibromoethane	ND	1.3	"		ND					25	
Dibromochloromethane	ND	1.4	"		ND					25	
Methyl Methacrylate	ND	0.70	"		ND					25	
Chlorobenzene	ND	0.79	"		ND					25	
Surrogate: p-Bromofluorobenzene	*9.42*		*ppbv*	*10.0*		*94.2*	*70-130*				

Notes and Definitions

QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.

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

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

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

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

NR Not reported

RPD Relative Percent Difference

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

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

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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record - AIR

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

York Project No. 12K0088

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

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

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

Air Matrix Codes

AI - INDOOR Ambient Air
AO- OUTDOOR Amb. Air
AE- Vapor Extraction Well/ Process Gas/Effluent
AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses

EPA TO-15 List
EPA TO-14A List
NYSDEC VI list
Tentatively Identified Compounds
NYSDEC STARS List
Air VPH
Project Specific List by TO-15
Helium
NJDEP Target List
Methane
CTDEP RCP Target List
OTHER ___

Detection Limits Required

≤ 1 ug/m³ ___
NYSDEC VI Limits ___
(VI = vapor intrusion)
NJDEP low level ___
Routine Survey ___
Other ___

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
~~AE~~ AQ103112:1640NP4-1	10/31/12 1640	AE			EPA TO-15 List.	6 Liter Summa canister ✓ Tedlar Bag ___
AQ103112:1645NP4-2	1645	AE				6 Liter Summa canister ✓ Tedlar Bag ___
AQ103112:1650NP4-3	1650	AE				6 Liter Summa canister ✓ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___

Comments
Grab samples, No regulator used.

Samples Relinquished By	11/5/12 1:24	Samples Received By	11-5-12 13:30
Samples Relinquished By	Date/Time	Samples Received in LAB by	11/5/12 -1540