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PROJECT STATUS MEMORANDUM

NO. 12-12

TO: Pamela Tames, USEPA
FROM: Mark M. Goldberg, P.E.
Tunde H. Komuves-Sandor
DATE: February 22, 2013
PROJECT: Rowe Industries Superfund Site
Groundwater Recovery and Treatment System
December 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 December 1, 2012 through December 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

(December 1, 2012 through December 31, 2012)

- | | |
|---|--------------------------------------|
| 1. Hours of operation during the reporting period: | 514 hours (69.1%) |
| 2. Alarm conditions during the reporting period: | See Table 1 |
| 3. Was the SPDES VOC discharge permit criteria achieved: | yes, (see Table 2) |
| 4. Total volume of water pumped during the reporting period: | 4,130,588 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: | 0.09 pounds* |
| 7. Cumulative mass of VOCs recovered since startup on 12/17/02:
(calculations can be provided upon request) | 225.2 pounds |
| 8. Effluent VOC vapor concentration for the reporting period: | 0.09 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 (0.00087 lbs/hr) |

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

FULL SCALE PUMP AND TREAT SYSTEM STATUS SUMMARY

The following table summarizes select recovery well parameters for the 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	895,310	27	13	2.9	0.02
RW-4	895,311	23	10	4.5	0.03
RW-6	447,694	15	15	4.3	0.02
RW-7	1,790,702	70	69	1.2	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.

Evaluation of Groundwater Quality

During December 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-3, RW-4, RW-5, RW-6, RW-7, 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 December did not activate the procedures defined in the Recovery Well Shutdown Plan for resampling or restarting the non-operating wells. Starting with January 2013, the groundwater quality at RW-3, RW-5, RW-8 and RW-9 will be monitored quarterly as indicated in the Recovery Well Shutdown Plan. The operating 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 46 consecutive months (3 years and 10 months);
- RW-4 for 28 consecutive months (2 years and 4 months);
- RW-6 for 25 consecutive months (2 years and 1 month); and
- RW-7 for 30 consecutive months (2 years and 6 months).

Based on the approved Limited Recovery Well Shutdown Plan, quarterly groundwater sampling of monitor well cluster MW-49A, B and C was completed during the month of December. Low concentrations of xylenes at 0.37 µg/l were detected in the groundwater sample collected from MW-49A. Low concentrations of PCE, TCE and xylenes (0.87 µg/l, 0.10 µg/l and 0.19 µg/l, respectively) were detected in the groundwater sample collected from MW-49B, PCE and xylenes 0.58 µg/l and of 0.27 µg/l, respectively were also detected in the groundwater sample collected from MW- 49C. These concentrations are well below the ARAR of 5 µg/l.

The contaminant concentrations in the groundwater samples from this well cluster are consistent with concentrations in samples collected prior to the shutdown of RW-9. PCE had not been detected in groundwater samples from MW-49C since March 2006, however, the concentration in the groundwater sample collected in December 2012 is below the laboratory quantifiable concentration and does not warrant any action at this time. PCE and TCE were not detected in the groundwater sample collected from the nearby and recently shut down recovery well RW-9, however, xylenes were detected at a low concentration of 0.23 µg/l. The groundwater quality at the MW-49 well cluster will continue to be monitored quarterly.

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 Former Drum Storage Area (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 in the FDSA, the FRWs were off during the month of December. Groundwater samples were collected once during the month of December using the low-flow procedure from the four FRWs and MW-98-01A, MW-98-05A, MW-28A and 28B, MW-45A 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, has increased during the static condition period at three of the four focus recovery wells (FRW-1, 2 and 3). In FRW-4 the concentrations of PCE and the breakdown products have decreased to below the applicable ARARs during static conditions.

Low concentrations of VOCs were detected in the groundwater samples collected from MW-28A, MW-28B, MW-98-01A and MW-98-05A. TCA, TCE, PCE, xylenes, cis12DEC, 1,1-dichloroethane (1,1DCA), benzene, ethyl benzene, toluene and vinyl chloride were detected below ARARs. Cis12DCE (at 11 ug/l) was detected above the ARAR in the groundwater sample collected from MW-98-05A. VOCs were not detected in the groundwater samples from MW-45A and MW-52A.

OTHER O&M ACTIVITIES AND FUTURE O&M ACTIVITIES

O&M activities conducted in December 2012 included:

- on December 3, technicians from LBG inspected the condition of the discharge basins.

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

- normal weekly/monthly O&M activities.

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

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TABLES

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

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

Date	Time	System Changes/Modifications	Personnel
12/3/2012		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
	9:40 AM	Shut down FSP&T system in order to reboot PCL computer.	SH
	10:20 AM	Restarted FSP&T system.	SH
		Inspected the condition of the discharge basins and redirected the discharge from the secondary to the primary basin.	SH
12/5/2012	6:53 PM	FSP&T system shut down due to a power failure alarm.	
12/6/2012	12:57 PM	Reset alarms and restarted the FSP&T system.	JF
12/10/2012	11:53 AM	FSP&T system shut down due to a booster blower failure alarm.	
12/12/2012		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
	10:30 AM	Inspected the booster blower, reset alarms and restarted the FSP&T system.	SH
		Collected quarterly groundwater samples from MW-49 monitor well cluster.	SH
12/18/2012		Collected groundwater samples from select monitor wells in the Former Drum Storage Area (FDSA).	SH/EF
		Completed weekly O&M activities.	SH
12/24/2012	1:58 PM	FSP&T system shut down due to a power failure alarm.	
12/27/2012	11:02 PM	Reset alarms and restarted the FSP&T system.	SH
		Changed the multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.	SH
12/28/2012	12:36 PM	FSP&T system shut down due to a power failure alarm.	

TABLE 2

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

Effluent Water Quality Results

Date Sampled ^{2/}	pH ^{1/}	TDS (mg/l)	PCE (ug/l)	1,1,1-TCA (ug/l)	TCE (ug/l)	1,1-DCA (ug/l)	1,1-DCE (ug/l)	cis- 1,2-DCE (ug/l)	trans- 1,2-DCE (ug/l)	Xylene (ug/l)	Toluene (ug/l)	Ethyl- benzene (ug/l)	Methylene Chloride (ug/l)	Freon 113 (ug/l)	Naphthalene (ug/l)	Chloroform (ug/l)	Total Iron (mg/l)	Dissolved Iron (mg/l)
SPDES Limits	5.0 to 8.5	---	5	5	5	5	5	5	5	5	5	5	5	---	10	7	---	---
3-Dec-12	7.4	135	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	0.99 J,B	ND<0.5	0.18 J	ND<0.5	20.3	0.056
12-Dec-12	7.4	82	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	0.30 J,B	ND<0.5	ND<2	ND<0.5	1.43	ND<0.02
18-Dec-12	7.2	103	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	4.52	0.047
28-Dec-12	7.5	135	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	0.16 J,B	ND<0.5	8.86	ND<0.02

SPDES: State Pollutant Discharge Elimination System

mg/l: Milligrams per liter

ug/l: Micrograms per liter

---: Not established

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

NM: Not Measured

TDS: Total dissolved solids

PCE: Tetrachloroethylene

1,1,1-TCA: 1,1,1-Trichloroethane

TCE: Trichloroethene

1,1-DCA: 1,1-Dichloroethane

1,1-DCE: 1,1-Dichloroethene

cis-1,2-DCE: cis-1,2-Dichloroethene

trans-1,2-DCE: trans-1,2-Dichloroethene

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	
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	
AQ112712:1300NP4-1	11/27/2012	13:00	0.0190	0.0020	0.0054	ND	ND	0.0010	ND	0.0013	0.0018	0.0009	0.0019	0.0015	0.0009	ND	0.06	
AQ121212:1120NP4-1	12/12/2012	11:20	0.0240	0.0033	0.0110	ND	0.0047	0.0020	ND	0.0017	0.0610	0.0240	0.0033	0.0015	0.0012	ND	0.16	

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	
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	
AQ112712:1305NP4-2	11/27/2012	13:05	0.0420	0.0019	0.0130	ND	0.0037	0.0016	ND	0.0028	0.0050	0.0021	0.0028	0.0020	0.0016	ND	0.11	
AQ121212:1125NP4-2	12/12/2012	11:25	0.0350	ND	0.0110	ND	0.0030	0.0010	ND	0.0010	0.0087	0.0024	0.0022	0.0011	ND	ND	0.11	

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	
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	
AQ112712:1310NP4-3	11/27/2012	13:10	ND	ND	0.0150	ND	0.0043	0.0013	ND	0.0009	0.0018	ND	0.0031	0.0019	ND	ND	0.05	
AQ121212:1130NP4-3	12/12/2012	11:30	ND	ND	0.0120	ND	0.0031	ND	ND	ND	0.0050	0.0015	0.0022	0.0009	ND	ND	0.09	

PCE: Tetrachloroethane
DCA: 1,1-Dichloroethane
MC: Methylene Chloride

TCE: Trichloroethene
cis-DCE: cis-1,2-Dichloroethene
EB: Ethylbenzene

TCA: 1,1,1-Trichloroethane
trans-DCE: trans-1,2-Dichloroethylene

DCE: 1,1-Dichloroethene
CF: Chloroform

Note: NA - Not Applicable. Method blank contamination. The associated method blank contains the target analyte at a reportable level.

NS - Not Sampled
ND - Not Detected

B - Method blank contamination, the associated method blank contains the target analyte at a reportable level.

The air quality results summarized above are for the compounds listed in the FSP&T groundwater discharge permit. Low concentrations of additional compounds are accounted for in the Total VOCs column, however, are not listed.

TABLE 4

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

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	5	5	5	7	NE	5	5	5	5	NE	NE	5	5
RW-1	15-Sep-04	ND<1	ND<1	ND<1	2.8	ND<1	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	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	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	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	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	8-Feb-05	ND<1	ND<1	ND<1	4.6	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Mar-05	ND<1	ND<1	ND<1	2.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	19-Apr-05	ND<1	ND<1	ND<1	1.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	2-May-05	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	16-Jun-05	ND<1	ND<1	ND<1	4.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	RW-1 was shut down on July 13, 2005 with EPA approval.													
	14-Jul-05	ND<1	ND<1	ND<1	2.1	ND<1	ND<1	ND<1	ND<1	8.4*	ND<1	ND<1	3.3	1.3
	7-Mar-06	ND<1	ND<1	ND<1	5.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	19-Sep-06	ND<1	ND<1	ND<1	1.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	7-Mar-07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	3-Oct-07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	13-Mar-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Sep-08	ND<1	ND<1	ND<1	1.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	19-Mar-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	16-Sep-09	ND<1	ND<1	ND<1	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Mar-10	ND<1	ND<1	ND<1	0.63 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Sep-10	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	9-Mar-11	ND<1	ND<1	ND<1	0.60	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	ND<5	ND<5	0.84 J	ND<5	ND<5	ND<1	ND<1	7.1 B	ND<1	ND<5	ND<10	ND<5
	23-Mar-12	ND<0.5	ND<0.5	ND<0.5	1.3	ND<0.5	ND<0.5	ND<1	ND<0.5	0.75 J,B	0.11 J	ND<0.5	ND<2	ND<0.5
	20-Sep-12	ND<0.5	ND<0.5	ND<0.5	0.72	ND<0.5	ND<0.5	ND<1	ND<0.5	1.2 J,B	ND<1	ND<0.5	ND<2	ND<0.5
RW-2	11-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<2	ND<1
	17-Feb-11	0.55 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Mar-11	0.91 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	0.57 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	0.85 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	0.96 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	3.9 B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	0.97	0.18 J	0.74	0.17 J	ND<0.5	0.25 J	ND<0.5	ND<0.5	0.96 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	1.6	0.20 J	0.12 J	0.22 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.95 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	1.0	0.25 J	0.49 J	0.16 J	ND<0.5	0.11 J	ND<0.5	ND<0.5	0.44 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	0.64	0.22 J	0.41 J	0.13 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.27 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	0.84	0.28 J	0.45 J	0.15 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.42 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	0.81	0.16 J	0.11 J	0.12 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.93 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	0.58	0.18 J	0.25 J	0.16 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.46 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-May-12	0.57	0.19 J	0.27 J	0.17 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.8 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Jun-12	0.57	0.21 J	0.26 J	0.12 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.74 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	0.91	0.15 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Aug-12	0.53	0.21 J	0.23 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.56	0.17 J	0.34 J	ND<0.5
	18-Sep-12	0.52	0.25 J	0.25 J	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	0.66	0.34 J	0.30 J	0.11 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	1.3	0.43 J	0.17 J	0.11 J	ND<0.5	ND<0.5	0.65	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	1.3	0.66	0.24 J	ND<0.5	ND<0.5	ND<0.5	0.70	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5

TABLE 4

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

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	5	5	5	7	NE	5	5	5	5	NE	NE	5	5
RW-3 ^{3/}	11-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<2	ND<1
	17-Feb-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	0.93	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	7.0 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	0.16 J	0.59	0.19 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.70 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	0.16 J	0.81	0.22 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.66 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	0.17 J	0.87	0.33 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.53 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	0.20 J	1.0	0.33 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.33 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	0.23 J	0.90	0.33 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	0.19 J	0.81	0.27 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.92 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	0.12 J	0.52	0.16 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.48 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	0.64	0.53	0.18 J	ND<0.5	ND<0.5	ND<0.5	0.27 J	ND<0.5	2.5 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-3 was shut down on May 21, 2012 with EPA approval.													
	20-Jun-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.56 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.1 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Sep-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	0.10 J	0.18 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.28 J,B	ND<0.5	ND<0.5	0.22 J	ND<0.5
RW-4	11-Jan-11	0.5 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Feb-11	0.61 J	ND<1	0.76	ND<1	ND<1	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	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	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	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	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	0.92	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	1.1 J	ND<5	2.7	ND<5	ND<5	1.4 J	ND<5	ND<5	3.9 B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	1.1	0.14 J	3.9	0.15 J	ND<0.5	1.8	ND<0.5	0.17 J	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	1.5	0.22 J	1.8	0.15 J	ND<0.5	0.61	ND<0.5	ND<0.5	0.66 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	1.2	0.14 J	4.2	0.16 J	ND<0.5	1.6	ND<0.5	0.18 J	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	0.93	0.14 J	3.3	0.17 J	ND<0.5	1.4	ND<0.5	0.15 J	0.34 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	1.10	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
	27-Nov-12 ^{4/}	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12-Dec-12	0.96	0.14 J	2.1	0.24 J	ND<0.5	1.1	ND<0.5	ND<0.5	0.28 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5

TABLE 4

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

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	5	5	5	7	NE	5	5	5	5	NE	NE	5	5
RW-5 ^{3d}	11-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<2	ND<1
	17-Feb-11	ND<1	ND<1	1.3	ND<1	ND<1	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	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	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	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	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	0.6 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	0.6 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	ND<5	1.1 J	ND<5	ND<5	ND<5	ND<5	ND<5	4.8 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	0.12 J	ND<0.5	1.4	0.50	ND<0.5	0.51	ND<0.5	ND<0.5	0.45 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	ND<0.5	ND<0.5	ND<0.5	0.76	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.86 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	0.15 J	ND<0.5	0.97	0.54	ND<0.5	0.73	ND<0.5	ND<0.5	0.57 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	ND<0.5	ND<0.5	0.68	0.54	ND<0.5	0.43 J	ND<0.5	ND<0.5	0.35 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	ND<0.5	ND<0.5	0.76	0.66	ND<0.5	0.61	ND<0.5	ND<0.5	0.36 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	0.16 J	ND<0.5	0.12 J	0.65	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.1 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	ND<0.5	ND<0.5	0.46 J	0.51	ND<0.5	0.35 J	ND<0.5	ND<0.5	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	0.17 J	ND<0.5	0.49 J	0.53	ND<0.5	0.38 J	ND<0.5	ND<0.5	2.7 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-5 was shut down on May 23, 2012 with EPA approval.													
	20-Jun-12	ND<0.5	ND<0.5	ND<0.5	0.67	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.63 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	ND<0.5	ND<0.5	ND<0.5	0.70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	0.22 J	ND<0.5	ND<1	ND<0.5
	27-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.98	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Sep-12	ND<0.5	ND<0.5	ND<0.5	0.80	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	ND<0.5	ND<0.5	ND<0.5	0.89	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	ND<0.5	ND<0.5	ND<0.5	0.96	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	ND<0.5	ND<0.5	ND<0.5	0.96	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.26 J,B	ND<0.5	ND<0.5	0.37 J	0.12 J
RW-6	11-Jan-11	2.6	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-Feb-11	1.6	ND<1	0.7	ND<1	ND<1	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	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	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	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	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	1.0	ND<1	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	1.3	ND<1	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	3.6 J	ND<5	2.7 J	ND<5	ND<5	1.0 J	ND<5	ND<1	4.5 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	3.5	0.13 J	2.8	0.26 J	0.27 J	0.87	ND<0.5	0.19 J	0.37 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	4.2	0.13 J	3.4	0.35 J	0.35 J	1.1	ND<0.5	0.11 J	0.83 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	4.0	0.15 J	2.4	0.33 J	0.23 J	0.83	ND<0.5	0.17 J	0.49 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	2.8	0.12 J	2.3	0.28 J	ND<0.5	0.65	ND<0.5	0.15 J	0.35 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	3.2	0.11 J	2.6	0.28 J	ND<0.5	0.82	ND<0.5	0.19 J	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	3.2	0.12 J	2.7	0.22 J	0.25 J	0.86	ND<0.5	0.19 J	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	2.8	0.12 J	2.0	0.25 J	0.24 J	0.62	ND<0.5	0.13 J	0.46 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	2.9	0.13 J	2.1	0.31 J	ND<0.5	0.58	ND<0.5	0.14 J	2.8 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Jun-12	3.1	0.13 J	2.0	0.28 J	0.27 J	0.58	ND<0.5	0.14 J	0.84 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	3.1	0.13 J	2.2	0.25 J	ND<0.5	0.65	ND<0.5	0.14 J	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Aug-12	2.6	0.11 J	1.6	0.33 J	ND<0.5	0.57	ND<0.5	0.12 J	ND<2	0.59	0.26 J	0.31 J	ND<0.5
	18-Sep-12	2.8	0.13 J	1.5	0.36 J	ND<0.5	0.47 J	0.11 J	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	2.3	0.12 J	1.1	0.34 J	ND<0.5	0.35 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	2.2	0.10 J	1.2	0.35 J	ND<0.5	0.38 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	2.4	0.10 J	1.0	0.33 J	ND<0.5	0.36 J	ND<0.5	ND<0.5	0.30 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5

TABLE 4

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

Recovery Well Water Quality Results

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

TABLE 4

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

Recovery Well Water Quality Results

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

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

TCE: Trichloroethylene
NS: Not sampled

TCA: 1,1,1-Trichloroethane

ND: Not detected

<#: Less than method detection limit

ug/L: Micrograms per liter

-: Not analyzed

J: Analyte detected below quantitation limits, value shown is a laboratory estimate.

B: Analyte was found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

ARAR's are chemical specific aquifer restoration goals for ground water at the Former Rowe Industries Superfund Site.

NE indicates that the ARAR goal was not established for this compound by the EPA.

Bold values indicate an exceedence of the ARAR standard established for the site.

^{1/} Chloromethane, a constituent not previously detected, was detected in the groundwater sample collected from RW-9 at a concentration of 1.8 ug/l.

^{2/} RW-7 was not sampled because the RW-7 pump was not operable at the time of the sampling event.

^{3/} Starting in June 2012 groundwater samples from these recovery wells are collected via low-flow methods.

^{4/} RW-4 was not sampled because the well vault could not be opened due to ponding above the well vault caused by heavy rain fall.

TABLE 5

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

Recovery Well FRW-1 VOC Concentrations, micrograms per liter

FRW-1																			
Date	PCE	TCE	cis12DCE	T12DCE	VC	TCA	11DCA	135TMB	124TCB	124TMB	EB	Benzene	o-Xylenes	m-&p-Xylenes	Toluene	Napthalene	MC	Bromome thane	Acetone
ARARs	5	5	5	5	1 ^u	5	5	5 ^u	5 ^u	5 ^u	5	1 ^u	5	5	5	NE	5	5 ^u	NE
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
18-Dec-12	110	11	60	0.16 J	11	3.9	2.2	ND<0.5	ND<2	ND<0.5	0.23 J	0.18 J	0.12 J	0.24 J	0.31 J	ND<0.5	ND<2	ND<0.5	3.5 B

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
11DCA: 1,1-Dichloroethane
124TCB: 1,2,4-Trichlorobenzene
MC: Methylene chloride

TCE: Trichloroethene
12DCE: 1,1-Dichloroethylene
124TMB: 1,2,4-Trimethylbenzene
112TCA: 1,1,2-Trichloroethane

cis12DCE: cis-1,2-Dichloroethene
T12DCE: trans-1,2-Dichloroethylene
EB: Ethyl Benzene
VC: Vinyl chloride

TCA: 1,1,1-Trichloroethane
135TMB: 1,3,5-Trimethylbenzene
VC: Vinyl chloride

Comments:

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

TABLE 6

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

Recovery Well FRW-2 VOC Concentrations, micrograms per liter

FRW-2														
Date	PCE	TCE	cis12DCE	T12DCE	VC	TCA	11DCA	Toluene	Napthalene	Chloroform	EB	Benzene	MC	Acetone
ARARs	5	5	5	5	1 ¹¹	5	5	5	NE	7	5	1 ¹¹	5	NE
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	0.13 J	0.13 J	ND<2	0.44 J	0.31 J	0.31 J	ND<2	1.9 J,B
31-Oct-12	65	11	25	ND<2.5	ND<2.5	ND<2.5	ND<2.5	1.5 J	ND<10	ND<2.5	ND<2.5	ND<2.5	ND<10	ND<10
18-Dec-12	51	13	51	0.14 J	0.65	0.50	0.17 J	ND<0.5	ND<2	0.10 J	0.26 J	0.33 J	ND<2	31 B

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B: Method blank contamination, the associated method blank contains the target analyte at a reportable level.

ND: Not detected

PCE: Tetrachloroethylene
TCA: 1,1,1-Trichloroethane
MC: Methylene chloride

TCE: Trichloroethene
11DCA: 1,1-Dichloroethane
112TCA: 1,1,2-Trichloroethane

cis12DCE: cis-1,2-Dichloroethene
VC: Vinyl chloride

T12DCE: trans-1,2-Dichloroethylene
EB: Ethyl Benzene

Comments:

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

TABLE 7

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

Recovery Well FRW-3 VOC Concentrations, micrograms per liter

FRW-3																					
Date	PCE	TCE	cis12DCE	VC	11DCA	TCA	135TMB	IPB	NPB	o-Xylene	EB	m-&p-Xylenes	Toluene	Napthalene	p-IPT	SBB	TBB	MC	Benzene	n-Butylbenzene	Acetone
ARARs	5	5	5	1 "	5	5	5 "	5 "	5 "	5	5	5	5	10 "	NE	5 "		5			NE
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	ND<5	4.5 J,B	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	ND<5	4.6 J,B	ND<5	ND<5
8-Nov-11	36	0.78	3.0	ND<0.5	ND<0.5	0.22 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.75 J,B	ND<0.5	ND<0.5	ND<2
20-Dec-11	68	4.3	9.7	0.28 J	0.21 J	0.74	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.43 J,B	ND<0.5	ND<0.5	ND<2
24-Jan-12	23	1.7	12	0.64	ND<0.5	ND<0.5	ND<0.5	1.8	0.9	ND<0.5	0.12 J	ND<0.5	0.16 J	0.12 J,B	ND<0.5	ND<0.5	ND<0.5	0.34 J,B	ND<0.5	ND<0.5	ND<2
14-Feb-12	22	1.3	3.4	0.33 J	ND<0.5	ND<0.5	0.27 J	1.8	1.4	ND<0.5	0.10 J	0.15 J	0.10 J	0.19 J,B	ND<0.5	ND<0.5	ND<0.5	0.38 J,B	ND<0.5	ND<0.5	ND<2
19-Mar-12	12	1.1	4.0	0.14 J	ND<0.5	ND<0.5	0.19 J	1.7	0.97	ND<0.5	0.18 J	0.15 J	0.11 J	0.12 J	0.17 J	0.11 J	ND<0.5	1.5 J,B	ND<0.5	ND<0.5	ND<2
10-Apr-12	23	1.0	5.3	0.16 J	ND<0.5	ND<0.5	0.18 J	1.6	0.99	ND<0.5	ND<0.5	0.12 J	ND<0.5	0.13 J	0.20 J	0.11 J	ND<0.5	0.47 J	ND<0.5	ND<0.5	ND<2
The FRWs were shut down on April 19, 2012																					
17-May-12	31	5.5	31	1.3	0.20 J	0.18 J	ND<0.5	1.6	1.2	ND<0.5	0.11 J	0.11 J	0.21 J	0.14 J,B	0.14 J	0.10 J	ND<0.5	2.8 B	ND<0.5	ND<0.5	2.6 B
The FRWs were restarted on June 7, 2012																					
20-Jun-12	65	2.5	2.9	ND<0.5	ND<0.5	0.30 J	0.15 J	2.0	1.3	0.13 J	0.15 J	0.15 J	0.11 J	0.16 J,B	0.22 J	0.14 J	ND<0.5	6.5 B	ND<0.5	ND<0.5	ND<2
10-Jul-12	23	4.2	3.1	0.26 J	ND<0.5	ND<0.5	0.17 J	1.8	1.3	ND<0.5	0.12 J	0.14 J	0.12 J	0.12 J,B	0.20 J	0.12 J	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<2
The FRWs were shut down on July 30, 2012																					
21-Aug-12	32	8.2	41	1.0	0.20 J	0.39 J	ND<0.5	0.70	0.46 J	ND<0.5	ND<0.5	ND<0.5	0.12 J	0.53 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<2
4-Sep-12	34	6.6	34	ND<0.5	0.14 J	0.35 J	0.16 J	2.1	2.1	ND<0.5	ND<0.5	ND<0.5	0.43 J	0.12 J,B	0.18 J	0.17 J	0.12 J	0.27 J,B	0.26 J	0.13 J	2.0 B
19-Sep-12	15	4.6	45	0.92	0.14 J	0.29 J	ND<0.5	0.53	0.16 J	ND<0.5	ND<0.5	ND<0.5	0.15 J	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<2	0.22 J	ND<0.5	2.7 B
31-Oct-12	25	8.8	37	1.5	0.22 J	0.36 J	ND<1	0.68	0.3 J	ND<1	ND<1	ND<1	0.22 J	ND<4	ND<1	ND<1	ND<1	ND<4	0.44 J	ND<1	ND<4
18-Dec-12	46	10	25	1.7	0.30 J	0.43 J	ND<0.5	0.74	0.34 J	0.11 J	ND<0.5	0.23 J	0.13 J	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<2	0.49 J	ND<0.5	2.1

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

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 ^U	5	5 ^U	5 ^U	5 ^U	5	5	NE	5		NE
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<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
18-Dec-12	0.36 J	0.13 J	1.1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.29 J	0.14 J	ND<2	ND<2	ND<0.5	1.3 J,B

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

1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.

J : Analyte detected below quantitation limits, value shown is a laboratory estimate.

B: Method blank contamination, the associated method blank contains the target analyte at a reportable level.

ND: Not detected

PCE: Tetrachloroethylene
IPB: Isopropylbenzene
MC: Methylene Chloride

TCE: Trichloroethene
NPB: n-Propylbenzene

cis12DCE: cis-1,2-Dichloroethene
NBB: n-Butylbenzene

TCA: 1,1,1-Trichloroethane
VC: Vinyl Chloride

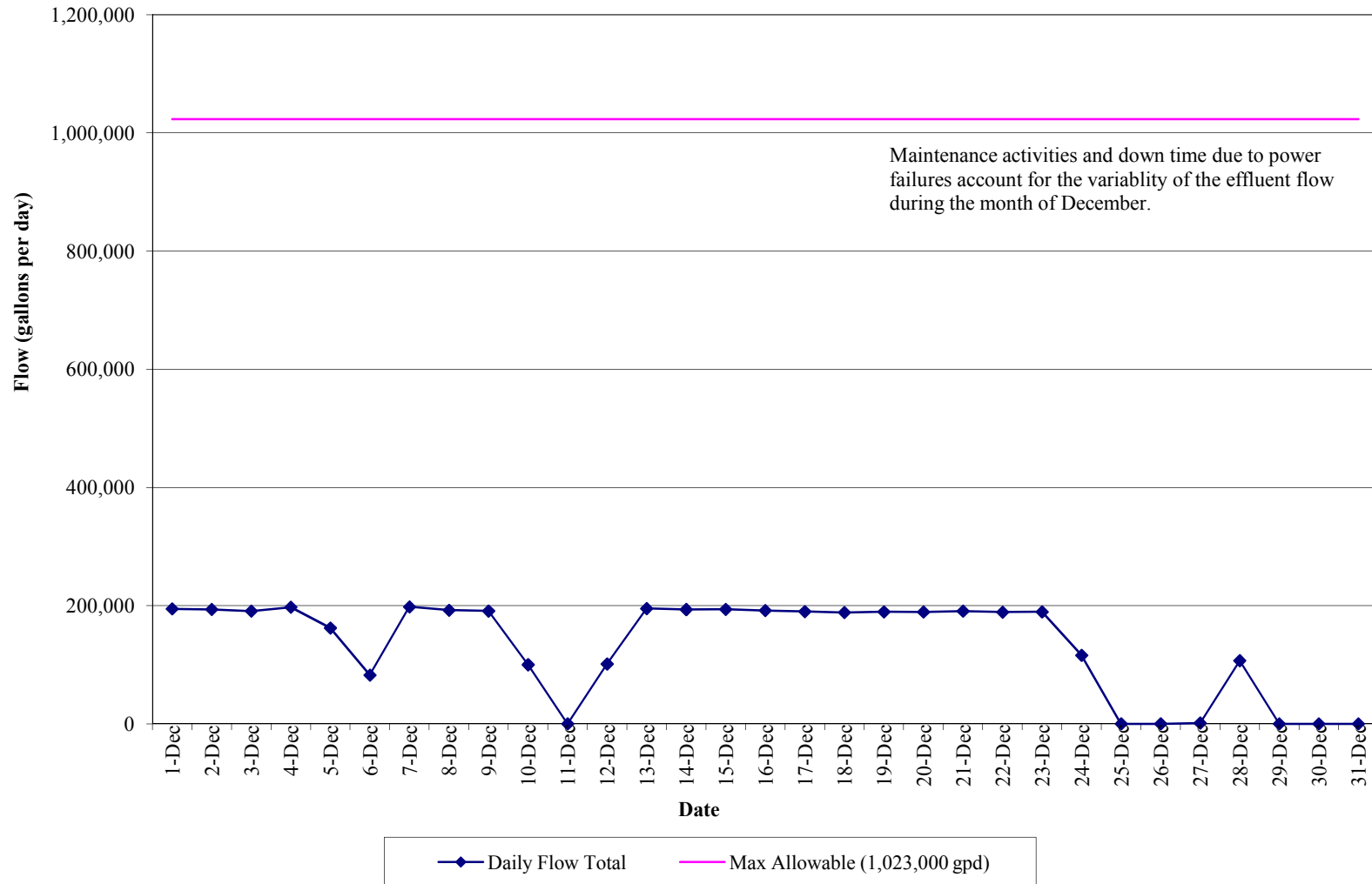
Comments:

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

GRAPHS

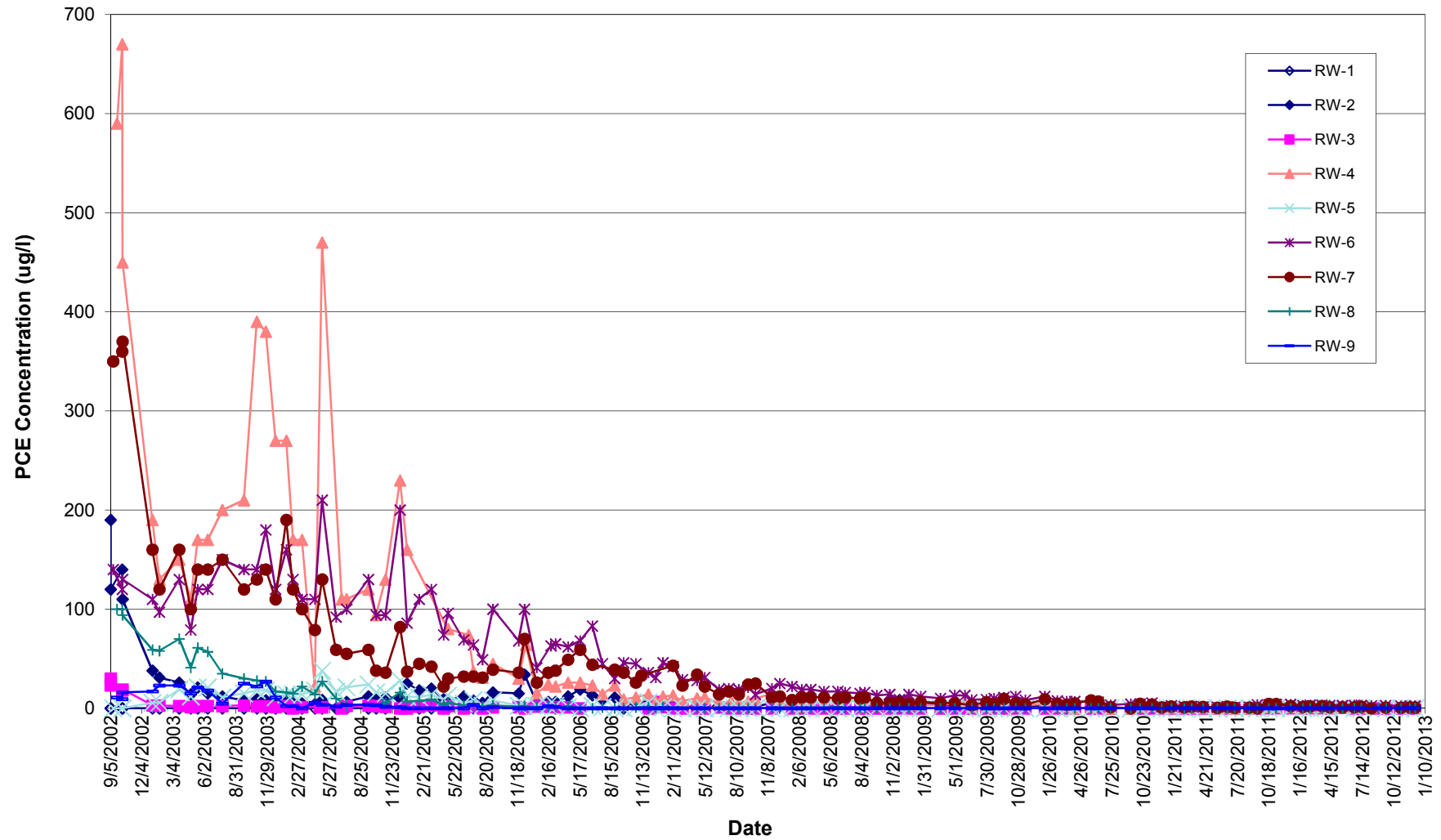
GRAPH 1
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

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



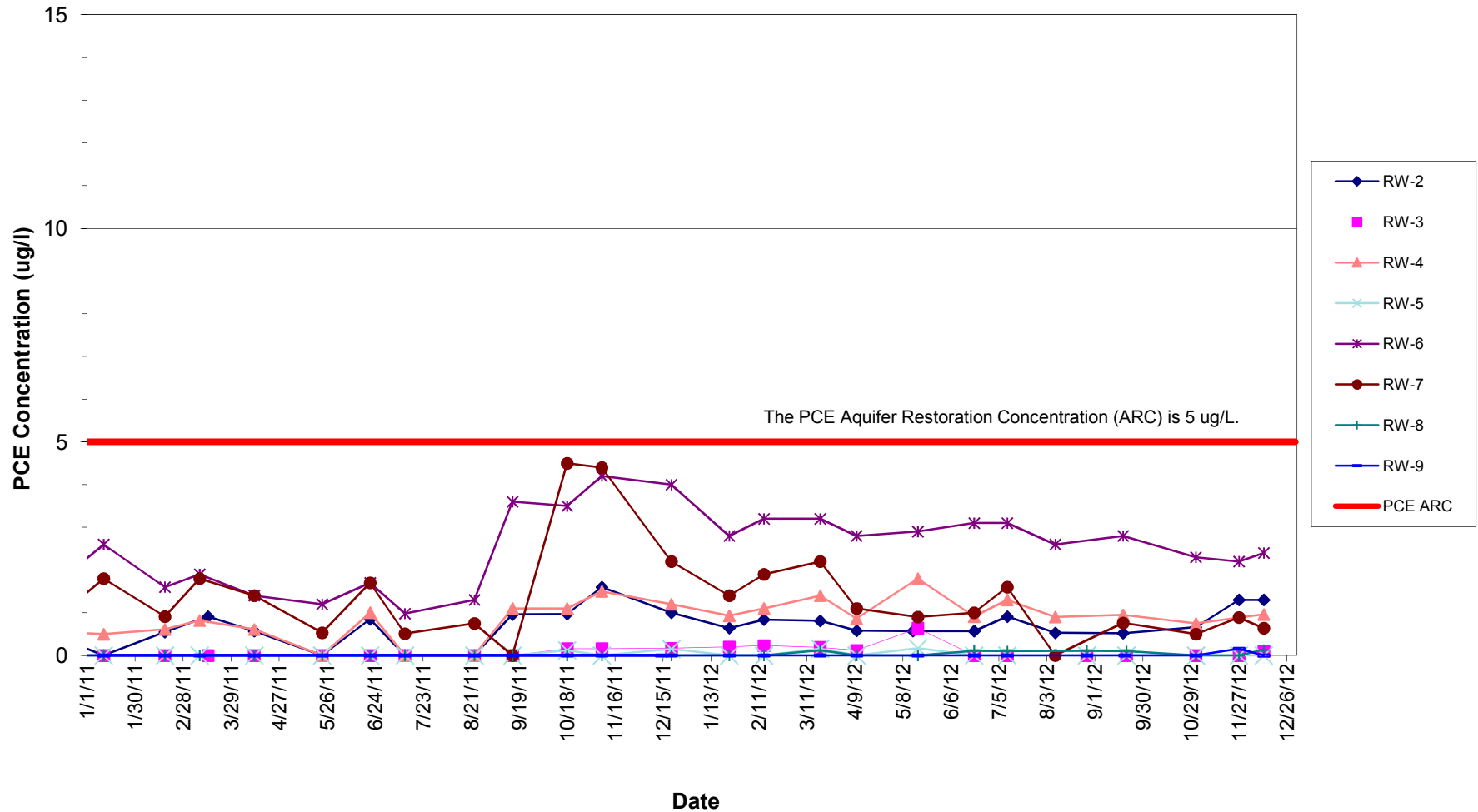
GRAPH 2 **GROUNDWATER REMEDIAL ACTION** **ROWE INDUSTRIES SUPERFUND SITE** **SAG HARBOR, NEW YORK**

FSP&T Recovery Well PCE Concentration in Micrograms per Liter



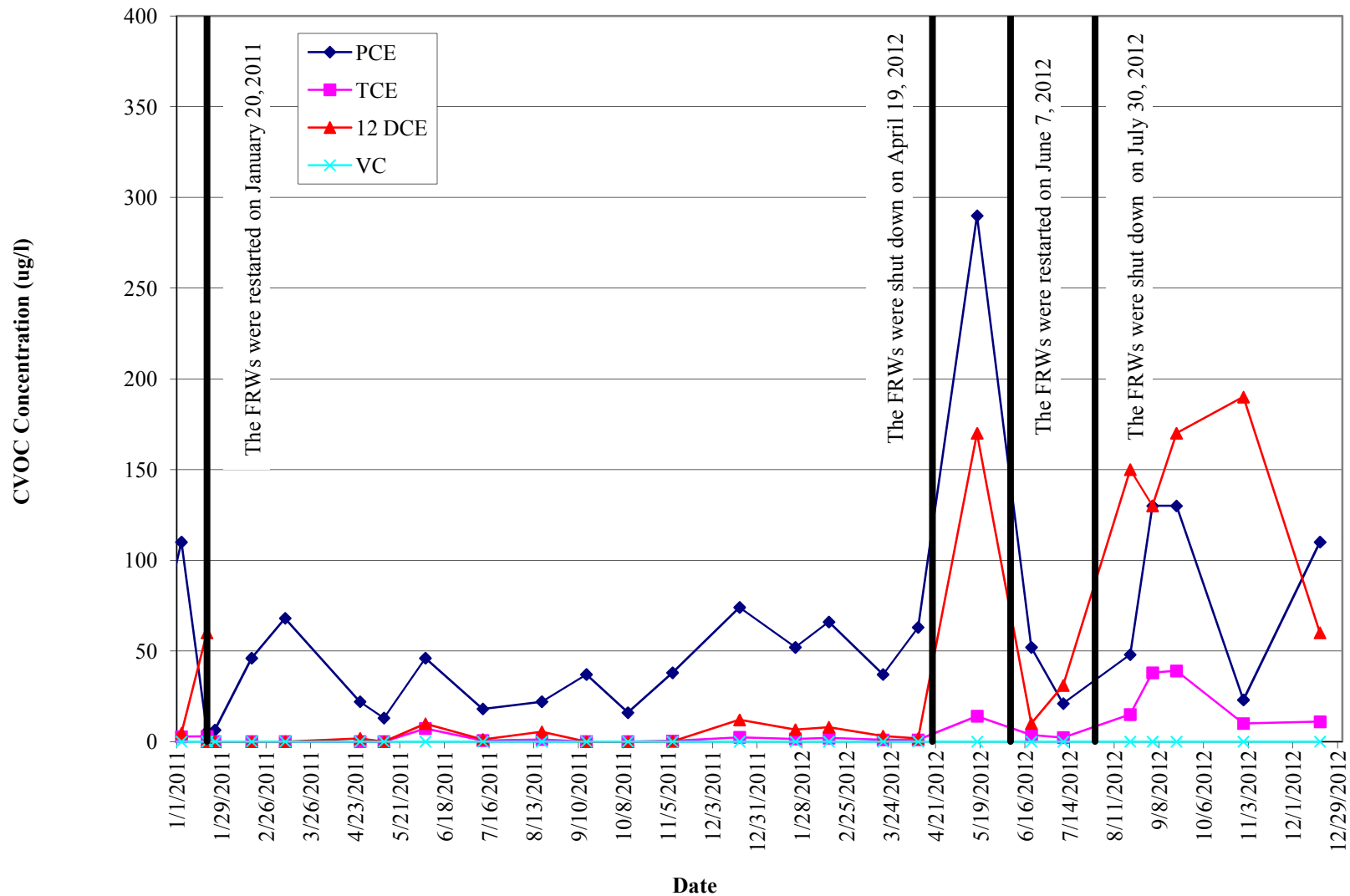
GRAPH 3 **GROUNDWATER REMEDIAL ACTION** **ROWE INDUSTRIES SUPERFUND SITE** **SAG HARBOR, NEW YORK**

FSP&T Recovery Well PCE Concentration



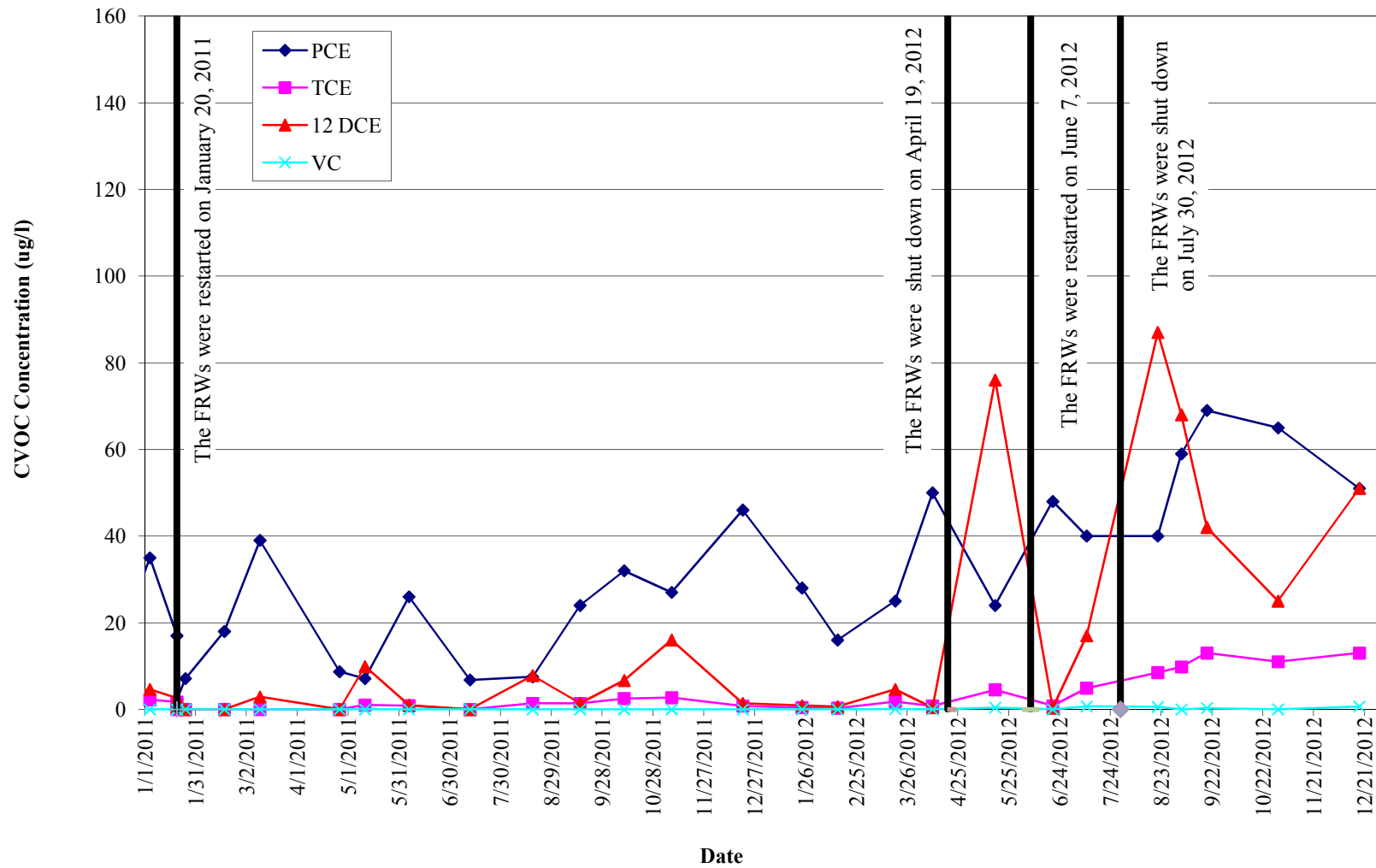
GRAPH 4
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-1



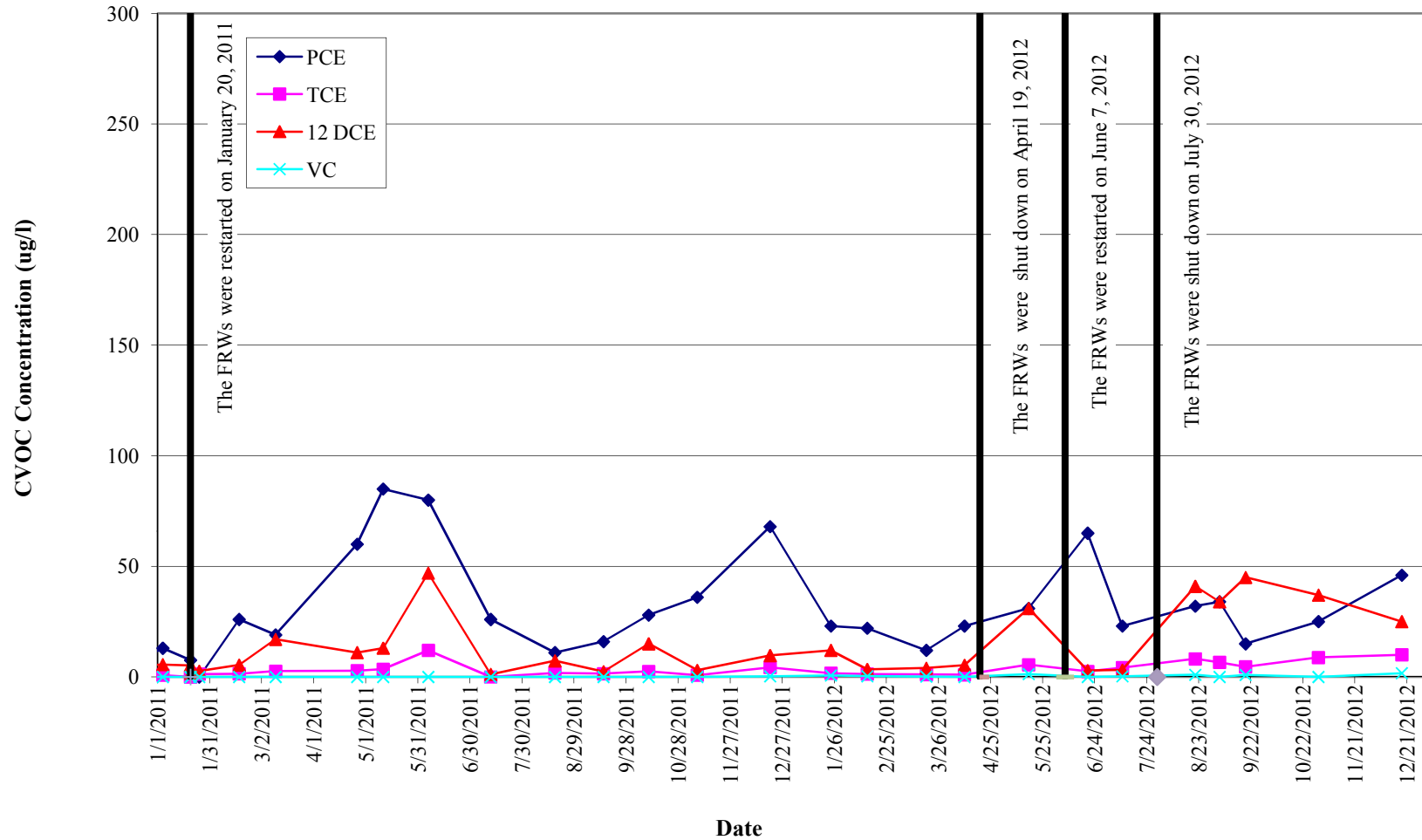
GRAPH 5
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-2



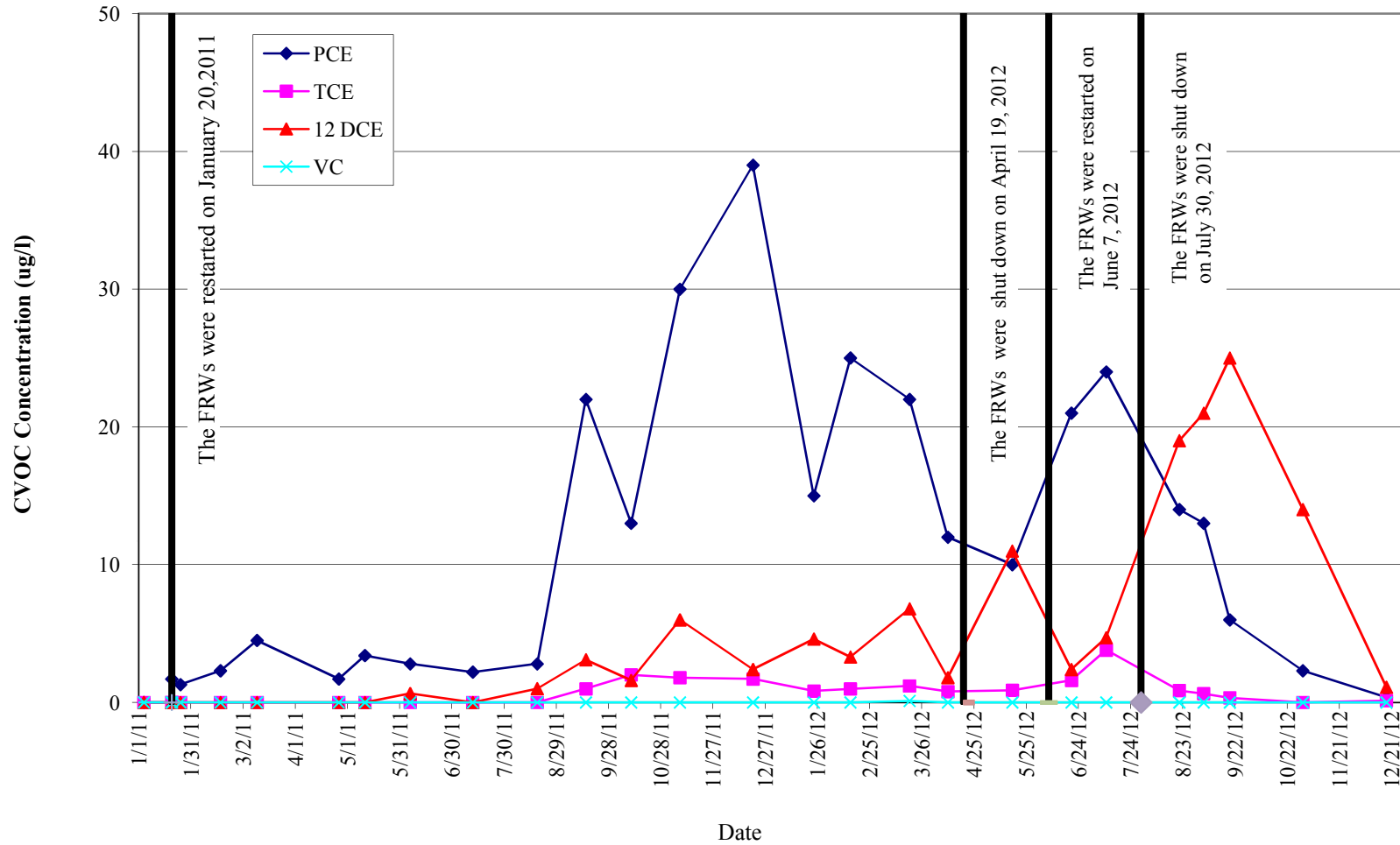
GRAPH 6
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-3



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

FP&T Recovery Well VOC Concentrations for FRW-4



APPENDIX I
DECEMBER 2012 LABORATORY ANALYTICAL REPORTS
FOR FSP&T SYSTEM

Technical Report

prepared for:

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

Report Date: 12/14/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12L0150

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 12/14/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12L0150

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 December 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12L0150-01	WQ120312:1050NP2-6	Water	12/03/2012	12/05/2012
12L0150-02	WQ120312:1055NP2-7	Water	12/03/2012	12/05/2012
12L0151-01	WQ120312:1100NP2-10	Water	12/03/2012	12/05/2012

General Notes for York Project (SDG) No.: 12L0150

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:



Robert Q. Bradley
Laboratory Director

Date: 12/14/2012

YORK

Sample Information

Client Sample ID: WQ120312:1050NP2-6

York Sample ID: 12L0150-01

York Project (SDG) No.

12L0150

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

December 3, 2012 10:50 am

Date Received

12/05/2012

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	12/07/2012 16:00	12/08/2012 02:02	SS
71-55-6	1,1,1-Trichloroethane	0.55		ug/L	0.024	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
75-34-3	1,1-Dichloroethane	0.27	J	ug/L	0.044	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS

Sample Information

Client Sample ID: WQ120312:1050NP2-6

York Sample ID: 12L0150-01

York Project (SDG) No.
12L0150

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 3, 2012 10:50 am

Date Received
12/05/2012

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	12/07/2012 16:00	12/08/2012 02:02	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
67-66-3	Chloroform	0.23	J	ug/L	0.079	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
156-59-2	cis-1,2-Dichloroethylene	0.18	J	ug/L	0.069	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
75-09-2	Methylene chloride	0.47	J	ug/L	0.26	2.0	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
127-18-4	Tetrachloroethylene	0.98		ug/L	0.070	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
79-01-6	Trichloroethylene	0.13	J	ug/L	0.071	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:02	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.7 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	99.9 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	98.5 %	81.2-127								

Sample Information

Client Sample ID: WQ120312:1050NP2-6

York Sample ID: 12L0150-01

York Project (SDG) No.
12L0150

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 3, 2012 10:50 am

Date Received
12/05/2012

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	12/10/2012 15:43	12/10/2012 18:16	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	1.78		mg/L	0.0100	0.0200	1	EPA 200.7	12/10/2012 15:43	12/10/2012 18:21	MW

Sample Information

Client Sample ID: WQ120312:1055NP2-7

York Sample ID: 12L0150-02

York Project (SDG) No.
12L0150

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 3, 2012 10:55 am

Date Received
12/05/2012

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	12/07/2012 16:00	12/08/2012 02:39	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS

Sample Information

Client Sample ID: WQ120312:1055NP2-7

York Sample ID: 12L0150-02

York Project (SDG) No.
12L0150

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 3, 2012 10:55 am

Date Received
12/05/2012

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	12/07/2012 16:00	12/08/2012 02:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
75-09-2	Methylene chloride	0.63	J	ug/L	0.26	2.0	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS

Sample Information

Client Sample ID: WQ120312:1055NP2-7

York Sample ID: 12L0150-02

<u>York Project (SDG) No.</u> 12L0150	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> December 3, 2012 10:55 am	<u>Date Received</u> 12/05/2012
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Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	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	12/07/2012 16:00	12/08/2012 02:39	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/07/2012 16:00	12/08/2012 02:39	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.8 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	100 %	81.2-127								

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	12/10/2012 15:43	12/10/2012 18:26	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	3.96		mg/L	0.0100	0.0200	1	EPA 200.7	12/10/2012 15:43	12/10/2012 18:31	MW

Sample Information

Client Sample ID: WQ120312:1100NP2-10

York Sample ID: 12L0151-01

<u>York Project (SDG) No.</u> 12L0151	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> December 3, 2012 11:00 am	<u>Date Received</u> 12/05/2012
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Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	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	12/07/2012 11:20	12/07/2012 18:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS

Sample Information

Client Sample ID: WQ120312:1100NP2-10

York Sample ID: 12L0151-01

York Project (SDG) No.
12L0151

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 3, 2012 11:00 am

Date Received
12/05/2012

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	12/07/2012 11:20	12/07/2012 18:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
67-64-1	Acetone	1.2	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
71-43-2	Benzene	0.16	J	ug/L	0.044	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS

Sample Information

Client Sample ID: WQ120312:1100NP2-10

York Sample ID: 12L0151-01

York Project (SDG) No.
12L0151

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 3, 2012 11:00 am

Date Received
12/05/2012

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	12/07/2012 11:20	12/07/2012 18:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
75-09-2	Methylene chloride	0.99	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
91-20-3	Naphthalene	0.18	J	ug/L	0.090	2.0	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/07/2012 11:20	12/07/2012 18:50	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	71.2 %	S-04	72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	103 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	106 %		81.2-127							

Sample Information

Client Sample ID: WQ120312:1100NP2-10

York Sample ID: 12L0151-01

York Project (SDG) No.
12L0151

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 3, 2012 11:00 am

Date Received
12/05/2012

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	0.0563		mg/L	0.0100	0.0200	1	EPA SW846-6010B	12/10/2012 15:43	12/10/2012 18:36	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	20.3		mg/L	0.0100	0.0200	1	EPA 200.7	12/10/2012 15:43	12/10/2012 19:04	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	135		mg/L	1.00	1.00	1	SM 2540C	12/10/2012 08:49	12/10/2012 08:49	ALD

Analytical Batch Summary

Batch ID: BL20246 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
12L0151-01	WQ120312:1100NP2-10	12/07/12
BL20246-BLK1	Blank	12/07/12
BL20246-BS1	LCS	12/07/12
BL20246-BSD1	LCS Dup	12/07/12

Batch ID: BL20292 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12L0151-01	WQ120312:1100NP2-10	12/10/12
BL20292-BLK1	Blank	12/10/12
BL20292-DUP1	Duplicate	12/10/12

Batch ID: BL20298 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12L0150-01	WQ120312:1050NP2-6	12/07/12
12L0150-02	WQ120312:1055NP2-7	12/07/12
BL20298-BLK1	Blank	12/07/12
BL20298-BS1	LCS	12/07/12
BL20298-BSD1	LCS Dup	12/07/12

Batch ID: BL20359 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12L0150-01	WQ120312:1050NP2-6	12/10/12
12L0150-01	WQ120312:1050NP2-6	12/10/12
12L0150-02	WQ120312:1055NP2-7	12/10/12
12L0150-02	WQ120312:1055NP2-7	12/10/12
12L0151-01	WQ120312:1100NP2-10	12/10/12
12L0151-01	WQ120312:1100NP2-10	12/10/12
BL20359-BLK1	Blank	12/10/12
BL20359-BLK1	Blank	12/10/12
BL20359-DUP1	Duplicate	12/10/12
BL20359-DUP1	Duplicate	12/10/12
BL20359-MS1	Matrix Spike	12/10/12
BL20359-MS1	Matrix Spike	12/10/12
BL20359-SRM1	Reference	12/10/12
BL20359-SRM1	Reference	12/10/12

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
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Batch BL20246 - EPA 5030B

Blank (BL20246-BLK1)

Prepared & Analyzed: 12/07/2012

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	4.6	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	3.0	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 BL20246 - EPA 5030B											
Blank (BL20246-BLK1)						Prepared & Analyzed: 12/07/2012					
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	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>7.59</i>		<i>"</i>	<i>10.0</i>		<i>75.9</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.7</i>		<i>"</i>	<i>10.0</i>		<i>107</i>	<i>81.2-127</i>				
LCS (BL20246-BS1)						Prepared & Analyzed: 12/07/2012					
1,1,1,2-Tetrachloroethane	11.3		ug/L	10.0		113	82.3-130				
1,1,1-Trichloroethane	9.72		"	10.0		97.2	75.6-137				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.81		"	10.0		98.1	71.1-129				
1,1,2-Trichloroethane	10.9		"	10.0		109	74.5-129				
1,1-Dichloroethane	9.61		"	10.0		96.1	79.6-132				
1,1-Dichloroethylene	9.10		"	10.0		91.0	80.2-146				
1,1-Dichloropropylene	8.87		"	10.0		88.7	75-136				
1,2,3-Trichlorobenzene	10.2		"	10.0		102	66.1-136				
1,2,3-Trichloropropane	10.8		"	10.0		108	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	11.0		"	10.0		110	58.9-140				
1,2-Dibromoethane	11.1		"	10.0		111	79-130				
1,2-Dichlorobenzene	10.3		"	10.0		103	76.1-122				
1,2-Dichloroethane	9.56		"	10.0		95.6	74.6-132				
1,2-Dichloropropane	10.6		"	10.0		106	76.9-129				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	70.6-127				
1,3-Dichlorobenzene	10.3		"	10.0		103	77-124				
1,3-Dichloropropane	11.1		"	10.0		111	75.8-126				
1,4-Dichlorobenzene	10.3		"	10.0		103	76.6-125				
2,2-Dichloropropane	8.33		"	10.0		83.3	69-133				
2-Chlorotoluene	10.9		"	10.0		109	66.3-119				
2-Hexanone	12.0		"	10.0		120	70-130				
4-Chlorotoluene	10.0		"	10.0		100	69.2-127				
Acetone	7.99		"	10.0		79.9	70-130				
Benzene	9.73		"	10.0		97.3	76.2-129				
Bromobenzene	11.4		"	10.0		114	71.3-123				
Bromochloromethane	8.92		"	10.0		89.2	70.8-137				
Bromodichloromethane	11.2		"	10.0		112	79.7-134				
Bromoform	12.5		"	10.0		125	70.5-141				
Bromomethane	8.65		"	10.0		86.5	43.9-147				
Carbon tetrachloride	9.88		"	10.0		98.8	78.1-138				
Chlorobenzene	10.5		"	10.0		105	80.4-125				
Chloroethane	9.38		"	10.0		93.8	55.8-140				
Chloroform	9.45		"	10.0		94.5	76.6-133				
Chloromethane	6.47		"	10.0		64.7	48.8-115				
cis-1,2-Dichloroethylene	9.56		"	10.0		95.6	75.1-128				
cis-1,3-Dichloropropylene	11.2		"	10.0		112	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
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Batch BL20246 - EPA 5030B

LCS (BL20246-BS1)

Prepared & Analyzed: 12/07/2012

Dibromochloromethane	12.0		ug/L	10.0		120	79.8-134				
Dibromomethane	11.0		"	10.0		110	79-130				
Dichlorodifluoromethane	4.31		"	10.0		43.1	47.1-101	Low Bias			
Ethyl Benzene	10.8		"	10.0		108	80.8-128				
Hexachlorobutadiene	10.3		"	10.0		103	64.8-128				
Isopropylbenzene	10.2		"	10.0		102	75.5-135				
Methyl tert-butyl ether (MTBE)	9.39		"	10.0		93.9	65.1-140				
Methylene chloride	6.99		"	10.0		69.9	61.3-120				
Naphthalene	9.72		"	10.0		97.2	62.3-148				
n-Butylbenzene	10.4		"	10.0		104	67.2-123				
n-Propylbenzene	10.4		"	10.0		104	70.5-127				
o-Xylene	10.3		"	10.0		103	75.9-122				
p- & m- Xylenes	21.1		"	20.0		105	77.7-127				
p-Isopropyltoluene	10.5		"	10.0		105	75.6-129				
sec-Butylbenzene	10.5		"	10.0		105	71.5-125				
Styrene	10.8		"	10.0		108	77.8-123				
tert-Butylbenzene	11.6		"	10.0		116	75.9-151				
Tetrachloroethylene	9.77		"	10.0		97.7	63.6-167				
Toluene	10.4		"	10.0		104	77-123				
trans-1,2-Dichloroethylene	9.15		"	10.0		91.5	76.3-139				
trans-1,3-Dichloropropylene	10.7		"	10.0		107	72.5-137				
Trichloroethylene	10.2		"	10.0		102	77.9-130				
Trichlorofluoromethane	9.21		"	10.0		92.1	57.4-133				
Vinyl Chloride	7.56		"	10.0		75.6	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	8.77		"	10.0		87.7	72.6-129				
<i>Surrogate: p-Bromofluorobenzene</i>	9.62		"	10.0		96.2	63.5-145				
<i>Surrogate: Toluene-d8</i>	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 BL20246 - EPA 5030B											
LCS Dup (BL20246-BSD1)						Prepared & Analyzed: 12/07/2012					
1,1,1,2-Tetrachloroethane	11.3		ug/L	10.0		113	82.3-130		0.0883	21.1	
1,1,1-Trichloroethane	9.96		"	10.0		99.6	75.6-137		2.44	19.7	
1,1,2,2-Tetrachloroethane	11.3		"	10.0		113	71.3-131		4.33	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.93		"	10.0		99.3	71.1-129		1.22	21.7	
1,1,2-Trichloroethane	10.5		"	10.0		105	74.5-129		4.49	20.3	
1,1-Dichloroethane	9.71		"	10.0		97.1	79.6-132		1.04	20.6	
1,1-Dichloroethylene	9.00		"	10.0		90.0	80.2-146		1.10	20	
1,1-Dichloropropylene	9.05		"	10.0		90.5	75-136		2.01	19.3	
1,2,3-Trichlorobenzene	10.8		"	10.0		108	66.1-136		6.19	21.6	
1,2,3-Trichloropropane	10.9		"	10.0		109	63-131		0.368	23.9	
1,2,4-Trichlorobenzene	10.7		"	10.0		107	70.6-136		3.92	21.7	
1,2,4-Trimethylbenzene	10.8		"	10.0		108	75.3-135		7.13	18.8	
1,2-Dibromo-3-chloropropane	11.3		"	10.0		113	58.9-140		2.97	27.7	
1,2-Dibromoethane	10.9		"	10.0		109	79-130		2.19	23	
1,2-Dichlorobenzene	11.1		"	10.0		111	76.1-122		7.30	19.8	
1,2-Dichloroethane	8.42		"	10.0		84.2	74.6-132		12.7	20.2	
1,2-Dichloropropane	10.6		"	10.0		106	76.9-129		0.567	20.7	
1,3,5-Trimethylbenzene	11.0		"	10.0		110	70.6-127		6.84	18.9	
1,3-Dichlorobenzene	11.3		"	10.0		113	77-124		9.54	19.2	
1,3-Dichloropropane	10.8		"	10.0		108	75.8-126		2.93	22.1	
1,4-Dichlorobenzene	10.8		"	10.0		108	76.6-125		5.10	18.6	
2,2-Dichloropropane	10.0		"	10.0		100	69-133		18.4	19.8	
2-Chlorotoluene	11.6		"	10.0		116	66.3-119		6.29	21.6	
2-Hexanone	10.9		"	10.0		109	70-130		9.62	30	
4-Chlorotoluene	10.9		"	10.0		109	69.2-127		8.03	19	
Acetone	6.49		"	10.0		64.9	70-130	Low Bias	20.7	30	
Benzene	9.77		"	10.0		97.7	76.2-129		0.410	19	
Bromobenzene	12.4		"	10.0		124	71.3-123	High Bias	8.34	20.3	
Bromochloromethane	8.80		"	10.0		88.0	70.8-137		1.35	23.9	
Bromodichloromethane	11.1		"	10.0		111	79.7-134		0.894	21	
Bromoform	12.7		"	10.0		127	70.5-141		1.27	21.8	
Bromomethane	8.61		"	10.0		86.1	43.9-147		0.464	28.4	
Carbon tetrachloride	9.98		"	10.0		99.8	78.1-138		1.01	20.1	
Chlorobenzene	10.8		"	10.0		108	80.4-125		2.16	19.9	
Chloroethane	8.68		"	10.0		86.8	55.8-140		7.75	23.3	
Chloroform	9.51		"	10.0		95.1	76.6-133		0.633	20.3	
Chloromethane	6.52		"	10.0		65.2	48.8-115		0.770	24.5	
cis-1,2-Dichloroethylene	9.46		"	10.0		94.6	75.1-128		1.05	20.5	
cis-1,3-Dichloropropylene	12.0		"	10.0		120	74.5-128		6.75	19.9	
Dibromochloromethane	11.8		"	10.0		118	79.8-134		1.94	21.3	
Dibromomethane	10.9		"	10.0		109	79-130		0.912	22.4	
Dichlorodifluoromethane	4.42		"	10.0		44.2	47.1-101	Low Bias	2.52	23.9	
Ethyl Benzene	10.9		"	10.0		109	80.8-128		1.48	19.2	
Hexachlorobutadiene	11.3		"	10.0		113	64.8-128		9.23	20.6	
Isopropylbenzene	11.2		"	10.0		112	75.5-135		9.17	20	
Methyl tert-butyl ether (MTBE)	9.84		"	10.0		98.4	65.1-140		4.68	23.6	
Methylene chloride	6.82		"	10.0		68.2	61.3-120		2.46	20.4	
Naphthalene	9.82		"	10.0		98.2	62.3-148		1.02	27.1	
n-Butylbenzene	11.2		"	10.0		112	67.2-123		7.68	19.1	
n-Propylbenzene	11.4		"	10.0		114	70.5-127		9.11	23.4	
o-Xylene	10.4		"	10.0		104	75.9-122		1.16	19.3	
p- & m- Xylenes	21.1		"	20.0		105	77.7-127		0.0475	18.6	
p-Isopropyltoluene	11.4		"	10.0		114	75.6-129		8.37	19.1	
sec-Butylbenzene	11.4		"	10.0		114	71.5-125		8.39	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
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Batch BL20246 - EPA 5030B

LCS Dup (BL20246-BSD1)

Prepared & Analyzed: 12/07/2012

Styrene	10.7		ug/L	10.0		107	77.8-123		1.40	20.9	
tert-Butylbenzene	12.9		"	10.0		129	75.9-151		9.96	20.9	
Tetrachloroethylene	10.1		"	10.0		101	63.6-167		3.52	27.7	
Toluene	10.7		"	10.0		107	77-123		3.14	18.7	
trans-1,2-Dichloroethylene	9.24		"	10.0		92.4	76.3-139		0.979	19.5	
trans-1,3-Dichloropropylene	11.6		"	10.0		116	72.5-137		8.60	19.3	
Trichloroethylene	10.7		"	10.0		107	77.9-130		4.99	20.5	
Trichlorofluoromethane	9.39		"	10.0		93.9	57.4-133		1.94	21.4	
Vinyl Chloride	7.56		"	10.0		75.6	54.9-124		0.00	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>7.10</i>		<i>"</i>	<i>10.0</i>		<i>71.0</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>81.2-127</i>				

Batch BL20298 - EPA 5030B

Blank (BL20298-BLK1)

Prepared & Analyzed: 12/07/2012

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
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Batch BL20298 - EPA 5030B

Blank (BL20298-BLK1)

Prepared & Analyzed: 12/07/2012

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	9.96		"	10.0		99.6	72.6-129				
Surrogate: p-Bromofluorobenzene	9.87		"	10.0		98.7	63.5-145				
Surrogate: Toluene-d8	9.99		"	10.0		99.9	81.2-127				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result		Limits			Limit	
Batch BL20298 - EPA 5030B											
LCS (BL20298-BS1)				Prepared & Analyzed: 12/07/2012							
1,1,1,2-Tetrachloroethane	9.43		ug/L	10.0		94.3	82.3-130				
1,1,1-Trichloroethane	9.55		"	10.0		95.5	75.6-137				
1,1,2,2-Tetrachloroethane	9.25		"	10.0		92.5	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	9.24		"	10.0		92.4	74.5-129				
1,1-Dichloroethane	9.58		"	10.0		95.8	79.6-132				
1,1-Dichloroethylene	9.83		"	10.0		98.3	80.2-146				
1,1-Dichloropropylene	9.01		"	10.0		90.1	75-136				
1,2,3-Trichlorobenzene	11.1		"	10.0		111	66.1-136				
1,2,3-Trichloropropane	8.66		"	10.0		86.6	63-131				
1,2,4-Trichlorobenzene	11.1		"	10.0		111	70.6-136				
1,2,4-Trimethylbenzene	7.95		"	10.0		79.5	75.3-135				
1,2-Dibromo-3-chloropropane	10.8		"	10.0		108	58.9-140				
1,2-Dibromoethane	9.44		"	10.0		94.4	79-130				
1,2-Dichlorobenzene	9.11		"	10.0		91.1	76.1-122				
1,2-Dichloroethane	9.48		"	10.0		94.8	74.6-132				
1,2-Dichloropropane	9.38		"	10.0		93.8	76.9-129				
1,3,5-Trimethylbenzene	8.58		"	10.0		85.8	70.6-127				
1,3-Dichlorobenzene	9.16		"	10.0		91.6	77-124				
1,3-Dichloropropane	9.26		"	10.0		92.6	75.8-126				
1,4-Dichlorobenzene	9.15		"	10.0		91.5	76.6-125				
2,2-Dichloropropane	7.93		"	10.0		79.3	69-133				
2-Chlorotoluene	8.80		"	10.0		88.0	66.3-119				
2-Hexanone	10.4		"	10.0		104	70-130				
4-Chlorotoluene	8.80		"	10.0		88.0	69.2-127				
Acetone	7.10		"	10.0		71.0	70-130				
Benzene	9.44		"	10.0		94.4	76.2-129				
Bromobenzene	8.97		"	10.0		89.7	71.3-123				
Bromochloromethane	9.70		"	10.0		97.0	70.8-137				
Bromodichloromethane	9.37		"	10.0		93.7	79.7-134				
Bromoform	9.21		"	10.0		92.1	70.5-141				
Bromomethane	8.94		"	10.0		89.4	43.9-147				
Carbon tetrachloride	9.64		"	10.0		96.4	78.1-138				
Chlorobenzene	9.25		"	10.0		92.5	80.4-125				
Chloroethane	9.62		"	10.0		96.2	55.8-140				
Chloroform	9.15		"	10.0		91.5	76.6-133				
Chloromethane	9.17		"	10.0		91.7	48.8-115				
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	75.1-128				
cis-1,3-Dichloropropylene	9.47		"	10.0		94.7	74.5-128				
Dibromochloromethane	9.89		"	10.0		98.9	79.8-134				
Dibromomethane	9.03		"	10.0		90.3	79-130				
Dichlorodifluoromethane	8.57		"	10.0		85.7	47.1-101				
Ethyl Benzene	9.27		"	10.0		92.7	80.8-128				
Hexachlorobutadiene	8.89		"	10.0		88.9	64.8-128				
Isopropylbenzene	8.74		"	10.0		87.4	75.5-135				
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	65.1-140				
Methylene chloride	5.66		"	10.0		56.6	61.3-120	Low Bias			
Naphthalene	9.92		"	10.0		99.2	62.3-148				
n-Butylbenzene	9.66		"	10.0		96.6	67.2-123				
n-Propylbenzene	8.67		"	10.0		86.7	70.5-127				
o-Xylene	9.11		"	10.0		91.1	75.9-122				
p- & m- Xylenes	18.2		"	20.0		90.9	77.7-127				
p-Isopropyltoluene	8.83		"	10.0		88.3	75.6-129				
sec-Butylbenzene	8.90		"	10.0		89.0	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
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Batch BL20298 - EPA 5030B

LCS (BL20298-BS1)

Prepared & Analyzed: 12/07/2012

Styrene	8.49		ug/L	10.0		84.9	77.8-123				
tert-Butylbenzene	8.82		"	10.0		88.2	75.9-151				
Tetrachloroethylene	9.03		"	10.0		90.3	63.6-167				
Toluene	8.86		"	10.0		88.6	77-123				
trans-1,2-Dichloroethylene	9.04		"	10.0		90.4	76.3-139				
trans-1,3-Dichloropropylene	9.50		"	10.0		95.0	72.5-137				
Trichloroethylene	9.14		"	10.0		91.4	77.9-130				
Trichlorofluoromethane	10.1		"	10.0		101	57.4-133				
Vinyl Chloride	9.55		"	10.0		95.5	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.80</i>		<i>"</i>	<i>10.0</i>		<i>98.0</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.66</i>		<i>"</i>	<i>10.0</i>		<i>96.6</i>	<i>81.2-127</i>				

LCS Dup (BL20298-BS1)

Prepared & Analyzed: 12/07/2012

1,1,1,2-Tetrachloroethane	9.80		ug/L	10.0		98.0	82.3-130		3.85	21.1	
1,1,1-Trichloroethane	9.50		"	10.0		95.0	75.6-137		0.525	19.7	
1,1,2,2-Tetrachloroethane	9.66		"	10.0		96.6	71.3-131		4.34	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	71.1-129		7.64	21.7	
1,1,2-Trichloroethane	9.82		"	10.0		98.2	74.5-129		6.09	20.3	
1,1-Dichloroethane	9.80		"	10.0		98.0	79.6-132		2.27	20.6	
1,1-Dichloroethylene	9.66		"	10.0		96.6	80.2-146		1.74	20	
1,1-Dichloropropylene	9.03		"	10.0		90.3	75-136		0.222	19.3	
1,2,3-Trichlorobenzene	11.1		"	10.0		111	66.1-136		0.361	21.6	
1,2,3-Trichloropropane	9.22		"	10.0		92.2	63-131		6.26	23.9	
1,2,4-Trichlorobenzene	11.0		"	10.0		110	70.6-136		0.361	21.7	
1,2,4-Trimethylbenzene	8.43		"	10.0		84.3	75.3-135		5.86	18.8	
1,2-Dibromo-3-chloropropane	11.2		"	10.0		112	58.9-140		3.09	27.7	
1,2-Dibromoethane	9.67		"	10.0		96.7	79-130		2.41	23	
1,2-Dichlorobenzene	9.43		"	10.0		94.3	76.1-122		3.45	19.8	
1,2-Dichloroethane	9.79		"	10.0		97.9	74.6-132		3.22	20.2	
1,2-Dichloropropane	10.0		"	10.0		100	76.9-129		6.90	20.7	
1,3,5-Trimethylbenzene	8.63		"	10.0		86.3	70.6-127		0.581	18.9	
1,3-Dichlorobenzene	9.35		"	10.0		93.5	77-124		2.05	19.2	
1,3-Dichloropropane	9.80		"	10.0		98.0	75.8-126		5.67	22.1	
1,4-Dichlorobenzene	9.34		"	10.0		93.4	76.6-125		2.06	18.6	
2,2-Dichloropropane	7.81		"	10.0		78.1	69-133		1.52	19.8	
2-Chlorotoluene	8.93		"	10.0		89.3	66.3-119		1.47	21.6	
2-Hexanone	10.9		"	10.0		109	70-130		4.32	30	
4-Chlorotoluene	9.08		"	10.0		90.8	69.2-127		3.13	19	
Acetone	7.19		"	10.0		71.9	70-130		1.26	30	
Benzene	9.69		"	10.0		96.9	76.2-129		2.61	19	
Bromobenzene	9.23		"	10.0		92.3	71.3-123		2.86	20.3	
Bromochloromethane	9.66		"	10.0		96.6	70.8-137		0.413	23.9	
Bromodichloromethane	10.1		"	10.0		101	79.7-134		7.70	21	
Bromoform	9.78		"	10.0		97.8	70.5-141		6.00	21.8	
Bromomethane	8.83		"	10.0		88.3	43.9-147		1.24	28.4	
Carbon tetrachloride	9.52		"	10.0		95.2	78.1-138		1.25	20.1	
Chlorobenzene	9.61		"	10.0		96.1	80.4-125		3.82	19.9	
Chloroethane	9.12		"	10.0		91.2	55.8-140		5.34	23.3	
Chloroform	9.36		"	10.0		93.6	76.6-133		2.27	20.3	
Chloromethane	8.98		"	10.0		89.8	48.8-115		2.09	24.5	
cis-1,2-Dichloroethylene	9.74		"	10.0		97.4	75.1-128		3.77	20.5	
cis-1,3-Dichloropropylene	10.1		"	10.0		101	74.5-128		6.14	19.9	
Dibromochloromethane	10.4		"	10.0		104	79.8-134		5.41	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 BL20298 - EPA 5030B											
LCS Dup (BL20298-BSD1)						Prepared & Analyzed: 12/07/2012					
Dibromomethane	9.61		ug/L	10.0		96.1	79-130		6.22	22.4	
Dichlorodifluoromethane	8.09		"	10.0		80.9	47.1-101		5.76	23.9	
Ethyl Benzene	9.62		"	10.0		96.2	80.8-128		3.71	19.2	
Hexachlorobutadiene	8.78		"	10.0		87.8	64.8-128		1.25	20.6	
Isopropylbenzene	8.75		"	10.0		87.5	75.5-135		0.114	20	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	65.1-140		6.73	23.6	
Methylene chloride	6.35		"	10.0		63.5	61.3-120		11.5	20.4	
Naphthalene	10.4		"	10.0		104	62.3-148		5.01	27.1	
n-Butylbenzene	9.66		"	10.0		96.6	67.2-123		0.00	19.1	
n-Propylbenzene	8.71		"	10.0		87.1	70.5-127		0.460	23.4	
o-Xylene	9.43		"	10.0		94.3	75.9-122		3.45	19.3	
p- & m- Xylenes	18.8		"	20.0		93.8	77.7-127		3.09	18.6	
p-Isopropyltoluene	8.94		"	10.0		89.4	75.6-129		1.24	19.1	
sec-Butylbenzene	8.96		"	10.0		89.6	71.5-125		0.672	18.9	
Styrene	9.41		"	10.0		94.1	77.8-123		10.3	20.9	
tert-Butylbenzene	9.09		"	10.0		90.9	75.9-151		3.02	20.9	
Tetrachloroethylene	9.04		"	10.0		90.4	63.6-167		0.111	27.7	
Toluene	9.27		"	10.0		92.7	77-123		4.52	18.7	
trans-1,2-Dichloroethylene	9.65		"	10.0		96.5	76.3-139		6.53	19.5	
trans-1,3-Dichloropropylene	10.0		"	10.0		100	72.5-137		5.33	19.3	
Trichloroethylene	9.55		"	10.0		95.5	77.9-130		4.39	20.5	
Trichlorofluoromethane	9.77		"	10.0		97.7	57.4-133		3.22	21.4	
Vinyl Chloride	9.11		"	10.0		91.1	54.9-124		4.72	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.89</i>		<i>"</i>	<i>10.0</i>		<i>98.9</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.47</i>		<i>"</i>	<i>10.0</i>		<i>94.7</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.89</i>		<i>"</i>	<i>10.0</i>		<i>98.9</i>	<i>81.2-127</i>				

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 BL20359 - EPA 3010A											
Blank (BL20359-BLK1)						Prepared & Analyzed: 12/10/2012					
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BL20359-DUP1)						Prepared & Analyzed: 12/10/2012					
Iron - Dissolved	0.0310	0.0200	mg/L		0.0563				57.9	20	Non-dir.
Matrix Spike (BL20359-MS1)						Prepared & Analyzed: 12/10/2012					
Iron - Dissolved	1.06	0.0200	mg/L	1.00	0.0563	100	75-125				
Reference (BL20359-SRM1)						Prepared & Analyzed: 12/10/2012					
Iron - Dissolved	0.461	0.0200	mg/L	0.462		99.8	87.9-114				

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 BL20359 - EPA 3010A											
Blank (BL20359-BLK1)								Prepared & Analyzed: 12/10/2012			
Iron	ND	0.0200	mg/L								
Duplicate (BL20359-DUP1)								Prepared & Analyzed: 12/10/2012			
Iron	20.6	0.0200	mg/L		20.3				1.45	20	
Matrix Spike (BL20359-MS1)								Prepared & Analyzed: 12/10/2012			
Iron	21.6	0.0200	mg/L	1.00	20.3	126	75-125	High Bias			
Reference (BL20359-SRM1)								Prepared & Analyzed: 12/10/2012			
Iron	0.461	0.0200	mg/L	0.462		99.8	87.9-114				

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
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Batch BL20292 - % Solids Prep**Blank (BL20292-BLK1)**

Prepared & Analyzed: 12/10/2012

Total Dissolved Solids ND 1.00 mg/L

Duplicate (BL20292-DUP1)

*Source sample: 12L0151-01 (WQ120312:1100NP2-10)

Prepared & Analyzed: 12/10/2012

Total Dissolved Solids 132 1.00 mg/L 135 2.25 15

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
12L0150-01	WQ120312:1050NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12L0150-02	WQ120312:1055NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12L0151-01	WQ120312:1100NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

Page 1 of 1

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. 12L0150

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: <u>LBG</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Volatiles	Semi-Vols.	Metals	Misc. Org.	RUSH - Same Day	☐	Summary Report <u>X</u> pdf	Summary w/ QA Summary <u>X</u> pdf CT RCP Package CTRCP DQADUE Pkg NY ASP A Package NY ASP B Package <u>NP2 to only</u> , pdf. NJDEP Red. Deliv. Electronic Data Deliverables (EDD) Simple Excel <u>X</u> NYSDEC EQULS EQULS (std) EZ-EDD (EQULS) NJDEP SRP HazSite EDD GIS/KEY (std) Other York Regulatory Comparison Excel Spreadsheet Compare to the following Regs. (please fill in): _____ _____ _____
Address: <u>4 Research Dr. Suite 301</u>	Address: _____	Address: _____	Address: _____	624	8270 or 625	RCRA8	TPH ORO	RUSH - Next Day	☐		
Phone No. <u>203-929-8555</u>	Phone No. _____	Phone No. _____	Phone No. _____	STARS list	STARS list	PP13 list	TPH DRO	RUSH - Two Day	☐		
Contact Person: <u>Tunde Sandor</u>	Attention: _____	Attention: _____	Attention: _____	BTX	BN Only	TAL	CT ETPH	RUSH - Three Day	☐		
E-Mail Address: <u>TSandor@LBGCT.com</u>	E-Mail Address: _____	E-Mail Address: _____	E-Mail Address: _____	MTBE	Acids Only	CT RCP	NY 310-13	RUSH - Four Day	☐		
Print Clearly and Legibly. All Information must be completed. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.				Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Samples from: CT NY X NJ Purchase Order No. <u>NAB5AG</u>		Standard (5-7 Days) ☒			
Samples Collected/Authorized By (Signature) <u>STEPHEN HNAI</u> Name (printed)				Choose Analyses Needed from the Menu Above and Enter Below <u>Fe by EPA 800.71 Fe, Dissolved by EPA 6010 (SW 846-6010) 1 PCs,</u> <u>R260 list (EPA SW 845-8260) plus from 113</u> <u>Fe by EPA 800.71 Fe, Dissolved by EPA 6010 (SW 846-6010) 1 PCs</u> <u>R260 list (EPA SW 845-8260) plus from 113 / TDS (9H 2540c)</u>		Container Description(s) <u>2V 2P</u> <u>2V 2P</u> <u>2V 3t</u>					
Sample Identification <u>WQ120312-1050NR2-6</u> <u>WQ120312-1055NR2-7</u> <u>WQ120312-1100NR2-10</u>				Date Sampled <u>12/3/12 1050</u> <u>1055</u> <u>1100</u>		Sample Matrix <u>GW</u> <u>GW</u> <u>GW</u>					
Comments Preservation (Check those Applicable) Special Instructions Field Filtered ☐ Lab to Filter ☐				4°C _____ Frozen _____ HCl _____ MeOH _____ Ascorbic Acid _____ ZnAc _____ HNO ₃ _____ NaOH _____		Temperature on Receipt <u>11.5</u> °C					
Samples Relinquished By <u>Mark / M. Sandor</u> Date/Time <u>12/5/12 11:20</u>				Samples Relinquished By <u>Mark / M. Sandor</u> Date/Time <u>12/5/12 11:20</u>		Samples Received By <u>Mark / M. Sandor</u> Date/Time <u>12/5/12 11:20</u>		Samples Received in LAB by <u>Mark / M. Sandor</u> Date/Time <u>12/5/12 11:20</u>			

Technical Report

prepared for:

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

Report Date: 12/27/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12L0551

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 12/27/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12L0551

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 December 14, 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12L0551-01	WQ121212:1100NP2-6	Water	12/12/2012	12/14/2012
12L0551-02	WQ121212:1105NP2-7	Water	12/12/2012	12/14/2012
12L0552-01	WQ121212:1110NP2-10	Water	12/12/2012	12/14/2012

General Notes for York Project (SDG) No.: 12L0551

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:



Robert Q. Bradley
Laboratory Director

Date: 12/27/2012

YORK

Sample Information

Client Sample ID: WQ121212:1100NP2-6

York Sample ID: 12L0551-01

York Project (SDG) No.

12L0551

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

December 12, 2012 11:00 am

Date Received

12/14/2012

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	12/21/2012 13:03	12/21/2012 18:23	SS
71-55-6	1,1,1-Trichloroethane	0.55		ug/L	0.024	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
75-34-3	1,1-Dichloroethane	0.27	J	ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS

Sample Information

Client Sample ID: WQ121212:1100NP2-6

York Sample ID: 12L0551-01

York Project (SDG) No.
12L0551

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 11:00 am

Date Received
12/14/2012

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	12/21/2012 13:03	12/21/2012 18:23	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
67-66-3	Chloroform	0.19	J	ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
156-59-2	cis-1,2-Dichloroethylene	0.14	J	ug/L	0.069	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
127-18-4	Tetrachloroethylene	1.0		ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
79-01-6	Trichloroethylene	0.17	J	ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 18:23	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.5 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.4 %	81.2-127								

Sample Information

Client Sample ID: WQ121212:1100NP2-6

York Sample ID: 12L0551-01

York Project (SDG) No.
12L0551

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 11:00 am

Date Received
12/14/2012

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	0.107		mg/L	0.0100	0.0200	1	EPA SW846-6010B	12/17/2012 15:08	12/17/2012 21:50	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	1.01		mg/L	0.0100	0.0200	1	EPA 200.7	12/17/2012 15:08	12/17/2012 21:55	MW

Sample Information

Client Sample ID: WQ121212:1105NP2-7

York Sample ID: 12L0551-02

York Project (SDG) No.
12L0551

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 11:05 am

Date Received
12/14/2012

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	12/21/2012 13:03	12/21/2012 19:01	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS

Sample Information

Client Sample ID: WQ121212:1105NP2-7

York Sample ID: 12L0551-02

York Project (SDG) No.
12L0551

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 11:05 am

Date Received
12/14/2012

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	12/21/2012 13:03	12/21/2012 19:01	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
67-64-1	Acetone	3.6	B	ug/L	0.90	2.0	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS

Sample Information

Client Sample ID: WQ121212:1105NP2-7

York Sample ID: 12L0551-02

York Project (SDG) No.
12L0551

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 11:05 am

Date Received
12/14/2012

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	12/21/2012 13:03	12/21/2012 19:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/21/2012 13:03	12/21/2012 19:01	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	91.6 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	95.6 %	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	0.0816		mg/L	0.0100	0.0200	1	EPA SW846-6010B	12/17/2012 15:08	12/17/2012 22:00	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	0.705		mg/L	0.0100	0.0200	1	EPA 200.7	12/17/2012 15:08	12/17/2012 22:05	MW

Sample Information

Client Sample ID: WQ121212:1110NP2-10

York Sample ID: 12L0552-01

York Project (SDG) No.
12L0552

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 11:10 am

Date Received
12/14/2012

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	12/26/2012 14:49	12/26/2012 22:14	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS

Sample Information

Client Sample ID: WQ121212:1110NP2-10

York Sample ID: 12L0552-01

York Project (SDG) No.
12L0552

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 11:10 am

Date Received
12/14/2012

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	12/26/2012 14:49	12/26/2012 22:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
67-64-1	Acetone	1.0	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS

Sample Information

Client Sample ID: WQ121212:1110NP2-10

York Sample ID: 12L0552-01

York Project (SDG) No.
12L0552

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 11:10 am

Date Received
12/14/2012

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	12/26/2012 14:49	12/26/2012 22:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
75-09-2	Methylene chloride	0.30	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/26/2012 14:49	12/26/2012 22:14	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	97.0 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	95.5 %	81.2-127								

Sample Information

Client Sample ID: WQ121212:1110NP2-10

York Sample ID: 12L0552-01

York Project (SDG) No.
12L0552

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 11:10 am

Date Received
12/14/2012

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	12/17/2012 15:08	12/17/2012 22:11	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	1.43		mg/L	0.0100	0.0200	1	EPA 200.7	12/17/2012 15:08	12/17/2012 22:29	MW

Total Dissolved Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	82.0		mg/L	1.00	1.00	1	SM 2540C	12/19/2012 09:04	12/19/2012 09:04	ALD

Analytical Batch Summary

Batch ID: BL20709 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12L0551-01	WQ121212:1100NP2-6	12/17/12
12L0551-01	WQ121212:1100NP2-6	12/17/12
12L0551-02	WQ121212:1105NP2-7	12/17/12
12L0551-02	WQ121212:1105NP2-7	12/17/12
12L0552-01	WQ121212:1110NP2-10	12/17/12
12L0552-01	WQ121212:1110NP2-10	12/17/12
BL20709-BLK1	Blank	12/17/12
BL20709-BLK1	Blank	12/17/12
BL20709-DUP1	Duplicate	12/17/12
BL20709-DUP1	Duplicate	12/17/12
BL20709-MS1	Matrix Spike	12/17/12
BL20709-MS1	Matrix Spike	12/17/12
BL20709-SRM1	Reference	12/17/12
BL20709-SRM1	Reference	12/17/12

Batch ID: BL20769 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12L0552-01	WQ121212:1110NP2-10	12/19/12
BL20769-BLK1	Blank	12/19/12

Batch ID: BL20950 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12L0551-01	WQ121212:1100NP2-6	12/21/12
12L0551-02	WQ121212:1105NP2-7	12/21/12
BL20950-BLK1	Blank	12/21/12
BL20950-BS1	LCS	12/21/12
BL20950-BS2	LCS	12/21/12
BL20950-BSD1	LCS Dup	12/21/12
BL20950-BSD2	LCS Dup	12/21/12

Batch ID: BL21032 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12L0552-01	WQ121212:1110NP2-10	12/26/12
BL21032-BLK1	Blank	12/26/12
BL21032-BS1	LCS	12/26/12
BL21032-BSD1	LCS Dup	12/26/12

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
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Batch BL20950 - EPA 5030B

Blank (BL20950-BLK1)

Prepared & Analyzed: 12/21/2012

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	1.1	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	1.5	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 BL20950 - EPA 5030B											
Blank (BL20950-BLK1)						Prepared & Analyzed: 12/21/2012					
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	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.94</i>		<i>"</i>	<i>10.0</i>		<i>99.4</i>	<i>81.2-127</i>				
LCS (BL20950-BS1)						Prepared & Analyzed: 12/21/2012					
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130				
1,1,1-Trichloroethane	12.1		"	10.0		121	75.6-137				
1,1,2,2-Tetrachloroethane	8.71		"	10.0		87.1	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.8		"	10.0		138	71.1-129	High Bias			
1,1,2-Trichloroethane	9.29		"	10.0		92.9	74.5-129				
1,1-Dichloroethane	11.2		"	10.0		112	79.6-132				
1,1-Dichloroethylene	12.7		"	10.0		127	80.2-146				
1,1-Dichloropropylene	11.4		"	10.0		114	75-136				
1,2,3-Trichlorobenzene	11.0		"	10.0		110	66.1-136				
1,2,3-Trichloropropane	8.28		"	10.0		82.8	63-131				
1,2,4-Trichlorobenzene	11.5		"	10.0		115	70.6-136				
1,2,4-Trimethylbenzene	13.2		"	10.0		132	75.3-135				
1,2-Dibromo-3-chloropropane	8.41		"	10.0		84.1	58.9-140				
1,2-Dibromoethane	9.27		"	10.0		92.7	79-130				
1,2-Dichlorobenzene	10.3		"	10.0		103	76.1-122				
1,2-Dichloroethane	9.58		"	10.0		95.8	74.6-132				
1,2-Dichloropropane	10.6		"	10.0		106	76.9-129				
1,3,5-Trimethylbenzene	12.4		"	10.0		124	70.6-127				
1,3-Dichlorobenzene	11.2		"	10.0		112	77-124				
1,3-Dichloropropane	9.54		"	10.0		95.4	75.8-126				
1,4-Dichlorobenzene	11.0		"	10.0		110	76.6-125				
2,2-Dichloropropane	12.2		"	10.0		122	69-133				
2-Chlorotoluene	11.2		"	10.0		112	66.3-119				
2-Hexanone	7.70		"	10.0		77.0	70-130				
4-Chlorotoluene	11.5		"	10.0		115	69.2-127				
Acetone	6.49		"	10.0		64.9	70-130	Low Bias			
Benzene	10.8		"	10.0		108	76.2-129				
Bromobenzene	10.1		"	10.0		101	71.3-123				
Bromochloromethane	9.64		"	10.0		96.4	70.8-137				
Bromodichloromethane	10.7		"	10.0		107	79.7-134				
Bromoform	9.45		"	10.0		94.5	70.5-141				
Bromomethane	14.2		"	10.0		142	43.9-147				
Carbon tetrachloride	12.7		"	10.0		127	78.1-138				
Chlorobenzene	11.0		"	10.0		110	80.4-125				
Chloroethane	11.8		"	10.0		118	55.8-140				
Chloroform	10.6		"	10.0		106	76.6-133				
Chloromethane	11.2		"	10.0		112	48.8-115				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	75.1-128				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	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 BL20950 - EPA 5030B											
LCS (BL20950-BS1)						Prepared & Analyzed: 12/21/2012					
Dibromochloromethane	10.3		ug/L	10.0		103	79.8-134				
Dibromomethane	9.49		"	10.0		94.9	79-130				
Dichlorodifluoromethane	13.0		"	10.0		130	47.1-101	High Bias			
Ethyl Benzene	12.2		"	10.0		122	80.8-128				
Hexachlorobutadiene	13.6		"	10.0		136	64.8-128	High Bias			
Isopropylbenzene	12.3		"	10.0		123	75.5-135				
Methyl tert-butyl ether (MTBE)	8.04		"	10.0		80.4	65.1-140				
Methylene chloride	12.3		"	10.0		123	61.3-120	High Bias			
Naphthalene	9.96		"	10.0		99.6	62.3-148				
n-Butylbenzene	12.6		"	10.0		126	67.2-123	High Bias			
n-Propylbenzene	12.3		"	10.0		123	70.5-127				
o-Xylene	11.3		"	10.0		113	75.9-122				
p- & m- Xylenes	24.5		"	20.0		122	77.7-127				
p-Isopropyltoluene	13.2		"	10.0		132	75.6-129	High Bias			
sec-Butylbenzene	13.1		"	10.0		131	71.5-125	High Bias			
Styrene	14.0		"	10.0		140	77.8-123	High Bias			
tert-Butylbenzene	12.1		"	10.0		121	75.9-151				
Tetrachloroethylene	12.5		"	10.0		125	63.6-167				
Toluene	11.3		"	10.0		113	77-123				
trans-1,2-Dichloroethylene	11.5		"	10.0		115	76.3-139				
trans-1,3-Dichloropropylene	9.74		"	10.0		97.4	72.5-137				
Trichloroethylene	12.0		"	10.0		120	77.9-130				
Trichlorofluoromethane	13.4		"	10.0		134	57.4-133	High Bias			
Vinyl Chloride	12.0		"	10.0		120	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>8.76</i>		<i>"</i>	<i>10.0</i>		<i>87.6</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.84</i>		<i>"</i>	<i>10.0</i>		<i>98.4</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>81.2-127</i>				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result		Limits		Limit		
Batch BL20950 - EPA 5030B											
LCS (BL20950-BS2)						Prepared & Analyzed: 12/21/2012					
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L				82.3-130				
1,1,1-Trichloroethane	ND	0.50	"				75.6-137				
1,1,2,2-Tetrachloroethane	ND	0.50	"				71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"				71.1-129				
1,1,2-Trichloroethane	ND	0.50	"				74.5-129				
1,1-Dichloroethane	ND	0.50	"				79.6-132				
1,1-Dichloroethylene	ND	0.50	"				80.2-146				
1,1-Dichloropropylene	ND	0.50	"				75-136				
1,2,3-Trichlorobenzene	ND	2.0	"				66.1-136				
1,2,3-Trichloropropane	ND	0.50	"				63-131				
1,2,4-Trichlorobenzene	ND	2.0	"				70.6-136				
1,2,4-Trimethylbenzene	ND	0.50	"				75.3-135				
1,2-Dibromo-3-chloropropane	ND	2.0	"				58.9-140				
1,2-Dibromoethane	ND	0.50	"				79-130				
1,2-Dichlorobenzene	ND	0.50	"				76.1-122				
1,2-Dichloroethane	ND	0.50	"				74.6-132				
1,2-Dichloropropane	ND	0.50	"				76.9-129				
1,3,5-Trimethylbenzene	ND	0.50	"				70.6-127				
1,3-Dichlorobenzene	ND	0.50	"				77-124				
1,3-Dichloropropane	ND	0.50	"				75.8-126				
1,4-Dichlorobenzene	ND	0.50	"				76.6-125				
2,2-Dichloropropane	ND	0.50	"				69-133				
2-Chlorotoluene	ND	0.50	"				66.3-119				
2-Hexanone	ND	0.50	"				70-130				
4-Chlorotoluene	ND	0.50	"				69.2-127				
Acetone	ND	2.0	"				70-130				
Benzene	ND	0.50	"				76.2-129				
Bromobenzene	ND	0.50	"				71.3-123				
Bromochloromethane	ND	0.50	"				70.8-137				
Bromodichloromethane	ND	0.50	"				79.7-134				
Bromoform	ND	0.50	"				70.5-141				
Bromomethane	ND	0.50	"				43.9-147				
Carbon tetrachloride	ND	0.50	"				78.1-138				
Chlorobenzene	ND	0.50	"				80.4-125				
Chloroethane	ND	0.50	"				55.8-140				
Chloroform	ND	0.50	"				76.6-133				
Chloromethane	ND	0.50	"				48.8-115				
cis-1,2-Dichloroethylene	ND	0.50	"				75.1-128				
cis-1,3-Dichloropropylene	ND	0.50	"				74.5-128				
Dibromochloromethane	ND	0.50	"				79.8-134				
Dibromomethane	ND	0.50	"				79-130				
Dichlorodifluoromethane	ND	0.50	"				47.1-101				
Ethyl Benzene	ND	0.50	"				80.8-128				
Hexachlorobutadiene	ND	0.50	"				64.8-128				
Isopropylbenzene	ND	0.50	"				75.5-135				
Methyl tert-butyl ether (MTBE)	ND	0.50	"				65.1-140				
Methylene chloride	ND	2.0	"				61.3-120				
Naphthalene	ND	2.0	"				62.3-148				
n-Butylbenzene	ND	0.50	"				67.2-123				
n-Propylbenzene	ND	0.50	"				70.5-127				
o-Xylene	ND	0.50	"				75.9-122				
p- & m- Xylenes	ND	1.0	"				77.7-127				
p-Isopropyltoluene	ND	0.50	"				75.6-129				
sec-Butylbenzene	ND	0.50	"				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 BL20950 - EPA 5030B											
LCS (BL20950-BS2)						Prepared & Analyzed: 12/21/2012					
Styrene	ND	0.50	ug/L				77.8-123				
tert-Butylbenzene	ND	0.50	"				75.9-151				
Tetrachloroethylene	ND	0.50	"				63.6-167				
Toluene	ND	0.50	"				77-123				
trans-1,2-Dichloroethylene	ND	0.50	"				76.3-139				
trans-1,3-Dichloropropylene	ND	0.50	"				72.5-137				
Trichloroethylene	ND	0.50	"				77.9-130				
Trichlorofluoromethane	ND	0.50	"				57.4-133				
Vinyl Chloride	ND	0.50	"				54.9-124				
Surrogate: 1,2-Dichloroethane-d4	9.86		"	10.0		98.6	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				
LCS Dup (BL20950-BSD1)						Prepared & Analyzed: 12/21/2012					
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0	110	82.3-130		3.51	21.1		
1,1,1-Trichloroethane	12.1		"	10.0	121	75.6-137		0.165	19.7		
1,1,2,2-Tetrachloroethane	9.98		"	10.0	99.8	71.3-131		13.6	20.8		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.7		"	10.0	137	71.1-129	High Bias	0.436	21.7		
1,1,2-Trichloroethane	10.6		"	10.0	106	74.5-129		13.1	20.3		
1,1-Dichloroethane	11.5		"	10.0	115	79.6-132		2.72	20.6		
1,1-Dichloroethylene	12.6		"	10.0	126	80.2-146		0.870	20		
1,1-Dichloropropylene	11.4		"	10.0	114	75-136		0.526	19.3		
1,2,3-Trichlorobenzene	12.2		"	10.0	122	66.1-136		10.9	21.6		
1,2,3-Trichloropropane	9.71		"	10.0	97.1	63-131		15.9	23.9		
1,2,4-Trichlorobenzene	12.2		"	10.0	122	70.6-136		6.07	21.7		
1,2,4-Trimethylbenzene	12.2		"	10.0	122	75.3-135		7.16	18.8		
1,2-Dibromo-3-chloropropane	10.0		"	10.0	100	58.9-140		17.6	27.7		
1,2-Dibromoethane	10.7		"	10.0	107	79-130		14.2	23		
1,2-Dichlorobenzene	10.5		"	10.0	105	76.1-122		1.54	19.8		
1,2-Dichloroethane	11.1		"	10.0	111	74.6-132		15.1	20.2		
1,2-Dichloropropane	11.0		"	10.0	110	76.9-129		3.69	20.7		
1,3,5-Trimethylbenzene	11.6		"	10.0	116	70.6-127		6.82	18.9		
1,3-Dichlorobenzene	10.8		"	10.0	108	77-124		3.99	19.2		
1,3-Dichloropropane	10.7		"	10.0	107	75.8-126		11.2	22.1		
1,4-Dichlorobenzene	10.8		"	10.0	108	76.6-125		1.66	18.6		
2,2-Dichloropropane	12.1		"	10.0	121	69-133		0.739	19.8		
2-Chlorotoluene	10.7		"	10.0	107	66.3-119		4.92	21.6		
2-Hexanone	9.98		"	10.0	99.8	70-130		25.8	30		
4-Chlorotoluene	11.1		"	10.0	111	69.2-127		3.90	19		
Acetone	9.26		"	10.0	92.6	70-130		35.2	30	Non-dir.	
Benzene	11.2		"	10.0	112	76.2-129		4.18	19		
Bromobenzene	10.5		"	10.0	105	71.3-123		3.40	20.3		
Bromochloromethane	10.8		"	10.0	108	70.8-137		11.1	23.9		
Bromodichloromethane	11.5		"	10.0	115	79.7-134		7.49	21		
Bromoform	11.0		"	10.0	110	70.5-141		14.7	21.8		
Bromomethane	14.1		"	10.0	141	43.9-147		0.494	28.4		
Carbon tetrachloride	12.6		"	10.0	126	78.1-138		1.11	20.1		
Chlorobenzene	11.0		"	10.0	110	80.4-125		0.181	19.9		
Chloroethane	12.0		"	10.0	120	55.8-140		1.60	23.3		
Chloroform	11.3		"	10.0	113	76.6-133		6.76	20.3		
Chloromethane	11.5		"	10.0	115	48.8-115		2.64	24.5		
cis-1,2-Dichloroethylene	11.1		"	10.0	111	75.1-128		5.63	20.5		
cis-1,3-Dichloropropylene	11.1		"	10.0	111	74.5-128		5.46	19.9		
Dibromochloromethane	11.3		"	10.0	113	79.8-134		9.72	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
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Batch BL20950 - EPA 5030B

LCS Dup (BL20950-BSD1)

Prepared & Analyzed: 12/21/2012

Dibromomethane	10.5		ug/L	10.0		105	79-130		10.0	22.4	
Dichlorodifluoromethane	12.9		"	10.0		129	47.1-101	High Bias	1.16	23.9	
Ethyl Benzene	11.6		"	10.0		116	80.8-128		5.20	19.2	
Hexachlorobutadiene	12.0		"	10.0		120	64.8-128		11.9	20.6	
Isopropylbenzene	11.3		"	10.0		113	75.5-135		8.37	20	
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	65.1-140		32.2	23.6	Non-dir.
Methylene chloride	12.6		"	10.0		126	61.3-120	High Bias	2.73	20.4	
Naphthalene	11.8		"	10.0		118	62.3-148		16.7	27.1	
n-Butylbenzene	11.1		"	10.0		111	67.2-123		12.7	19.1	
n-Propylbenzene	11.4		"	10.0		114	70.5-127		7.95	23.4	
o-Xylene	11.2		"	10.0		112	75.9-122		1.33	19.3	
p- & m- Xylenes	23.2		"	20.0		116	77.7-127		5.45	18.6	
p-Isopropyltoluene	11.7		"	10.0		117	75.6-129		12.0	19.1	
sec-Butylbenzene	11.6		"	10.0		116	71.5-125		12.4	18.9	
Styrene	14.2		"	10.0		142	77.8-123	High Bias	1.78	20.9	
tert-Butylbenzene	11.5		"	10.0		115	75.9-151		5.25	20.9	
Tetrachloroethylene	11.6		"	10.0		116	63.6-167		7.70	27.7	
Toluene	11.0		"	10.0		110	77-123		3.50	18.7	
trans-1,2-Dichloroethylene	12.2		"	10.0		122	76.3-139		5.24	19.5	
trans-1,3-Dichloropropylene	11.0		"	10.0		110	72.5-137		12.2	19.3	
Trichloroethylene	11.5		"	10.0		115	77.9-130		4.35	20.5	
Trichlorofluoromethane	13.1		"	10.0		131	57.4-133		1.96	21.4	
Vinyl Chloride	12.3		"	10.0		123	54.9-124		1.73	22.3	
Surrogate: 1,2-Dichloroethane-d4	10.2		"	10.0		102	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				

LCS Dup (BL20950-BSD2)

Prepared & Analyzed: 12/21/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L				82.3-130			21.1	
1,1,1-Trichloroethane	ND	0.50	"				75.6-137			19.7	
1,1,2,2-Tetrachloroethane	ND	0.50	"				71.3-131			20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"				71.1-129			21.7	
1,1,2-Trichloroethane	ND	0.50	"				74.5-129			20.3	
1,1-Dichloroethane	ND	0.50	"				79.6-132			20.6	
1,1-Dichloroethylene	ND	0.50	"				80.2-146			20	
1,1-Dichloropropylene	ND	0.50	"				75-136			19.3	
1,2,3-Trichlorobenzene	ND	2.0	"				66.1-136			21.6	
1,2,3-Trichloropropane	0.210	0.50	"				63-131			23.9	
1,2,4-Trichlorobenzene	ND	2.0	"				70.6-136			21.7	
1,2,4-Trimethylbenzene	ND	0.50	"				75.3-135			18.8	
1,2-Dibromo-3-chloropropane	ND	2.0	"				58.9-140			27.7	
1,2-Dibromoethane	ND	0.50	"				79-130			23	
1,2-Dichlorobenzene	ND	0.50	"				76.1-122			19.8	
1,2-Dichloroethane	ND	0.50	"				74.6-132			20.2	
1,2-Dichloropropane	ND	0.50	"				76.9-129			20.7	
1,3,5-Trimethylbenzene	ND	0.50	"				70.6-127			18.9	
1,3-Dichlorobenzene	ND	0.50	"				77-124			19.2	
1,3-Dichloropropane	ND	0.50	"				75.8-126			22.1	
1,4-Dichlorobenzene	ND	0.50	"				76.6-125			18.6	
2,2-Dichloropropane	ND	0.50	"				69-133			19.8	
2-Chlorotoluene	ND	0.50	"				66.3-119			21.6	
2-Hexanone	ND	0.50	"				70-130			30	
4-Chlorotoluene	ND	0.50	"				69.2-127			19	
Acetone	0.930	2.0	"				70-130			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 BL20950 - EPA 5030B											
LCS Dup (BL20950-BSD2)						Prepared & Analyzed: 12/21/2012					
Benzene	ND	0.50	ug/L				76.2-129			19	
Bromobenzene	ND	0.50	"				71.3-123			20.3	
Bromochloromethane	ND	0.50	"				70.8-137			23.9	
Bromodichloromethane	ND	0.50	"				79.7-134			21	
Bromoform	ND	0.50	"				70.5-141			21.8	
Bromomethane	0.210	0.50	"				43.9-147			28.4	
Carbon tetrachloride	ND	0.50	"				78.1-138			20.1	
Chlorobenzene	ND	0.50	"				80.4-125			19.9	
Chloroethane	0.120	0.50	"				55.8-140			23.3	
Chloroform	ND	0.50	"				76.6-133			20.3	
Chloromethane	0.210	0.50	"				48.8-115			24.5	
cis-1,2-Dichloroethylene	ND	0.50	"				75.1-128			20.5	
cis-1,3-Dichloropropylene	ND	0.50	"				74.5-128			19.9	
Dibromochloromethane	ND	0.50	"				79.8-134			21.3	
Dibromomethane	ND	0.50	"				79-130			22.4	
Dichlorodifluoromethane	0.140	0.50	"				47.1-101			23.9	
Ethyl Benzene	ND	0.50	"				80.8-128			19.2	
Hexachlorobutadiene	ND	0.50	"				64.8-128			20.6	
Isopropylbenzene	ND	0.50	"				75.5-135			20	
Methyl tert-butyl ether (MTBE)	ND	0.50	"				65.1-140			23.6	
Methylene chloride	1.94	2.0	"				61.3-120			20.4	
Naphthalene	ND	2.0	"				62.3-148			27.1	
n-Butylbenzene	ND	0.50	"				67.2-123			19.1	
n-Propylbenzene	ND	0.50	"				70.5-127			23.4	
o-Xylene	ND	0.50	"				75.9-122			19.3	
p- & m- Xylenes	ND	1.0	"				77.7-127			18.6	
p-Isopropyltoluene	ND	0.50	"				75.6-129			19.1	
sec-Butylbenzene	ND	0.50	"				71.5-125			18.9	
Styrene	ND	0.50	"				77.8-123			20.9	
tert-Butylbenzene	ND	0.50	"				75.9-151			20.9	
Tetrachloroethylene	ND	0.50	"				63.6-167			27.7	
Toluene	ND	0.50	"				77-123			18.7	
trans-1,2-Dichloroethylene	ND	0.50	"				76.3-139			19.5	
trans-1,3-Dichloropropylene	ND	0.50	"				72.5-137			19.3	
Trichloroethylene	ND	0.50	"				77.9-130			20.5	
Trichlorofluoromethane	0.110	0.50	"				57.4-133			21.4	
Vinyl Chloride	0.150	0.50	"				54.9-124			22.3	
Surrogate: 1,2-Dichloroethane-d4	10.5		"	10.0		105	72.6-129				
Surrogate: p-Bromofluorobenzene	10.3		"	10.0		103	63.5-145				
Surrogate: Toluene-d8	9.64		"	10.0		96.4	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
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Batch BL21032 - EPA 5030B

Blank (BL21032-BLK1)

Prepared & Analyzed: 12/26/2012

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	0.19	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	0.12	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	1.8	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	0.96	2.0	"
Naphthalene	0.35	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 BL21032 - EPA 5030B											
Blank (BL21032-BLK1)						Prepared & Analyzed: 12/26/2012					
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	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.60</i>		<i>"</i>	<i>10.0</i>		<i>96.0</i>	<i>81.2-127</i>				
LCS (BL21032-BS1)						Prepared & Analyzed: 12/26/2012					
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82.3-130				
1,1,1-Trichloroethane	11.1		"	10.0		111	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)	12.6		"	10.0		126	71.1-129				
1,1,2-Trichloroethane	9.74		"	10.0		97.4	74.5-129				
1,1-Dichloroethane	11.2		"	10.0		112	79.6-132				
1,1-Dichloroethylene	11.8		"	10.0		118	80.2-146				
1,1-Dichloropropylene	10.2		"	10.0		102	75-136				
1,2,3-Trichlorobenzene	11.9		"	10.0		119	66.1-136				
1,2,3-Trichloropropane	9.30		"	10.0		93.0	63-131				
1,2,4-Trichlorobenzene	11.8		"	10.0		118	70.6-136				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	75.3-135				
1,2-Dibromo-3-chloropropane	9.83		"	10.0		98.3	58.9-140				
1,2-Dibromoethane	10.3		"	10.0		103	79-130				
1,2-Dichlorobenzene	9.79		"	10.0		97.9	76.1-122				
1,2-Dichloroethane	10.8		"	10.0		108	74.6-132				
1,2-Dichloropropane	9.90		"	10.0		99.0	76.9-129				
1,3,5-Trimethylbenzene	10.0		"	10.0		100	70.6-127				
1,3-Dichlorobenzene	9.88		"	10.0		98.8	77-124				
1,3-Dichloropropane	10.0		"	10.0		100	75.8-126				
1,4-Dichlorobenzene	9.80		"	10.0		98.0	76.6-125				
2,2-Dichloropropane	9.77		"	10.0		97.7	69-133				
2-Chlorotoluene	9.47		"	10.0		94.7	66.3-119				
2-Hexanone	9.96		"	10.0		99.6	70-130				
4-Chlorotoluene	9.80		"	10.0		98.0	69.2-127				
Acetone	10.7		"	10.0		107	70-130				
Benzene	10.6		"	10.0		106	76.2-129				
Bromobenzene	9.78		"	10.0		97.8	71.3-123				
Bromochloromethane	10.8		"	10.0		108	70.8-137				
Bromodichloromethane	10.2		"	10.0		102	79.7-134				
Bromoform	10.2		"	10.0		102	70.5-141				
Bromomethane	13.6		"	10.0		136	43.9-147				
Carbon tetrachloride	11.3		"	10.0		113	78.1-138				
Chlorobenzene	10.2		"	10.0		102	80.4-125				
Chloroethane	11.7		"	10.0		117	55.8-140				
Chloroform	10.8		"	10.0		108	76.6-133				
Chloromethane	11.7		"	10.0		117	48.8-115	High Bias			
cis-1,2-Dichloroethylene	10.6		"	10.0		106	75.1-128				
cis-1,3-Dichloropropylene	10.2		"	10.0		102	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 BL21032 - EPA 5030B											
LCS (BL21032-BS1)						Prepared & Analyzed: 12/26/2012					
Dibromochloromethane	10.8		ug/L	10.0		108	79.8-134				
Dibromomethane	9.81		"	10.0		98.1	79-130				
Dichlorodifluoromethane	13.5		"	10.0		135	47.1-101	High Bias			
Ethyl Benzene	10.5		"	10.0		105	80.8-128				
Hexachlorobutadiene	10.1		"	10.0		101	64.8-128				
Isopropylbenzene	9.89		"	10.0		98.9	75.5-135				
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	65.1-140				
Methylene chloride	11.9		"	10.0		119	61.3-120				
Naphthalene	12.1		"	10.0		121	62.3-148				
n-Butylbenzene	9.42		"	10.0		94.2	67.2-123				
n-Propylbenzene	9.75		"	10.0		97.5	70.5-127				
o-Xylene	10.2		"	10.0		102	75.9-122				
p- & m- Xylenes	21.1		"	20.0		105	77.7-127				
p-Isopropyltoluene	10.1		"	10.0		101	75.6-129				
sec-Butylbenzene	9.94		"	10.0		99.4	71.5-125				
Styrene	12.4		"	10.0		124	77.8-123	High Bias			
tert-Butylbenzene	10.1		"	10.0		101	75.9-151				
Tetrachloroethylene	10.0		"	10.0		100	63.6-167				
Toluene	9.66		"	10.0		96.6	77-123				
trans-1,2-Dichloroethylene	11.2		"	10.0		112	76.3-139				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137				
Trichloroethylene	9.98		"	10.0		99.8	77.9-130				
Trichlorofluoromethane	11.6		"	10.0		116	57.4-133				
Vinyl Chloride	11.6		"	10.0		116	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.77</i>		<i>"</i>	<i>10.0</i>		<i>97.7</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.26</i>		<i>"</i>	<i>10.0</i>		<i>92.6</i>	<i>81.2-127</i>				

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 BL21032 - EPA 5030B											
LCS Dup (BL21032-BSD1)						Prepared & Analyzed: 12/26/2012					
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82.3-130		0.289	21.1	
1,1,1-Trichloroethane	11.2		"	10.0		112	75.6-137		0.805	19.7	
1,1,2,2-Tetrachloroethane	9.06		"	10.0		90.6	71.3-131		4.32	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.4		"	10.0		124	71.1-129		1.84	21.7	
1,1,2-Trichloroethane	9.74		"	10.0		97.4	74.5-129		0.00	20.3	
1,1-Dichloroethane	11.2		"	10.0		112	79.6-132		0.803	20.6	
1,1-Dichloroethylene	11.9		"	10.0		119	80.2-146		0.421	20	
1,1-Dichloropropylene	10.4		"	10.0		104	75-136		1.94	19.3	
1,2,3-Trichlorobenzene	11.3		"	10.0		113	66.1-136		5.69	21.6	
1,2,3-Trichloropropane	8.57		"	10.0		85.7	63-131		8.17	23.9	
1,2,4-Trichlorobenzene	11.3		"	10.0		113	70.6-136		4.59	21.7	
1,2,4-Trimethylbenzene	10.7		"	10.0		107	75.3-135		1.13	18.8	
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	58.9-140		1.91	27.7	
1,2-Dibromoethane	10.2		"	10.0		102	79-130		1.17	23	
1,2-Dichlorobenzene	9.66		"	10.0		96.6	76.1-122		1.34	19.8	
1,2-Dichloroethane	10.6		"	10.0		106	74.6-132		1.50	20.2	
1,2-Dichloropropane	9.89		"	10.0		98.9	76.9-129		0.101	20.7	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	70.6-127		2.57	18.9	
1,3-Dichlorobenzene	9.88		"	10.0		98.8	77-124		0.00	19.2	
1,3-Dichloropropane	10.0		"	10.0		100	75.8-126		0.299	22.1	
1,4-Dichlorobenzene	9.72		"	10.0		97.2	76.6-125		0.820	18.6	
2,2-Dichloropropane	9.81		"	10.0		98.1	69-133		0.409	19.8	
2-Chlorotoluene	9.49		"	10.0		94.9	66.3-119		0.211	21.6	
2-Hexanone	9.60		"	10.0		96.0	70-130		3.68	30	
4-Chlorotoluene	9.89		"	10.0		98.9	69.2-127		0.914	19	
Acetone	9.99		"	10.0		99.9	70-130		6.68	30	
Benzene	10.7		"	10.0		107	76.2-129		0.470	19	
Bromobenzene	9.55		"	10.0		95.5	71.3-123		2.38	20.3	
Bromochloromethane	10.5		"	10.0		105	70.8-137		2.53	23.9	
Bromodichloromethane	10.4		"	10.0		104	79.7-134		2.43	21	
Bromoform	9.83		"	10.0		98.3	70.5-141		3.69	21.8	
Bromomethane	13.1		"	10.0		131	43.9-147		3.15	28.4	
Carbon tetrachloride	11.4		"	10.0		114	78.1-138		0.971	20.1	
Chlorobenzene	10.3		"	10.0		103	80.4-125		1.17	19.9	
Chloroethane	11.4		"	10.0		114	55.8-140		2.25	23.3	
Chloroform	11.0		"	10.0		110	76.6-133		1.28	20.3	
Chloromethane	11.6		"	10.0		116	48.8-115	High Bias	1.37	24.5	
cis-1,2-Dichloroethylene	10.9		"	10.0		109	75.1-128		3.07	20.5	
cis-1,3-Dichloropropylene	10.1		"	10.0		101	74.5-128		0.394	19.9	
Dibromochloromethane	10.5		"	10.0		105	79.8-134		3.00	21.3	
Dibromomethane	9.74		"	10.0		97.4	79-130		0.716	22.4	
Dichlorodifluoromethane	13.5		"	10.0		135	47.1-101	High Bias	0.297	23.9	
Ethyl Benzene	10.7		"	10.0		107	80.8-128		1.89	19.2	
Hexachlorobutadiene	10.2		"	10.0		102	64.8-128		0.787	20.6	
Isopropylbenzene	10.0		"	10.0		100	75.5-135		1.41	20	
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	65.1-140		7.64	23.6	
Methylene chloride	12.5		"	10.0		125	61.3-120	High Bias	4.42	20.4	
Naphthalene	10.9		"	10.0		109	62.3-148		10.2	27.1	
n-Butylbenzene	9.57		"	10.0		95.7	67.2-123		1.58	19.1	
n-Propylbenzene	9.93		"	10.0		99.3	70.5-127		1.83	23.4	
o-Xylene	10.3		"	10.0		103	75.9-122		0.487	19.3	
p- & m- Xylenes	21.5		"	20.0		108	77.7-127		2.02	18.6	
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129		0.788	19.1	
sec-Butylbenzene	10.2		"	10.0		102	71.5-125		2.39	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
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Batch BL21032 - EPA 5030B

LCS Dup (BL21032-BSD1)

Prepared & Analyzed: 12/26/2012

Styrene	12.5		ug/L	10.0		125	77.8-123	High Bias	0.801	20.9
tert-Butylbenzene	9.86		"	10.0		98.6	75.9-151		2.70	20.9
Tetrachloroethylene	10.3		"	10.0		103	63.6-167		2.55	27.7
Toluene	9.98		"	10.0		99.8	77-123		3.26	18.7
trans-1,2-Dichloroethylene	11.3		"	10.0		113	76.3-139		0.533	19.5
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137		1.08	19.3
Trichloroethylene	10.3		"	10.0		103	77.9-130		3.54	20.5
Trichlorofluoromethane	11.6		"	10.0		116	57.4-133		0.258	21.4
Vinyl Chloride	11.4		"	10.0		114	54.9-124		1.66	22.3
Surrogate: 1,2-Dichloroethane-d4	10.0		"	10.0		100	72.6-129			
Surrogate: p-Bromofluorobenzene	9.74		"	10.0		97.4	63.5-145			
Surrogate: Toluene-d8	9.65		"	10.0		96.5	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 BL20709 - EPA 3010A											
Blank (BL20709-BLK1)								Prepared & Analyzed: 12/17/2012			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BL20709-DUP1)								Prepared & Analyzed: 12/17/2012			
Iron - Dissolved	ND	0.0200	mg/L		0.0122					20	
Matrix Spike (BL20709-MS1)								Prepared & Analyzed: 12/17/2012			
Iron - Dissolved	1.02	0.0200	mg/L	1.00	0.0122	101	75-125				
Reference (BL20709-SRM1)								Prepared & Analyzed: 12/17/2012			
Iron - Dissolved	0.442	0.0200	mg/L	0.462		95.6	87.9-114				

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 BL20709 - EPA 3010A											
Blank (BL20709-BLK1)								Prepared & Analyzed: 12/17/2012			
Iron	ND	0.0200	mg/L								
Duplicate (BL20709-DUP1)								*Source sample: 12L0552-01 (WQ121212:1110NP2-10) Prepared & Analyzed: 12/17/2012			
Iron	1.33	0.0200	mg/L		1.43				7.00	20	
Matrix Spike (BL20709-MS1)								*Source sample: 12L0552-01 (WQ121212:1110NP2-10) Prepared & Analyzed: 12/17/2012			
Iron	2.37	0.0200	mg/L	1.00	1.43	93.6	75-125				
Reference (BL20709-SRM1)								Prepared & Analyzed: 12/17/2012			
Iron	0.442	0.0200	mg/L	0.462		95.6	87.9-114				

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
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Batch BL20769 - % Solids Prep**Blank (BL20769-BLK1)**

Prepared & Analyzed: 12/19/2012

Total Dissolved Solids	ND	1.00	mg/L								
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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
12L0551-01	WQ121212:1100NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12L0551-02	WQ121212:1105NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12L0552-01	WQ121212:1110NP2-10	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

Page 1 of 1

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. 1260551

YOUR INFORMATION		Report To:		Invoice To:		YOUR PROJECT ID		Turn-Around Time		Report Type	
Company: <u>LBG</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>
Address: <u>4 Research Dr. Suite 301</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>
City: <u>Shelton, CT 06484</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>
Phone No. <u>203-929-8555</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>
Contact Person: <u>Tunde Sandor</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>
E-Mail Address: <u>TSandor@LBGCT.com</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>
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) <u>STEPHEN HWAT</u>		Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Choose Analyses Needed from the Menu Above and Enter Below		Container Description(s)		Temperature on Receipt	
Sample Identification	Date Sampled	Sample Matrix									
WQ121212-1100NP2-6	12/12/12 1100	GW									
WQ121212-1105NP2-7	12/12/12 1105	GW									
WQ121212-1110NP2-10	12/12/12 1110	GW									
Comments											
Preservation											
Check those Applicable											
Special Instructions											
Field Filtered ☐											
Lab to Filter ☐											
Samples Relinquished By											
Date/Time											
Samples Received By											
Date/Time											
Samples Received in LAB by											
Date/Time											

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

Page 1 of 1

York Project No. 1260552

YOUR INFORMATION		Report To:		Invoice To:		YOUR PROJECT ID		Turn-Around Time		Report Type	
Company: <u>LBG</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>
Address: <u>4 Research Dr. Suite 301</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>
City: <u>Shelton, CT 06484</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>
Phone No: <u>203-929-8555</u>	Phone No: <u>Same</u>	Phone No: <u>Same</u>	Phone No: <u>Same</u>	Phone No: <u>Same</u>	Phone No: <u>Same</u>	Phone No: <u>Same</u>	Phone No: <u>Same</u>	Phone No: <u>Same</u>	Phone No: <u>Same</u>	Phone No: <u>Same</u>	Phone No: <u>Same</u>
Contact Person: <u>Tunde Sandor</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>
E-Mail Address: <u>TSandor@LBGCT.com</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>
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): <u>[Signature]</u> Name (printed): <u>STEPHEN HWAT</u>											
Matrix Codes		Volatiles		Semi-Volatiles		Metals		Full Lists		Misc.	
S - soil	8260 full	TICs	8270 or 825	8082 PCB	RCRA 8	TPH DRO	TPH DRO	TPH DRO	TPH DRO	TPH DRO	TPH DRO
Other - specify (oil, etc.)	624	Site Spec	STARS list	8081 PCB	PP13 list	CTRCP	CTRCP	CTRCP	CTRCP	CTRCP	CTRCP
WW - wastewater	BTX	Nassau Co.	BN Only	815 Herb	TAL	CTRCP	CTRCP	CTRCP	CTRCP	CTRCP	CTRCP
GW - groundwater	MTBE	Suffolk Co.	Acids Only	CTRCP	CT15 list	CTRCP	CTRCP	CTRCP	CTRCP	CTRCP	CTRCP
DW - drinking water	TCL list	Ketones	PAH list	App. IX	TAGM list	TPH 1664	TPH 1664	TPH 1664	TPH 1664	TPH 1664	TPH 1664
Air-A - ambient air	TAGM list	Oxyaromatics	TAGM list	Site Spec	NUDEP list	Air TO14A	Air TO14A	Air TO14A	Air TO14A	Air TO14A	Air TO14A
Air-SV - soil vapor	CT RCP list	TCLP list	CT RCP list	STP or TCLP	STP or TCLP	Air TO15	Air TO15	Air TO15	Air TO15	Air TO15	Air TO15
	Arum only	502.2	NUDEP list	TCLP Herb	STP or TCLP	Air STARS	Air STARS	Air STARS	Air STARS	Air STARS	Air STARS
	Halog only	NUDEP list	App. IX	Chlordane	LIST Below	LIST Below	LIST Below	LIST Below	LIST Below	LIST Below	LIST Below
	8021B list	STP or TCLP	TCLP BNA	608 Pest	608 PCB	608 PCB	608 PCB	608 PCB	608 PCB	608 PCB	608 PCB
Choose Analyses Needed from the Menu Above and Enter Below											
Sample Identification	Date Sampled	Sample Matrix	Fe by EPA 200.7 Fe, Dissolved by EPA 8010 (SW 846-60100) / VOCs, P260 List (EPA SW 845-82600) plus from 113 Fe by EPA 200.7 Fe, Dissolved by EPA 8010 (SW 846-60100) / VOCs, P260 List (EPA SW 845-82600) plus from 113 / TDS (SH 2540c)								
WQ121212:1100NP2-6	12/12/12 1100	GW	2V 2P								
WQ121212:1105NP2-7	12/12/12 1105	GW	2V 2P								
WQ121212:1110NP2-10	12/12/12 1110	GW	2V 3P								
Container Description(s): Temperature on Receipt: 4.6 °C											
Comments: Preservation: Check those Applicable Special Instructions: Field Filtered ☐ Lab to Filter ☐ Samples Relinquished By: <u>[Signature]</u> Date/Time: 12/12/12 1220 Samples Received By: <u>G. Schreck</u> Date/Time: 12/12/12 1220 Samples Relinquished By: <u>[Signature]</u> Date/Time: <u>12/12/12 1220</u> Samples Received In Lab by: <u>[Signature]</u> Date/Time: <u>12/12/12 1220</u>											

Technical Report

prepared for:

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

Report Date: 12/31/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12L0750

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 12/31/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12L0750

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 December 20, 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12L0750-01	WQ121812:1000NP2-6	Water	12/18/2012	12/20/2012
12L0750-02	WQ121812:1005NP2-7	Water	12/18/2012	12/20/2012
12L0752-01	WQ121812:1010NP2-10	Water	12/18/2012	12/21/2012

General Notes for York Project (SDG) No.: 12L0750

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:



Robert Q. Bradley
Laboratory Director

Date: 12/31/2012

YORK

Sample Information

Client Sample ID: WQ121812:1000NP2-6

York Sample ID: 12L0750-01

York Project (SDG) No.

12L0750

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

December 18, 2012 10:00 am

Date Received

12/20/2012

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	12/28/2012 15:02	12/29/2012 17:26	SS
71-55-6	1,1,1-Trichloroethane	0.56		ug/L	0.024	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
75-34-3	1,1-Dichloroethane	0.31	J	ug/L	0.044	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS

Sample Information

Client Sample ID: WQ121812:1000NP2-6

York Sample ID: 12L0750-01

York Project (SDG) No.
12L0750

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 18, 2012 10:00 am

Date Received
12/20/2012

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	12/28/2012 15:02	12/29/2012 17:26	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
67-66-3	Chloroform	0.22	J	ug/L	0.079	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
156-59-2	cis-1,2-Dichloroethylene	0.32	J	ug/L	0.069	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
127-18-4	Tetrachloroethylene	0.90		ug/L	0.070	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
79-01-6	Trichloroethylene	0.17	J	ug/L	0.071	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 17:26	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.0 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	98.7 %	81.2-127								

Sample Information

Client Sample ID: WQ121812:1000NP2-6

York Sample ID: 12L0750-01

York Project (SDG) No.
12L0750

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 18, 2012 10:00 am

Date Received
12/20/2012

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	0.0864		mg/L	0.0100	0.0200	1	EPA SW846-6010B	12/26/2012 14:23	12/26/2012 18:18	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	0.843		mg/L	0.0100	0.0200	1	EPA 200.7	12/26/2012 14:23	12/26/2012 18:24	MW

Sample Information

Client Sample ID: WQ121812:1005NP2-7

York Sample ID: 12L0750-02

York Project (SDG) No.
12L0750

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 18, 2012 10:05 am

Date Received
12/20/2012

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	12/28/2012 15:02	12/29/2012 18:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS

Sample Information

Client Sample ID: WQ121812:1005NP2-7

York Sample ID: 12L0750-02

York Project (SDG) No.
12L0750

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 18, 2012 10:05 am

Date Received
12/20/2012

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	12/28/2012 15:02	12/29/2012 18:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS

Sample Information

Client Sample ID: WQ121812:1005NP2-7

York Sample ID: 12L0750-02

York Project (SDG) No.
12L0750

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 18, 2012 10:05 am

Date Received
12/20/2012

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	12/28/2012 15:02	12/29/2012 18:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:03	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	98.7 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	98.4 %	81.2-127								

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.0762		mg/L	0.0100	0.0200	1	EPA SW846-6010B	12/26/2012 14:23	12/26/2012 18:29	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	0.583		mg/L	0.0100	0.0200	1	EPA 200.7	12/26/2012 14:23	12/26/2012 18:34	MW

Sample Information

Client Sample ID: WQ121812:1010NP2-10

York Sample ID: 12L0752-01

York Project (SDG) No.
12L0752

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 18, 2012 10:10 am

Date Received
12/21/2012

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	12/28/2012 15:02	12/29/2012 18:39	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 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	12/28/2012 15:02	12/29/2012 18:39	SS

Sample Information

Client Sample ID: WQ121812:1010NP2-10

York Sample ID: 12L0752-01

York Project (SDG) No.
12L0752

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 18, 2012 10:10 am

Date Received
12/21/2012

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	12/28/2012 15:02	12/29/2012 18:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS

Sample Information

Client Sample ID: WQ121812:1010NP2-10

York Sample ID: 12L0752-01

York Project (SDG) No.
12L0752

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 18, 2012 10:10 am

Date Received
12/21/2012

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	12/28/2012 15:02	12/29/2012 18:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/28/2012 15:02	12/29/2012 18:39	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	98.3 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.5 %	81.2-127								

Sample Information

Client Sample ID: WQ121812:1010NP2-10

York Sample ID: 12L0752-01

York Project (SDG) No.
12L0752

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 18, 2012 10:10 am

Date Received
12/21/2012

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	0.0466		mg/L	0.0100	0.0200	1	EPA SW846-6010B	12/26/2012 14:23	12/26/2012 18:40	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	4.52		mg/L	0.0100	0.0200	1	EPA 200.7	12/26/2012 14:23	12/26/2012 19:12	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	103		mg/L	1.00	1.00	1	SM 2540C	12/21/2012 10:51	12/26/2012 10:51	ALD

Analytical Batch Summary

Batch ID: BL20980 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12L0752-01	WQ121812:1010NP2-10	12/21/12
BL20980-BLK1	Blank	12/21/12
BL20980-DUP1	Duplicate	12/21/12

Batch ID: BL21027 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12L0750-01	WQ121812:1000NP2-6	12/26/12
12L0750-01	WQ121812:1000NP2-6	12/26/12
12L0750-02	WQ121812:1005NP2-7	12/26/12
12L0750-02	WQ121812:1005NP2-7	12/26/12
12L0752-01	WQ121812:1010NP2-10	12/26/12
12L0752-01	WQ121812:1010NP2-10	12/26/12
BL21027-BLK1	Blank	12/26/12
BL21027-BLK1	Blank	12/26/12
BL21027-DUP1	Duplicate	12/26/12
BL21027-DUP1	Duplicate	12/26/12
BL21027-MS1	Matrix Spike	12/26/12
BL21027-MS1	Matrix Spike	12/26/12
BL21027-SRM1	Reference	12/26/12
BL21027-SRM1	Reference	12/26/12

Batch ID: BL21158 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12L0750-01	WQ121812:1000NP2-6	12/28/12
12L0750-02	WQ121812:1005NP2-7	12/28/12
12L0752-01	WQ121812:1010NP2-10	12/28/12
BL21158-BLK1	Blank	12/28/12
BL21158-BS1	LCS	12/28/12
BL21158-BSD1	LCS Dup	12/28/12

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
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Batch BL21158 - EPA 5030B

Blank (BL21158-BLK1)

Prepared: 12/28/2012 Analyzed: 12/29/2012

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	0.99	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 BL21158 - EPA 5030B											
Blank (BL21158-BLK1)						Prepared: 12/28/2012 Analyzed: 12/29/2012					
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	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.76		"	10.0		97.6	72.6-129				
<i>Surrogate: p-Bromofluorobenzene</i>	10.0		"	10.0		100	63.5-145				
<i>Surrogate: Toluene-d8</i>	10.0		"	10.0		100	81.2-127				
LCS (BL21158-BS1)						Prepared: 12/28/2012 Analyzed: 12/29/2012					
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82.3-130				
1,1,1-Trichloroethane	10.8		"	10.0		108	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)	12.4		"	10.0		124	71.1-129				
1,1,2-Trichloroethane	11.1		"	10.0		111	74.5-129				
1,1-Dichloroethane	11.1		"	10.0		111	79.6-132				
1,1-Dichloroethylene	11.1		"	10.0		111	80.2-146				
1,1-Dichloropropylene	10.4		"	10.0		104	75-136				
1,2,3-Trichlorobenzene	13.0		"	10.0		130	66.1-136				
1,2,3-Trichloropropane	10.3		"	10.0		103	63-131				
1,2,4-Trichlorobenzene	12.9		"	10.0		129	70.6-136				
1,2,4-Trimethylbenzene	9.80		"	10.0		98.0	75.3-135				
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	58.9-140				
1,2-Dibromoethane	11.5		"	10.0		115	79-130				
1,2-Dichlorobenzene	10.3		"	10.0		103	76.1-122				
1,2-Dichloroethane	11.2		"	10.0		112	74.6-132				
1,2-Dichloropropane	11.1		"	10.0		111	76.9-129				
1,3,5-Trimethylbenzene	9.86		"	10.0		98.6	70.6-127				
1,3-Dichlorobenzene	10.1		"	10.0		101	77-124				
1,3-Dichloropropane	11.0		"	10.0		110	75.8-126				
1,4-Dichlorobenzene	10.3		"	10.0		103	76.6-125				
2,2-Dichloropropane	6.53		"	10.0		65.3	69-133	Low Bias			
2-Chlorotoluene	9.64		"	10.0		96.4	66.3-119				
2-Hexanone	12.4		"	10.0		124	70-130				
4-Chlorotoluene	9.97		"	10.0		99.7	69.2-127				
Acetone	10.4		"	10.0		104	70-130				
Benzene	11.1		"	10.0		111	76.2-129				
Bromobenzene	10.3		"	10.0		103	71.3-123				
Bromochloromethane	11.1		"	10.0		111	70.8-137				
Bromodichloromethane	10.9		"	10.0		109	79.7-134				
Bromoform	10.9		"	10.0		109	70.5-141				
Bromomethane	8.90		"	10.0		89.0	43.9-147				
Carbon tetrachloride	10.7		"	10.0		107	78.1-138				
Chlorobenzene	10.7		"	10.0		107	80.4-125				
Chloroethane	10.2		"	10.0		102	55.8-140				
Chloroform	10.9		"	10.0		109	76.6-133				
Chloromethane	11.0		"	10.0		110	48.8-115				
cis-1,2-Dichloroethylene	11.2		"	10.0		112	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 BL21158 - EPA 5030B											
LCS (BL21158-BS1)						Prepared: 12/28/2012 Analyzed: 12/29/2012					
Dibromochloromethane	11.3		ug/L	10.0		113	79.8-134				
Dibromomethane	11.1		"	10.0		111	79-130				
Dichlorodifluoromethane	11.3		"	10.0		113	47.1-101	High Bias			
Ethyl Benzene	10.8		"	10.0		108	80.8-128				
Hexachlorobutadiene	9.74		"	10.0		97.4	64.8-128				
Isopropylbenzene	9.99		"	10.0		99.9	75.5-135				
Methyl tert-butyl ether (MTBE)	12.0		"	10.0		120	65.1-140				
Methylene chloride	11.4		"	10.0		114	61.3-120				
Naphthalene	12.6		"	10.0		126	62.3-148				
n-Butylbenzene	9.75		"	10.0		97.5	67.2-123				
n-Propylbenzene	9.91		"	10.0		99.1	70.5-127				
o-Xylene	10.8		"	10.0		108	75.9-122				
p- & m- Xylenes	21.4		"	20.0		107	77.7-127				
p-Isopropyltoluene	9.97		"	10.0		99.7	75.6-129				
sec-Butylbenzene	9.92		"	10.0		99.2	71.5-125				
Styrene	11.6		"	10.0		116	77.8-123				
tert-Butylbenzene	10.1		"	10.0		101	75.9-151				
Tetrachloroethylene	10.3		"	10.0		103	63.6-167				
Toluene	10.6		"	10.0		106	77-123				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	76.3-139				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137				
Trichloroethylene	10.6		"	10.0		106	77.9-130				
Trichlorofluoromethane	10.8		"	10.0		108	57.4-133				
Vinyl Chloride	10.7		"	10.0		107	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.58</i>		<i>"</i>	<i>10.0</i>		<i>95.8</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.84</i>		<i>"</i>	<i>10.0</i>		<i>98.4</i>	<i>81.2-127</i>				

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 BL21158 - EPA 5030B											
LCS Dup (BL21158-BSD1)						Prepared: 12/28/2012 Analyzed: 12/29/2012					
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82.3-130		4.27	21.1	
1,1,1-Trichloroethane	9.67		"	10.0		96.7	75.6-137		10.6	19.7	
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	71.3-131		6.20	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0		113	71.1-129		9.56	21.7	
1,1,2-Trichloroethane	10.4		"	10.0		104	74.5-129		6.99	20.3	
1,1-Dichloroethane	9.85		"	10.0		98.5	79.6-132		11.8	20.6	
1,1-Dichloroethylene	9.74		"	10.0		97.4	80.2-146		13.4	20	
1,1-Dichloropropylene	9.31		"	10.0		93.1	75-136		10.7	19.3	
1,2,3-Trichlorobenzene	11.6		"	10.0		116	66.1-136		11.6	21.6	
1,2,3-Trichloropropane	9.29		"	10.0		92.9	63-131		10.0	23.9	
1,2,4-Trichlorobenzene	11.6		"	10.0		116	70.6-136		11.2	21.7	
1,2,4-Trimethylbenzene	9.10		"	10.0		91.0	75.3-135		7.41	18.8	
1,2-Dibromo-3-chloropropane	9.80		"	10.0		98.0	58.9-140		4.68	27.7	
1,2-Dibromoethane	10.7		"	10.0		107	79-130		7.39	23	
1,2-Dichlorobenzene	9.74		"	10.0		97.4	76.1-122		5.30	19.8	
1,2-Dichloroethane	10.2		"	10.0		102	74.6-132		8.70	20.2	
1,2-Dichloropropane	9.69		"	10.0		96.9	76.9-129		13.5	20.7	
1,3,5-Trimethylbenzene	9.03		"	10.0		90.3	70.6-127		8.79	18.9	
1,3-Dichlorobenzene	9.33		"	10.0		93.3	77-124		8.12	19.2	
1,3-Dichloropropane	10.2		"	10.0		102	75.8-126		7.06	22.1	
1,4-Dichlorobenzene	9.40		"	10.0		94.0	76.6-125		8.94	18.6	
2,2-Dichloropropane	5.80		"	10.0		58.0	69-133	Low Bias	11.8	19.8	
2-Chlorotoluene	8.84		"	10.0		88.4	66.3-119		8.66	21.6	
2-Hexanone	11.2		"	10.0		112	70-130		9.85	30	
4-Chlorotoluene	9.19		"	10.0		91.9	69.2-127		8.14	19	
Acetone	10.4		"	10.0		104	70-130		0.576	30	
Benzene	10.0		"	10.0		100	76.2-129		10.1	19	
Bromobenzene	9.36		"	10.0		93.6	71.3-123		9.27	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		9.53	23.9	
Bromodichloromethane	10.1		"	10.0		101	79.7-134		7.32	21	
Bromoform	9.79		"	10.0		97.9	70.5-141		10.4	21.8	
Bromomethane	7.83		"	10.0		78.3	43.9-147		12.8	28.4	
Carbon tetrachloride	9.81		"	10.0		98.1	78.1-138		8.87	20.1	
Chlorobenzene	10.0		"	10.0		100	80.4-125		7.14	19.9	
Chloroethane	9.15		"	10.0		91.5	55.8-140		10.5	23.3	
Chloroform	9.94		"	10.0		99.4	76.6-133		9.03	20.3	
Chloromethane	9.93		"	10.0		99.3	48.8-115		10.1	24.5	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128		8.46	20.5	
cis-1,3-Dichloropropylene	9.69		"	10.0		96.9	74.5-128		9.06	19.9	
Dibromochloromethane	10.6		"	10.0		106	79.8-134		6.20	21.3	
Dibromomethane	10.3		"	10.0		103	79-130		8.04	22.4	
Dichlorodifluoromethane	9.88		"	10.0		98.8	47.1-101		13.4	23.9	
Ethyl Benzene	10.2		"	10.0		102	80.8-128		6.57	19.2	
Hexachlorobutadiene	8.86		"	10.0		88.6	64.8-128		9.46	20.6	
Isopropylbenzene	9.08		"	10.0		90.8	75.5-135		9.54	20	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	65.1-140		10.1	23.6	
Methylene chloride	9.73		"	10.0		97.3	61.3-120		15.5	20.4	
Naphthalene	11.7		"	10.0		117	62.3-148		7.66	27.1	
n-Butylbenzene	8.66		"	10.0		86.6	67.2-123		11.8	19.1	
n-Propylbenzene	8.97		"	10.0		89.7	70.5-127		9.96	23.4	
o-Xylene	10.0		"	10.0		100	75.9-122		7.12	19.3	
p- & m- Xylenes	19.7		"	20.0		98.6	77.7-127		8.17	18.6	
p-Isopropyltoluene	9.16		"	10.0		91.6	75.6-129		8.47	19.1	
sec-Butylbenzene	9.13		"	10.0		91.3	71.5-125		8.29	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
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Batch BL21158 - EPA 5030B

LCS Dup (BL21158-BSD1)

Prepared: 12/28/2012 Analyzed: 12/29/2012

Styrene	10.9		ug/L	10.0		109	77.8-123		6.16	20.9	
tert-Butylbenzene	9.29		"	10.0		92.9	75.9-151		8.26	20.9	
Tetrachloroethylene	9.37		"	10.0		93.7	63.6-167		9.36	27.7	
Toluene	9.65		"	10.0		96.5	77-123		8.91	18.7	
trans-1,2-Dichloroethylene	9.88		"	10.0		98.8	76.3-139		10.0	19.5	
trans-1,3-Dichloropropylene	9.58		"	10.0		95.8	72.5-137		4.99	19.3	
Trichloroethylene	9.67		"	10.0		96.7	77.9-130		8.89	20.5	
Trichlorofluoromethane	9.45		"	10.0		94.5	57.4-133		13.1	21.4	
Vinyl Chloride	9.62		"	10.0		96.2	54.9-124		11.0	22.3	
Surrogate: 1,2-Dichloroethane-d4	9.95		"	10.0		99.5	72.6-129				
Surrogate: p-Bromofluorobenzene	9.44		"	10.0		94.4	63.5-145				
Surrogate: Toluene-d8	9.64		"	10.0		96.4	81.2-127				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BL21027 - EPA 3010A											
Blank (BL21027-BLK1)								Prepared & Analyzed: 12/26/2012			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BL21027-DUP1)								Prepared & Analyzed: 12/26/2012			
Iron - Dissolved	0.0392	0.0200	mg/L		0.0466				17.1	20	
Matrix Spike (BL21027-MS1)								Prepared & Analyzed: 12/26/2012			
Iron - Dissolved	1.06	0.0200	mg/L	1.00	0.0466	102	75-125				
Reference (BL21027-SRM1)								Prepared & Analyzed: 12/26/2012			
Iron - Dissolved	0.452	0.0200	mg/L	0.462		97.9	87.9-114				

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 BL21027 - EPA 3010A											
Blank (BL21027-BLK1)											
								Prepared & Analyzed: 12/26/2012			
Iron	ND	0.0200	mg/L								
Duplicate (BL21027-DUP1)											
*Source sample: 12L0752-01 (WQ121812:1010NP2-10)								Prepared & Analyzed: 12/26/2012			
Iron	4.54	0.0200	mg/L		4.52				0.283	20	
Matrix Spike (BL21027-MS1)											
*Source sample: 12L0752-01 (WQ121812:1010NP2-10)								Prepared & Analyzed: 12/26/2012			
Iron	5.47	0.0200	mg/L	1.00	4.52	94.5	75-125				
Reference (BL21027-SRM1)											
								Prepared & Analyzed: 12/26/2012			
Iron	0.452	0.0200	mg/L	0.462		97.9	87.9-114				

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
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Batch BL20980 - % Solids Prep**Blank (BL20980-BLK1)**

Prepared: 12/21/2012 Analyzed: 12/26/2012

Total Dissolved Solids ND 1.00 mg/L

Duplicate (BL20980-DUP1)

*Source sample: 12L0752-01 (WQ121812:1010NP2-10)

Prepared: 12/21/2012 Analyzed: 12/26/2012

Total Dissolved Solids 96.0 1.00 mg/L 103 7.04 15

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
12L0750-01	WQ121812:1000NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12L0750-02	WQ121812:1005NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12L0752-01	WQ121812:1010NP2-10	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.

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. signature binds you to York's Std. Terms & Conditions.

York Project No. 1260750

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: LBG	Address: 4 Research Dr, Suite 301 Shelton, CT 06484	Company: Same	Address:	Company: Same	Address:	Rohr Industries.		RUSH - Same Day	Summary Report X, pdf		
Phone No. 203-929-8555	Contact Person: Tunde Sandor	Phone No.	Attention:	Phone No.	Attention:	Purchase Order No. HABSAG.		RUSH - Next Day	Summary w/ QA Summary X, pdf		
E-Mail Address: TSandor@LBGCT.com		E-Mail Address:		E-Mail Address:				RUSH - Two Day	CT RCP Package		
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 HVAJ Name (printed)		Matrix Codes		Volatiles		Semi-Vols		Full Lists		Electronic Data Deliverables (EDD)	
		S - soil		TICs		8270 or 625		TPH GRO		Simple Excel X	
		Other - specify (oil, etc.)		Site Spec		STARS list		TPH DRO		NYSDEC EQUIS	
		WW - wastewater		Nassau Co.		BN Only		CT ETPH		EQUIS (std)	
		GW - groundwater		Suffolk Co.		Acids Only		NY 310-13		EZ-EDD (EQUIS)	
		DW - drinking water		Ketones		PAH list		TAGM list		NUDEP SRP HazSite EDD	
		Air-A - ambient air		Oxygenates		TAGM list		App. IX		GIS/KEY (std)	
Air-SV - soil vapor		TCL list		TCLP list		CT RCP list		Other			
Date Sampled		Sample Matrix		Choose Analyses Needed from the Menu Above and Enter Below		Metals		Misc. Org		York Regulatory Comparison	
W12121812:1000NP2-6	12/18/12 1000	GW		Fe by EPA 200.7 Fe; Dissolved by EPA 6010 (SW 846-6010B) / VOCs,		Total		TPH GRO		Excel Spreadsheet	
W12121812:1000NP2-7	1005	GW		P260 List (EPA SW 845-8260B) plus from 113		TCLP list		TPH DRO		Compare to the following Regt. (please fill in)	
W12121812:1010NP2-10	1010	GW		Fe by EPA 200.7 Fe; Dissolved by EPA 6010 (SW 846-6010B) / VOCs		TCLP Herb		Air STARS			
				P260 List (EPA SW 845-8260A) plus from 113 / TD5 (SH 2540C)		Chlordane		Air VPH			
						App. IX		Air TICs			
						TCLP BNA		Mediane			
						SPL P or TCLP		Helgon			
						8021B list		TAGM			
Comments		Preservation		4°C		Frozen	HCl	MeOH	HNO ₃	H ₂ O	NaOH
		Check those Applicable		ZnAc	Ascorbic Acid	Other					
		Special Instructions									
		Field Filtered									
		Lab to Filter									
Temperature on Receipt		Samples Relinquished By		Date/Time		Samples Received By		Date/Time		Temperature on Receipt	
		Valerie Vano		6/20/12		Adrian		11/20/12		42°C	

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. 1260752

Page 1 of 1

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: <u>LBG</u>	Address: <u>4 Research Dr, Suite 301</u>	Company: <u>Same</u>	Address: <u>Same</u>	Company: <u>Same</u>	Address: <u>Same</u>	<u>Rowe Industries</u>		☐ RUSH - Same Day	☐ Summary Report <u>X</u> pdf	☐ Summary w/ QA summary <u>X</u> pdf	
Phone No. <u>203-929-8555</u>	Attention: <u></u>	Phone No. <u></u>	Attention: <u></u>	Phone No. <u></u>	Attention: <u></u>	<u>Purchase Order No. NAB5AG</u>		☐ RUSH - Next Day	☐ CT RCP Package	☐ CT RCP Package	
Contact Person: <u>Tunde Sandor</u>	E-Mail Address: <u>TSandor@LBGCT.com</u>	Matrix Codes	Sample Matrix	Date Sampled	Sample Identification	Samples from: CT <u>NY</u> <u>X</u> NJ		☐ RUSH - Two Day	☐ NY ASP A Package	☐ NY ASP B Package <u>NP2-10 only</u>	
Print Clearly and Legibly. All Information must be completed. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.		Other - specify (oil, etc.)	WW - wastewater	<u>12/18/12</u>	<u>1000NP2-6</u>	Standard(5-7 Days) ☒		☐ RUSH - Three Day	☐ NY ASP B Package <u>NP2-10 only</u>	☐ NIDEP Red. Deliv.	
 Samples Collected/Authorized By (Signature) <u>STEPHEN HNAS</u> Name (printed)		Matrix Codes	WW - wastewater	<u>12/18/12</u>	<u>1005NP2-7</u>	Electron Data Deliverables (EDD)		☐ RUSH - Four Day	☐ NIDEP Red. Deliv.	☐ NIDEP Red. Deliv.	
		Matrix Codes	DW - drinking water	<u>12/18/12</u>	<u>1010NP2-10</u>	Simple Excel <u>X</u>		☐ Simple Excel	☐ Simple Excel	☐ Simple Excel	
		Matrix Codes	Air-A - ambient air			NYSDEC EQuls		☐ Reactivity	☐ Reactivity	☐ Reactivity	
		Matrix Codes	Air-SV - soil vapor			EQuls (std)		☐ Ignitability	☐ Ignitability	☐ Ignitability	
		Matrix Codes				EZ-EDD (EQuls)		☐ Flash Point	☐ Flash Point	☐ Flash Point	
		Matrix Codes				NIDEP SRP HazSite EDD		☐ Full App IX	☐ Full App IX	☐ Full App IX	
		Matrix Codes				GIS/KEY (std)		☐ Full App IX	☐ Full App IX	☐ Full App IX	
		Matrix Codes				Other		☐ Full App IX	☐ Full App IX	☐ Full App IX	
		Matrix Codes				York Regulatory Comparison		☐ Full App IX	☐ Full App IX	☐ Full App IX	
		Matrix Codes				Excel Spreadsheet		☐ Full App IX	☐ Full App IX	☐ Full App IX	
		Matrix Codes				Compare to the following Regs. (please fill in):		☐ Full App IX	☐ Full App IX	☐ Full App IX	
		Matrix Codes						☐ Full App IX	☐ Full App IX	☐ Full App IX	
		Matrix Codes						☐ Full App IX	☐ Full App IX	☐ Full App IX	
		Matrix Codes						☐ Full App IX	☐ Full App IX	☐ Full App IX	
		Matrix Codes						☐ Full App IX	☐ Full App IX	☐ Full App IX	
		Matrix Codes						☐ Full App IX	☐ Full App IX	☐ Full App IX	
		Matrix Codes						☐ Full App IX	☐ Full App IX	☐ Full App IX	
		Matrix Codes						☐ Full App IX	☐ Full App IX	☐ Full App IX	
		Matrix Codes						☐ Full App IX	☐ Full App IX	☐ Full App IX	
		Matrix Codes						☐ Full App IX	☐ Full App IX	☐ Full App IX	
		Matrix Codes						☐ Full App IX	☐ Full App IX	☐ Full App IX	
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		Matrix Codes						☐ Full App IX	☐ Full App IX	☐ Full App IX	
		Matrix Codes						☐ Full App IX			

Technical Report

prepared for:

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

Report Date: 01/07/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13A0031

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 01/07/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13A0031

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 02, 2013 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13A0031-01	WQ122812:910NP2-6	Water	12/28/2012	01/02/2013
13A0031-02	WQ122812:915NP2-7	Water	12/28/2012	01/02/2013
13A0033-01	WQ122812:920NP2-10	Water	12/28/2012	01/02/2013

General Notes for York Project (SDG) No.: 13A0031

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:



Robert Q. Bradley
Laboratory Director

Date: 01/07/2013

YORK

Sample Information

Client Sample ID: WQ122812:910NP2-6

York Sample ID: 13A0031-01

York Project (SDG) No.

13A0031

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

December 28, 2012 9:10 am

Date Received

01/02/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
71-55-6	1,1,1-Trichloroethane	0.32	J	ug/L	0.024	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS

Sample Information

Client Sample ID: WQ122812:910NP2-6

York Sample ID: 13A0031-01

York Project (SDG) No.
13A0031

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 28, 2012 9:10 am

Date Received
01/02/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
67-66-3	Chloroform	0.16	J	ug/L	0.079	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
91-20-3	Naphthalene	0.45	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
127-18-4	Tetrachloroethylene	0.85		ug/L	0.070	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
79-01-6	Trichloroethylene	0.11	J	ug/L	0.071	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:03	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.4 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	91.9 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	99.9 %	81.2-127								

Sample Information

Client Sample ID: WQ122812:910NP2-6

York Sample ID: 13A0031-01

York Project (SDG) No.
13A0031

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 28, 2012 9:10 am

Date Received
01/02/2013

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	01/03/2013 15:25	01/03/2013 17:20	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.494		mg/L	0.0100	0.0200	1	EPA 200.7	01/03/2013 15:25	01/03/2013 17:25	MW

Sample Information

Client Sample ID: WQ122812:915NP2-7

York Sample ID: 13A0031-02

York Project (SDG) No.
13A0031

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 28, 2012 9:15 am

Date Received
01/02/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 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	01/04/2013 08:27	01/04/2013 18:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS

Sample Information

Client Sample ID: WQ122812:915NP2-7

York Sample ID: 13A0031-02

York Project (SDG) No.
13A0031

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 28, 2012 9:15 am

Date Received
01/02/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
91-20-3	Naphthalene	0.24	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS

Sample Information

Client Sample ID: WQ122812:915NP2-7

York Sample ID: 13A0031-02

York Project (SDG) No.
13A0031

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 28, 2012 9:15 am

Date Received
01/02/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 18:39	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	92.3 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	99.5 %		81.2-127							

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	01/03/2013 15:25	01/03/2013 17:30	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	2.68		mg/L	0.0100	0.0200	1	EPA 200.7	01/03/2013 15:25	01/03/2013 17:35	MW

Sample Information

Client Sample ID: WQ122812:920NP2-10

York Sample ID: 13A0033-01

York Project (SDG) No.
13A0033

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 28, 2012 9:20 am

Date Received
01/02/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS

Sample Information

Client Sample ID: WQ122812:920NP2-10

York Sample ID: 13A0033-01

York Project (SDG) No.
13A0033

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 28, 2012 9:20 am

Date Received
01/02/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
67-64-1	Acetone	1.7	J	ug/L	0.90	2.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS

Sample Information

Client Sample ID: WQ122812:920NP2-10

York Sample ID: 13A0033-01

York Project (SDG) No.
13A0033

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 28, 2012 9:20 am

Date Received
01/02/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
91-20-3	Naphthalene	0.16	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/04/2013 08:27	01/04/2013 19:15	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.2 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.1 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	97.8 %	81.2-127								

Sample Information

Client Sample ID: WQ122812:920NP2-10

York Sample ID: 13A0033-01

York Project (SDG) No.
13A0033

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 28, 2012 9:20 am

Date Received
01/02/2013

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	01/03/2013 15:25	01/03/2013 17:39	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	8.86		mg/L	0.0100	0.0200	1	EPA 200.7	01/03/2013 15:25	01/03/2013 18:08	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	135		mg/L	1.00	1.00	1	SM 2540C	01/04/2013 12:59	01/04/2013 12:59	ALD

Analytical Batch Summary

Batch ID: BA30085 **Preparation Method:** % Solids Prep **Prepared By:** JCC

YORK Sample ID	Client Sample ID	Preparation Date
13A0033-01	WQ122812:920NP2-10	01/04/13
BA30085-BLK1	Blank	01/04/13

Batch ID: BA30087 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13A0031-01	WQ122812:910NP2-6	01/03/13
13A0031-01	WQ122812:910NP2-6	01/03/13
13A0031-02	WQ122812:915NP2-7	01/03/13
13A0031-02	WQ122812:915NP2-7	01/03/13
13A0033-01	WQ122812:920NP2-10	01/03/13
13A0033-01	WQ122812:920NP2-10	01/03/13
BA30087-BLK1	Blank	01/03/13
BA30087-BLK1	Blank	01/03/13
BA30087-DUP1	Duplicate	01/03/13
BA30087-DUP1	Duplicate	01/03/13
BA30087-MS1	Matrix Spike	01/03/13
BA30087-MS1	Matrix Spike	01/03/13
BA30087-SRM1	Reference	01/03/13
BA30087-SRM1	Reference	01/03/13

Batch ID: BA30116 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13A0031-01	WQ122812:910NP2-6	01/04/13
13A0031-02	WQ122812:915NP2-7	01/04/13
13A0033-01	WQ122812:920NP2-10	01/04/13
BA30116-BLK1	Blank	01/04/13
BA30116-BS1	LCS	01/04/13
BA30116-BSD1	LCS Dup	01/04/13

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BA30116 - EPA 5030B

Blank (BA30116-BLK1)

Prepared & Analyzed: 01/04/2013

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	0.60	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	3.2	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 BA30116 - EPA 5030B											
Blank (BA30116-BLK1)											
Prepared & Analyzed: 01/04/2013											
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	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.17</i>		<i>"</i>	<i>10.0</i>		<i>91.7</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.11</i>		<i>"</i>	<i>10.0</i>		<i>91.1</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>81.2-127</i>				
LCS (BA30116-BS1)											
Prepared & Analyzed: 01/04/2013											
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82.3-130				
1,1,1-Trichloroethane	10.6		"	10.0		106	75.6-137				
1,1,2,2-Tetrachloroethane	11.1		"	10.0		111	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.5		"	10.0		125	71.1-129				
1,1,2-Trichloroethane	11.0		"	10.0		110	74.5-129				
1,1-Dichloroethane	11.0		"	10.0		110	79.6-132				
1,1-Dichloroethylene	10.7		"	10.0		107	80.2-146				
1,1-Dichloropropylene	10.4		"	10.0		104	75-136				
1,2,3-Trichlorobenzene	11.2		"	10.0		112	66.1-136				
1,2,3-Trichloropropane	10.4		"	10.0		104	63-131				
1,2,4-Trichlorobenzene	11.0		"	10.0		110	70.6-136				
1,2,4-Trimethylbenzene	10.3		"	10.0		103	75.3-135				
1,2-Dibromo-3-chloropropane	11.3		"	10.0		113	58.9-140				
1,2-Dibromoethane	10.6		"	10.0		106	79-130				
1,2-Dichlorobenzene	11.0		"	10.0		110	76.1-122				
1,2-Dichloroethane	10.7		"	10.0		107	74.6-132				
1,2-Dichloropropane	10.8		"	10.0		108	76.9-129				
1,3,5-Trimethylbenzene	10.2		"	10.0		102	70.6-127				
1,3-Dichlorobenzene	10.6		"	10.0		106	77-124				
1,3-Dichloropropane	11.0		"	10.0		110	75.8-126				
1,4-Dichlorobenzene	10.5		"	10.0		105	76.6-125				
2,2-Dichloropropane	9.91		"	10.0		99.1	69-133				
2-Chlorotoluene	10.6		"	10.0		106	66.3-119				
2-Hexanone	10.4		"	10.0		104	70-130				
4-Chlorotoluene	11.0		"	10.0		110	69.2-127				
Acetone	10.2		"	10.0		102	70-130				
Benzene	10.8		"	10.0		108	76.2-129				
Bromobenzene	10.6		"	10.0		106	71.3-123				
Bromochloromethane	11.6		"	10.0		116	70.8-137				
Bromodichloromethane	10.9		"	10.0		109	79.7-134				
Bromoform	10.7		"	10.0		107	70.5-141				
Bromomethane	9.99		"	10.0		99.9	43.9-147				
Carbon tetrachloride	10.7		"	10.0		107	78.1-138				
Chlorobenzene	10.9		"	10.0		109	80.4-125				
Chloroethane	10.3		"	10.0		103	55.8-140				
Chloroform	11.2		"	10.0		112	76.6-133				
Chloromethane	10.5		"	10.0		105	48.8-115				
cis-1,2-Dichloroethylene	11.1		"	10.0		111	75.1-128				
cis-1,3-Dichloropropylene	11.2		"	10.0		112	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 BA30116 - EPA 5030B											
LCS (BA30116-BS1)						Prepared & Analyzed: 01/04/2013					
Dibromochloromethane	11.2		ug/L	10.0		112	79.8-134				
Dibromomethane	10.5		"	10.0		105	79-130				
Dichlorodifluoromethane	12.4		"	10.0		124	47.1-101	High Bias			
Ethyl Benzene	11.2		"	10.0		112	80.8-128				
Hexachlorobutadiene	10.4		"	10.0		104	64.8-128				
Isopropylbenzene	10.6		"	10.0		106	75.5-135				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	65.1-140				
Methylene chloride	10.8		"	10.0		108	61.3-120				
Naphthalene	11.2		"	10.0		112	62.3-148				
n-Butylbenzene	10.2		"	10.0		102	67.2-123				
n-Propylbenzene	10.6		"	10.0		106	70.5-127				
o-Xylene	10.8		"	10.0		108	75.9-122				
p- & m- Xylenes	21.9		"	20.0		110	77.7-127				
p-Isopropyltoluene	10.7		"	10.0		107	75.6-129				
sec-Butylbenzene	10.9		"	10.0		109	71.5-125				
Styrene	11.6		"	10.0		116	77.8-123				
tert-Butylbenzene	10.9		"	10.0		109	75.9-151				
Tetrachloroethylene	11.0		"	10.0		110	63.6-167				
Toluene	11.0		"	10.0		110	77-123				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	76.3-139				
trans-1,3-Dichloropropylene	10.7		"	10.0		107	72.5-137				
Trichloroethylene	11.0		"	10.0		110	77.9-130				
Trichlorofluoromethane	11.2		"	10.0		112	57.4-133				
Vinyl Chloride	11.3		"	10.0		113	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.63</i>		<i>"</i>	<i>10.0</i>		<i>96.3</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.72</i>		<i>"</i>	<i>10.0</i>		<i>97.2</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>81.2-127</i>				

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 BA30116 - EPA 5030B											
LCS Dup (BA30116-BSD1)						Prepared & Analyzed: 01/04/2013					
1,1,1,2-Tetrachloroethane	9.70		ug/L	10.0		97.0	82.3-130		12.7	21.1	
1,1,1-Trichloroethane	10.0		"	10.0		100	75.6-137		5.80	19.7	
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	71.3-131		10.3	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0		115	71.1-129		7.67	21.7	
1,1,2-Trichloroethane	9.71		"	10.0		97.1	74.5-129		12.9	20.3	
1,1-Dichloroethane	10.8		"	10.0		108	79.6-132		1.19	20.6	
1,1-Dichloroethylene	10.4		"	10.0		104	80.2-146		3.13	20	
1,1-Dichloropropylene	9.95		"	10.0		99.5	75-136		4.81	19.3	
1,2,3-Trichlorobenzene	9.75		"	10.0		97.5	66.1-136		13.7	21.6	
1,2,3-Trichloropropane	10.0		"	10.0		100	63-131		3.52	23.9	
1,2,4-Trichlorobenzene	9.90		"	10.0		99.0	70.6-136		10.4	21.7	
1,2,4-Trimethylbenzene	9.48		"	10.0		94.8	75.3-135		8.68	18.8	
1,2-Dibromo-3-chloropropane	9.97		"	10.0		99.7	58.9-140		12.9	27.7	
1,2-Dibromoethane	9.99		"	10.0		99.9	79-130		5.45	23	
1,2-Dichlorobenzene	9.77		"	10.0		97.7	76.1-122		12.1	19.8	
1,2-Dichloroethane	10.3		"	10.0		103	74.6-132		3.14	20.2	
1,2-Dichloropropane	10.0		"	10.0		100	76.9-129		7.66	20.7	
1,3,5-Trimethylbenzene	9.23		"	10.0		92.3	70.6-127		9.79	18.9	
1,3-Dichlorobenzene	9.64		"	10.0		96.4	77-124		9.30	19.2	
1,3-Dichloropropane	9.96		"	10.0		99.6	75.8-126		10.4	22.1	
1,4-Dichlorobenzene	9.35		"	10.0		93.5	76.6-125		11.2	18.6	
2,2-Dichloropropane	9.57		"	10.0		95.7	69-133		3.49	19.8	
2-Chlorotoluene	9.82		"	10.0		98.2	66.3-119		7.36	21.6	
2-Hexanone	9.50		"	10.0		95.0	70-130		8.85	30	
4-Chlorotoluene	9.86		"	10.0		98.6	69.2-127		11.3	19	
Acetone	11.3		"	10.0		113	70-130		10.5	30	
Benzene	10.5		"	10.0		105	76.2-129		3.00	19	
Bromobenzene	9.70		"	10.0		97.0	71.3-123		9.06	20.3	
Bromochloromethane	11.6		"	10.0		116	70.8-137		0.0863	23.9	
Bromodichloromethane	9.70		"	10.0		97.0	79.7-134		11.3	21	
Bromoform	9.78		"	10.0		97.8	70.5-141		8.89	21.8	
Bromomethane	9.40		"	10.0		94.0	43.9-147		6.09	28.4	
Carbon tetrachloride	10.3		"	10.0		103	78.1-138		3.99	20.1	
Chlorobenzene	9.94		"	10.0		99.4	80.4-125		9.58	19.9	
Chloroethane	11.0		"	10.0		110	55.8-140		5.92	23.3	
Chloroform	10.7		"	10.0		107	76.6-133		4.20	20.3	
Chloromethane	10.7		"	10.0		107	48.8-115		1.89	24.5	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	75.1-128		8.34	20.5	
cis-1,3-Dichloropropylene	10.2		"	10.0		102	74.5-128		9.59	19.9	
Dibromochloromethane	10.0		"	10.0		100	79.8-134		10.5	21.3	
Dibromomethane	9.84		"	10.0		98.4	79-130		6.49	22.4	
Dichlorodifluoromethane	11.4		"	10.0		114	47.1-101	High Bias	9.00	23.9	
Ethyl Benzene	10.1		"	10.0		101	80.8-128		10.9	19.2	
Hexachlorobutadiene	9.05		"	10.0		90.5	64.8-128		13.5	20.6	
Isopropylbenzene	9.63		"	10.0		96.3	75.5-135		9.50	20	
Methyl tert-butyl ether (MTBE)	9.56		"	10.0		95.6	65.1-140		10.0	23.6	
Methylene chloride	10.2		"	10.0		102	61.3-120		4.76	20.4	
Naphthalene	9.63		"	10.0		96.3	62.3-148		15.4	27.1	
n-Butylbenzene	9.15		"	10.0		91.5	67.2-123		11.0	19.1	
n-Propylbenzene	9.51		"	10.0		95.1	70.5-127		10.5	23.4	
o-Xylene	9.67		"	10.0		96.7	75.9-122		11.5	19.3	
p- & m- Xylenes	19.6		"	20.0		97.8	77.7-127		11.5	18.6	
p-Isopropyltoluene	9.60		"	10.0		96.0	75.6-129		11.0	19.1	
sec-Butylbenzene	9.75		"	10.0		97.5	71.5-125		11.5	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
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Batch BA30116 - EPA 5030B

LCS Dup (BA30116-BSD1)

Prepared & Analyzed: 01/04/2013

Styrene	10.3		ug/L	10.0		103	77.8-123		12.4	20.9
tert-Butylbenzene	9.96		"	10.0		99.6	75.9-151		8.74	20.9
Tetrachloroethylene	10.0		"	10.0		100	63.6-167		9.32	27.7
Toluene	9.94		"	10.0		99.4	77-123		9.76	18.7
trans-1,2-Dichloroethylene	10.3		"	10.0		103	76.3-139		1.83	19.5
trans-1,3-Dichloropropylene	9.50		"	10.0		95.0	72.5-137		11.7	19.3
Trichloroethylene	9.74		"	10.0		97.4	77.9-130		12.4	20.5
Trichlorofluoromethane	10.6		"	10.0		106	57.4-133		5.40	21.4
Vinyl Chloride	10.8		"	10.0		108	54.9-124		3.80	22.3
Surrogate: 1,2-Dichloroethane-d4	10.2		"	10.0		102	72.6-129			
Surrogate: p-Bromofluorobenzene	9.68		"	10.0		96.8	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	Limit	Flag
Batch BA30087 - EPA 3010A											
Blank (BA30087-BLK1)								Prepared & Analyzed: 01/03/2013			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BA30087-DUP1)								Prepared & Analyzed: 01/03/2013			
Iron - Dissolved	ND	0.0200	mg/L		0.0156					20	
Matrix Spike (BA30087-MS1)								Prepared & Analyzed: 01/03/2013			
Iron - Dissolved	1.04	0.0200	mg/L	1.00	0.0156	102	75-125				
Reference (BA30087-SRM1)								Prepared & Analyzed: 01/03/2013			
Iron - Dissolved	0.457	0.0200	mg/L	0.462		99.0	87.9-114				

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 BA30087 - EPA 3010A											
Blank (BA30087-BLK1)								Prepared & Analyzed: 01/03/2013			
Iron	ND	0.0200	mg/L								
Duplicate (BA30087-DUP1)								Prepared & Analyzed: 01/03/2013			
*Source sample: 13A0033-01 (WQ122812:920NP2-10)											
Iron	8.99	0.0200	mg/L		8.86				1.48	20	
Matrix Spike (BA30087-MS1)								Prepared & Analyzed: 01/03/2013			
*Source sample: 13A0033-01 (WQ122812:920NP2-10)											
Iron	10.0	0.0200	mg/L	1.00	8.86	116	75-125				
Reference (BA30087-SRM1)								Prepared & Analyzed: 01/03/2013			
Iron	0.457	0.0200	mg/L	0.462		99.0	87.9-114				

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
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Batch BA30085 - % Solids Prep**Blank (BA30085-BLK1)**

Prepared & Analyzed: 01/04/2013

Total Dissolved Solids	ND	1.00	mg/L								
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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13A0031-01	WQ122812:910NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13A0031-02	WQ122812:915NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13A0033-01	WQ122812:920NP2-10	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.

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. 13A0031

[illegible]

ANALYTICAL LABORATORIES, INC.

1120 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. signature binds you to York's Std. Terms & Conditions.

York Project No. 13A0033

Page 1 of 1

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: <u>LB6</u>	Address: <u>4 Research Dr Suite 301</u>	Company: <u>Same</u>	Address: <u>Same</u>	Company: <u>Same</u>	Address: <u>Same</u>	<u>Rowe Industries</u>		☐ RUSH - Same Day	☐ RUSH - Next Day	Summary Report <u>X</u> , pdf	
Phone No. <u>203-929-8555</u>	Address: <u>Shelton, CT 06484</u>	Phone No. <u>Same</u>	Address: <u>Same</u>	Phone No. <u>Same</u>	Address: <u>Same</u>	<u>Purchase Order No. NAB5A6</u>		☐ RUSH - Two Day	☐ RUSH - Three Day	Summary w/ QA Summary <u>X</u> , pdf	
Contact Person: <u>Tunde Sandoz</u>	Address: <u>Shelton, CT 06484</u>	Attention: <u>Same</u>	Address: <u>Same</u>	Attention: <u>Same</u>	Address: <u>Same</u>	<u>Purchase Order No. NAB5A6</u>		☐ RUSH - Four Day	☐ RUSH - Next Day	CT RCP Package	
E-Mail Address: <u>TSandoz@LB6CT.com</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	<u>Purchase Order No. NAB5A6</u>		☐ Standard (5-7 Days) ☒ Expedited		CT RCP DQADUE Pkg	
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.		Matrix Codes		Volatiles		Semi-Volatiles		Metals		Misc. Org.	
		S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		TICs 8260 full 624 STARS list BTX MTBE TCL list TAGM list Oxygenates TCLP list 524.2 502.2 NIDEP list Halog. only App. IX list 8021B list		Site Spec. Nassau Co. Suffolk Co. Ketones Oxygenates TCLP list 524.2 502.2 NIDEP list Halog. only App. IX list 8021B list		RCRA8 PF 13 list TAL CT 15 list TAGM list NIDEP list Total Dissolved SP/Per/TCLP Index Metals LIST Below		TPH GRO TPH DRO CT EIPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Mediane Helium	
Samples Collected/Authorized By (Signature) <u>STEPHEN TINAIT</u>		Date Sampled <u>12/28/12</u>		Sample Matrix <u>GW</u>		Choose Analyses Needed from the Menu Above and Enter Below <u>Fe by EPA 800.7/Fe, Dissolved by EPA 8010 (SW 846-60108) / VOCs, P260 list (EPA SW 845-82606) plus from 113</u>		Full Lists		Container Description(s) <u>20 20</u>	
Name (printed) <u>STEPHEN TINAIT</u>		Date Sampled <u>12/28/12</u>		Sample Matrix <u>GW</u>		Choose Analyses Needed from the Menu Above and Enter Below <u>Fe by EPA 800.7/Fe, Dissolved by EPA 8010 (SW 846-60108) / VOCs, P260 list (EPA SW 845-82606) plus from 113</u>		Full Lists		Container Description(s) <u>20 20</u>	
Name (printed) <u>STEPHEN TINAIT</u>		Date Sampled <u>12/28/12</u>		Sample Matrix <u>GW</u>		Choose Analyses Needed from the Menu Above and Enter Below <u>Fe by EPA 800.7/Fe, Dissolved by EPA 8010 (SW 846-60108) / VOCs, P260 list (EPA SW 845-82606) plus from 113</u>		Full Lists		Container Description(s) <u>20 20</u>	

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

Technical Report

prepared for:

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

Report Date: 12/26/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12L0556

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 12/26/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12L0556

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 December 14, 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12L0556-01	GWQ121212:1200NP1-1-2	Water	12/12/2012	12/14/2012
12L0556-02	GWQ121212:1342NP1-1-3	Water	12/12/2012	12/14/2012
12L0556-03	GWQ121212:1240NP1-1-4	Water	12/12/2012	12/14/2012
12L0556-04	GWQ121212:1318NP1-1-5	Water	12/12/2012	12/14/2012
12L0556-05	GWQ121212:1210NP1-1-6	Water	12/12/2012	12/14/2012
12L0556-06	GWQ121212:1230NP1-1-7	Water	12/12/2012	12/14/2012
12L0556-07	GWQ121212:1250NP1-1-8	Water	12/12/2012	12/14/2012
12L0556-08	GWQ121212:1228NP1-1-9	Water	12/12/2012	12/14/2012

General Notes for York Project (SDG) No.: 12L0556

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:



Robert Q. Bradley
Laboratory Director

Date: 12/26/2012

YORK

Sample Information

Client Sample ID: GWQ121212:1200NP1-1-2

York Sample ID: 12L0556-01

York Project (SDG) No.

12L0556

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

December 12, 2012 12:00 pm

Date Received

12/14/2012

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	12/21/2012 15:22	12/22/2012 11:05	SS
71-55-6	1,1,1-Trichloroethane	0.24	J	ug/L	0.024	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
67-64-1	Acetone	1.0	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS

Sample Information

Client Sample ID: GWQ121212:1200NP1-1-2

York Sample ID: 12L0556-01

York Project (SDG) No.
12L0556

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 12:00 pm

Date Received
12/14/2012

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	12/21/2012 15:22	12/22/2012 11:05	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
156-59-2	cis-1,2-Dichloroethylene	0.70		ug/L	0.069	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
127-18-4	Tetrachloroethylene	1.3		ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
79-01-6	Trichloroethylene	0.66		ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:05	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	97.7 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.4 %	81.2-127								

Sample Information

Client Sample ID: GWQ121212:1200NP1-1-2

York Sample ID: 12L0556-01

<u>York Project (SDG) No.</u> 12L0556	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> December 12, 2012 12:00 pm	<u>Date Received</u> 12/14/2012
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Sample Information

Client Sample ID: GWQ121212:1342NP1-1-3

York Sample ID: 12L0556-02

<u>York Project (SDG) No.</u> 12L0556	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> December 12, 2012 1:42 pm	<u>Date Received</u> 12/14/2012
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Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	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	12/21/2012 15:22	12/22/2012 11:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
67-64-1	Acetone	1.4	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS

Sample Information

Client Sample ID: GWQ121212:1342NP1-1-3

York Sample ID: 12L0556-02

York Project (SDG) No.
12L0556

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 1:42 pm

Date Received
12/14/2012

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	12/21/2012 15:22	12/22/2012 11:42	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
75-09-2	Methylene chloride	0.28	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
1330-20-7P/M	p- & m- Xylenes	0.22	J	ug/L	0.090	1.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
127-18-4	Tetrachloroethylene	0.10	J	ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
79-01-6	Trichloroethylene	0.18	J	ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS

Sample Information

Client Sample ID: GWQ121212:1342NP1-1-3

York Sample ID: 12L0556-02

York Project (SDG) No.
12L0556

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 1:42 pm

Date Received
12/14/2012

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	12/21/2012 15:22	12/22/2012 11:42	SS
1330-20-7	Xylenes, Total	0.22	J	ug/L	0.12	1.5	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 11:42	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	99.0 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	96.4 %		81.2-127							

Sample Information

Client Sample ID: GWQ121212:1240NP1-1-4

York Sample ID: 12L0556-03

York Project (SDG) No.
12L0556

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 12:40 pm

Date Received
12/14/2012

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	12/21/2012 15:22	12/22/2012 12:19	SS
71-55-6	1,1,1-Trichloroethane	2.1		ug/L	0.024	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
75-34-3	1,1-Dichloroethane	1.1		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS

Sample Information

Client Sample ID: GWQ121212:1240NP1-1-4

York Sample ID: 12L0556-03

York Project (SDG) No.
12L0556

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 12:40 pm

Date Received
12/14/2012

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	12/21/2012 15:22	12/22/2012 12:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
67-64-1	Acetone	1.0	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
67-66-3	Chloroform	0.24	J	ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
75-09-2	Methylene chloride	0.28	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS

Sample Information

Client Sample ID: GWQ121212:1240NP1-1-4

York Sample ID: 12L0556-03

York Project (SDG) No.
12L0556

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 12:40 pm

Date Received
12/14/2012

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	12/21/2012 15:22	12/22/2012 12:19	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
127-18-4	Tetrachloroethylene	0.96		ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
79-01-6	Trichloroethylene	0.14	J	ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:19	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	96.8 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	99.3 %		81.2-127							

Sample Information

Client Sample ID: GWQ121212:1318NP1-1-5

York Sample ID: 12L0556-04

York Project (SDG) No.
12L0556

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 1:18 pm

Date Received
12/14/2012

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	12/21/2012 15:22	12/22/2012 12:56	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS

Sample Information

Client Sample ID: GWQ121212:1318NP1-1-5

York Sample ID: 12L0556-04

York Project (SDG) No.
12L0556

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 1:18 pm

Date Received
12/14/2012

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	12/21/2012 15:22	12/22/2012 12:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
67-64-1	Acetone	0.90	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
67-66-3	Chloroform	0.96		ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS

Sample Information

Client Sample ID: GWQ121212:1318NP1-1-5

York Sample ID: 12L0556-04

York Project (SDG) No.
12L0556

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 1:18 pm

Date Received
12/14/2012

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	0.26	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
95-47-6	o-Xylene	0.12	J	ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
1330-20-7P/M	p- & m- Xylenes	0.37	J	ug/L	0.090	1.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
1330-20-7	Xylenes, Total	0.49	J	ug/L	0.12	1.5	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 12:56	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.4 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	100 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	99.3 %	81.2-127								

Sample Information

Client Sample ID: GWQ121212:1210NP1-1-6

York Sample ID: 12L0556-05

York Project (SDG) No.
12L0556

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 12:10 pm

Date Received
12/14/2012

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	12/21/2012 15:22	12/22/2012 13:34	SS
71-55-6	1,1,1-Trichloroethane	1.0		ug/L	0.024	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
79-00-5	1,1,2-Trichloroethane	0.11	J	ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS

Sample Information

Client Sample ID: GWQ121212:1210NP1-1-6

York Sample ID: 12L0556-05

York Project (SDG) No.
12L0556

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 12:10 pm

Date Received
12/14/2012

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
75-34-3	1,1-Dichloroethane	0.36	J	ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
67-64-1	Acetone	1.0	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
67-66-3	Chloroform	0.33	J	ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS

Sample Information

Client Sample ID: GWQ121212:1210NP1-1-6

York Sample ID: 12L0556-05

York Project (SDG) No.
12L0556

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 12:10 pm

Date Received
12/14/2012

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
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
75-09-2	Methylene chloride	0.30	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
127-18-4	Tetrachloroethylene	2.4		ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
79-01-6	Trichloroethylene	0.10	J	ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 13:34	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	99.6 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	97.2 %	81.2-127								

Sample Information

Client Sample ID: GWQ121212:1230NP1-1-7

York Sample ID: 12L0556-06

York Project (SDG) No.
12L0556

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 12:30 pm

Date Received
12/14/2012

Sample Information

Client Sample ID: GWQ121212:1230NP1-1-7

York Sample ID: 12L0556-06

York Project (SDG) No.
12L0556

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 12:30 pm

Date Received
12/14/2012

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	12/21/2012 15:22	12/22/2012 14:11	SS
71-55-6	1,1,1-Trichloroethane	0.18	J	ug/L	0.024	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
75-34-3	1,1-Dichloroethane	0.11	J	ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS

Sample Information

Client Sample ID: GWQ121212:1230NP1-1-7

York Sample ID: 12L0556-06

York Project (SDG) No.
12L0556

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 12:30 pm

Date Received
12/14/2012

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	12/21/2012 15:22	12/22/2012 14:11	SS
67-66-3	Chloroform	0.26	J	ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
127-18-4	Tetrachloroethylene	0.64		ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:11	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	95.8 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	98.1 %	81.2-127								

Sample Information

Client Sample ID: GWQ121212:1250NP1-1-8

York Sample ID: 12L0556-07

York Project (SDG) No.
12L0556

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 12:50 pm

Date Received
12/14/2012

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	12/21/2012 15:22	12/22/2012 14:48	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
67-64-1	Acetone	1.0	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS

Sample Information

Client Sample ID: GWQ121212:1250NP1-1-8

York Sample ID: 12L0556-07

York Project (SDG) No.
12L0556

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 12:50 pm

Date Received
12/14/2012

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	12/21/2012 15:22	12/22/2012 14:48	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
1330-20-7P/M	p- & m- Xylenes	0.22	J	ug/L	0.090	1.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
127-18-4	Tetrachloroethylene	0.13	J	ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
1330-20-7	Xylenes, Total	0.22	J	ug/L	0.12	1.5	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 14:48	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	98.8 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.8 %	81.2-127								

Sample Information

Client Sample ID: GWQ121212:1228NP1-1-9

York Sample ID: 12L0556-08

York Project (SDG) No.
12L0556

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 12:28 pm

Date Received
12/14/2012

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	12/21/2012 15:22	12/22/2012 15:25	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
67-64-1	Acetone	0.99	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS

Sample Information

Client Sample ID: GWQ121212:1228NP1-1-9

York Sample ID: 12L0556-08

York Project (SDG) No.
12L0556

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 12, 2012 12:28 pm

Date Received
12/14/2012

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	12/21/2012 15:22	12/22/2012 15:25	SS
67-66-3	Chloroform	0.13	J	ug/L	0.079	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
75-09-2	Methylene chloride	0.28	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
1330-20-7P/M	p- & m- Xylenes	0.23	J	ug/L	0.090	1.0	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
1330-20-7	Xylenes, Total	0.23	J	ug/L	0.12	1.5	1	EPA SW846-8260B	12/21/2012 15:22	12/22/2012 15:25	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	98.8 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	98.6 %	81.2-127								

Analytical Batch Summary

Batch ID: BL20973

Preparation Method: EPA 5030B

Prepared By: EKM

YORK Sample ID	Client Sample ID	Preparation Date
12L0556-01	GWQ121212:1200NP1-1-2	12/21/12
12L0556-02	GWQ121212:1342NP1-1-3	12/21/12
12L0556-03	GWQ121212:1240NP1-1-4	12/21/12
12L0556-04	GWQ121212:1318NP1-1-5	12/21/12
12L0556-05	GWQ121212:1210NP1-1-6	12/21/12
12L0556-06	GWQ121212:1230NP1-1-7	12/21/12
12L0556-07	GWQ121212:1250NP1-1-8	12/21/12
12L0556-08	GWQ121212:1228NP1-1-9	12/21/12
BL20973-BLK1	Blank	12/21/12
BL20973-BS1	LCS	12/21/12
BL20973-BSD1	LCS Dup	12/21/12
BL20973-MS1	Matrix Spike	12/21/12
BL20973-MSD1	Matrix Spike Dup	12/21/12

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
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Batch BL20973 - EPA 5030B

Blank (BL20973-BLK1)

Prepared: 12/21/2012 Analyzed: 12/22/2012

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	1.3	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	0.51	2.0	"
Naphthalene	0.29	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
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Batch BL20973 - EPA 5030B

Blank (BL20973-BLK1)

Prepared: 12/21/2012 Analyzed: 12/22/2012

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	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.77</i>		<i>"</i>	<i>10.0</i>		<i>97.7</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.71</i>		<i>"</i>	<i>10.0</i>		<i>97.1</i>	<i>81.2-127</i>				

LCS (BL20973-BS1)

Prepared: 12/21/2012 Analyzed: 12/22/2012

1,1,1,2-Tetrachloroethane	9.93		ug/L	10.0		99.3	82.3-130				
1,1,1-Trichloroethane	10.7		"	10.0		107	75.6-137				
1,1,2,2-Tetrachloroethane	8.80		"	10.0		88.0	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	9.16		"	10.0		91.6	74.5-129				
1,1-Dichloroethane	10.5		"	10.0		105	79.6-132				
1,1-Dichloroethylene	11.3		"	10.0		113	80.2-146				
1,1-Dichloropropylene	9.93		"	10.0		99.3	75-136				
1,2,3-Trichlorobenzene	10.3		"	10.0		103	66.1-136				
1,2,3-Trichloropropane	8.51		"	10.0		85.1	63-131				
1,2,4-Trichlorobenzene	10.1		"	10.0		101	70.6-136				
1,2,4-Trimethylbenzene	10.2		"	10.0		102	75.3-135				
1,2-Dibromo-3-chloropropane	8.51		"	10.0		85.1	58.9-140				
1,2-Dibromoethane	9.56		"	10.0		95.6	79-130				
1,2-Dichlorobenzene	9.11		"	10.0		91.1	76.1-122				
1,2-Dichloroethane	9.92		"	10.0		99.2	74.6-132				
1,2-Dichloropropane	9.68		"	10.0		96.8	76.9-129				
1,3,5-Trimethylbenzene	9.48		"	10.0		94.8	70.6-127				
1,3-Dichlorobenzene	9.02		"	10.0		90.2	77-124				
1,3-Dichloropropane	9.36		"	10.0		93.6	75.8-126				
1,4-Dichlorobenzene	9.09		"	10.0		90.9	76.6-125				
2,2-Dichloropropane	6.37		"	10.0		63.7	69-133	Low Bias			
2-Chlorotoluene	8.77		"	10.0		87.7	66.3-119				
2-Hexanone	10.2		"	10.0		102	70-130				
4-Chlorotoluene	9.02		"	10.0		90.2	69.2-127				
Acetone	9.46		"	10.0		94.6	70-130				
Benzene	10.0		"	10.0		100	76.2-129				
Bromobenzene	8.89		"	10.0		88.9	71.3-123				
Bromochloromethane	10.2		"	10.0		102	70.8-137				
Bromodichloromethane	9.63		"	10.0		96.3	79.7-134				
Bromoform	8.97		"	10.0		89.7	70.5-141				
Bromomethane	10.8		"	10.0		108	43.9-147				
Carbon tetrachloride	10.9		"	10.0		109	78.1-138				
Chlorobenzene	9.75		"	10.0		97.5	80.4-125				
Chloroethane	10.8		"	10.0		108	55.8-140				
Chloroform	10.4		"	10.0		104	76.6-133				
Chloromethane	10.2		"	10.0		102	48.8-115				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	75.1-128				
cis-1,3-Dichloropropylene	8.87		"	10.0		88.7	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 BL20973 - EPA 5030B											
LCS (BL20973-BS1)						Prepared: 12/21/2012 Analyzed: 12/22/2012					
Dibromochloromethane	9.66		ug/L	10.0		96.6	79.8-134				
Dibromomethane	9.48		"	10.0		94.8	79-130				
Dichlorodifluoromethane	11.3		"	10.0		113	47.1-101	High Bias			
Ethyl Benzene	10.0		"	10.0		100	80.8-128				
Hexachlorobutadiene	9.07		"	10.0		90.7	64.8-128				
Isopropylbenzene	9.31		"	10.0		93.1	75.5-135				
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	65.1-140				
Methylene chloride	10.1		"	10.0		101	61.3-120				
Naphthalene	10.6		"	10.0		106	62.3-148				
n-Butylbenzene	8.58		"	10.0		85.8	67.2-123				
n-Propylbenzene	9.13		"	10.0		91.3	70.5-127				
o-Xylene	9.80		"	10.0		98.0	75.9-122				
p- & m- Xylenes	20.0		"	20.0		100	77.7-127				
p-Isopropyltoluene	9.41		"	10.0		94.1	75.6-129				
sec-Butylbenzene	9.34		"	10.0		93.4	71.5-125				
Styrene	12.8		"	10.0		128	77.8-123	High Bias			
tert-Butylbenzene	9.51		"	10.0		95.1	75.9-151				
Tetrachloroethylene	10.6		"	10.0		106	63.6-167				
Toluene	9.50		"	10.0		95.0	77-123				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	76.3-139				
trans-1,3-Dichloropropylene	8.80		"	10.0		88.0	72.5-137				
Trichloroethylene	9.76		"	10.0		97.6	77.9-130				
Trichlorofluoromethane	11.8		"	10.0		118	57.4-133				
Vinyl Chloride	11.0		"	10.0		110	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.69</i>		<i>"</i>	<i>10.0</i>		<i>96.9</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.63</i>		<i>"</i>	<i>10.0</i>		<i>96.3</i>	<i>81.2-127</i>				

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 BL20973 - EPA 5030B											
LCS Dup (BL20973-BSD1)						Prepared: 12/21/2012 Analyzed: 12/22/2012					
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82.3-130		4.05	21.1	
1,1,1-Trichloroethane	11.2		"	10.0		112	75.6-137		4.49	19.7	
1,1,2,2-Tetrachloroethane	9.36		"	10.0		93.6	71.3-131		6.17	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.4		"	10.0		124	71.1-129		2.87	21.7	
1,1,2-Trichloroethane	9.97		"	10.0		99.7	74.5-129		8.47	20.3	
1,1-Dichloroethane	11.2		"	10.0		112	79.6-132		5.81	20.6	
1,1-Dichloroethylene	11.8		"	10.0		118	80.2-146		4.08	20	
1,1-Dichloropropylene	10.4		"	10.0		104	75-136		4.72	19.3	
1,2,3-Trichlorobenzene	11.5		"	10.0		115	66.1-136		10.7	21.6	
1,2,3-Trichloropropane	9.03		"	10.0		90.3	63-131		5.93	23.9	
1,2,4-Trichlorobenzene	11.1		"	10.0		111	70.6-136		8.96	21.7	
1,2,4-Trimethylbenzene	10.7		"	10.0		107	75.3-135		4.67	18.8	
1,2-Dibromo-3-chloropropane	9.31		"	10.0		93.1	58.9-140		8.98	27.7	
1,2-Dibromoethane	10.2		"	10.0		102	79-130		6.18	23	
1,2-Dichlorobenzene	9.59		"	10.0		95.9	76.1-122		5.13	19.8	
1,2-Dichloroethane	10.8		"	10.0		108	74.6-132		8.22	20.2	
1,2-Dichloropropane	10.1		"	10.0		101	76.9-129		4.64	20.7	
1,3,5-Trimethylbenzene	9.93		"	10.0		99.3	70.6-127		4.64	18.9	
1,3-Dichlorobenzene	9.71		"	10.0		97.1	77-124		7.37	19.2	
1,3-Dichloropropane	10.3		"	10.0		103	75.8-126		9.17	22.1	
1,4-Dichlorobenzene	9.68		"	10.0		96.8	76.6-125		6.29	18.6	
2,2-Dichloropropane	6.54		"	10.0		65.4	69-133	Low Bias	2.63	19.8	
2-Chlorotoluene	9.24		"	10.0		92.4	66.3-119		5.22	21.6	
2-Hexanone	10.9		"	10.0		109	70-130		6.55	30	
4-Chlorotoluene	9.46		"	10.0		94.6	69.2-127		4.76	19	
Acetone	10.0		"	10.0		100	70-130		5.75	30	
Benzene	10.8		"	10.0		108	76.2-129		7.68	19	
Bromobenzene	9.27		"	10.0		92.7	71.3-123		4.19	20.3	
Bromochloromethane	10.9		"	10.0		109	70.8-137		7.49	23.9	
Bromodichloromethane	10.4		"	10.0		104	79.7-134		7.30	21	
Bromoform	9.79		"	10.0		97.9	70.5-141		8.74	21.8	
Bromomethane	11.5		"	10.0		115	43.9-147		6.65	28.4	
Carbon tetrachloride	11.3		"	10.0		113	78.1-138		3.97	20.1	
Chlorobenzene	10.2		"	10.0		102	80.4-125		4.32	19.9	
Chloroethane	11.2		"	10.0		112	55.8-140		4.00	23.3	
Chloroform	11.1		"	10.0		111	76.6-133		6.05	20.3	
Chloromethane	10.9		"	10.0		109	48.8-115		6.24	24.5	
cis-1,2-Dichloroethylene	10.9		"	10.0		109	75.1-128		7.13	20.5	
cis-1,3-Dichloropropylene	9.35		"	10.0		93.5	74.5-128		5.27	19.9	
Dibromochloromethane	10.8		"	10.0		108	79.8-134		11.2	21.3	
Dibromomethane	10.2		"	10.0		102	79-130		7.12	22.4	
Dichlorodifluoromethane	12.1		"	10.0		121	47.1-101	High Bias	6.65	23.9	
Ethyl Benzene	10.6		"	10.0		106	80.8-128		5.33	19.2	
Hexachlorobutadiene	9.77		"	10.0		97.7	64.8-128		7.43	20.6	
Isopropylbenzene	9.58		"	10.0		95.8	75.5-135		2.86	20	
Methyl tert-butyl ether (MTBE)	11.8		"	10.0		118	65.1-140		5.78	23.6	
Methylene chloride	10.9		"	10.0		109	61.3-120		7.51	20.4	
Naphthalene	11.8		"	10.0		118	62.3-148		10.4	27.1	
n-Butylbenzene	9.07		"	10.0		90.7	67.2-123		5.55	19.1	
n-Propylbenzene	9.45		"	10.0		94.5	70.5-127		3.44	23.4	
o-Xylene	10.3		"	10.0		103	75.9-122		5.27	19.3	
p- & m- Xylenes	20.9		"	20.0		104	77.7-127		4.45	18.6	
p-Isopropyltoluene	9.88		"	10.0		98.8	75.6-129		4.87	19.1	
sec-Butylbenzene	9.84		"	10.0		98.4	71.5-125		5.21	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
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Batch BL20973 - EPA 5030B

LCS Dup (BL20973-BSD1)

Prepared: 12/21/2012 Analyzed: 12/22/2012

Styrene	13.2		ug/L	10.0		132	77.8-123	High Bias	3.39	20.9	
tert-Butylbenzene	9.48		"	10.0		94.8	75.9-151		0.316	20.9	
Tetrachloroethylene	11.9		"	10.0		119	63.6-167		11.1	27.7	
Toluene	10.0		"	10.0		100	77-123		5.23	18.7	
trans-1,2-Dichloroethylene	11.3		"	10.0		113	76.3-139		7.22	19.5	
trans-1,3-Dichloropropylene	9.43		"	10.0		94.3	72.5-137		6.91	19.3	
Trichloroethylene	10.4		"	10.0		104	77.9-130		6.35	20.5	
Trichlorofluoromethane	12.2		"	10.0		122	57.4-133		3.67	21.4	
Vinyl Chloride	11.3		"	10.0		113	54.9-124		3.23	22.3	
Surrogate: 1,2-Dichloroethane-d4	10.7		"	10.0		107	72.6-129				
Surrogate: p-Bromofluorobenzene	9.63		"	10.0		96.3	63.5-145				
Surrogate: Toluene-d8	9.88		"	10.0		98.8	81.2-127				

Matrix Spike (BL20973-MS1)

*Source sample: 12L0556-05 (GWQ121212:1210NP1-1-6)

Prepared: 12/21/2012 Analyzed: 12/22/2012

1,1,1,2-Tetrachloroethane	9.60		ug/L	10.0	ND	96.0	82-138				
1,1,1-Trichloroethane	11.2		"	10.0	1.02	102	85.7-133				
1,1,2,2-Tetrachloroethane	9.23		"	10.0	ND	92.3	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0	ND	114	74.8-131				
1,1,2-Trichloroethane	9.59		"	10.0	0.110	94.8	82.5-129				
1,1-Dichloroethane	10.5		"	10.0	0.360	102	81.4-137				
1,1-Dichloroethylene	10.8		"	10.0	ND	108	90-138				
1,1-Dichloropropylene	9.35		"	10.0	ND	93.5	91.7-131				
1,2,3-Trichlorobenzene	12.9		"	10.0	ND	129	75.9-130				
1,2,3-Trichloropropane	9.32		"	10.0	ND	93.2	77.1-140				
1,2,4-Trichlorobenzene	12.6		"	10.0	ND	126	69.8-135				
1,2,4-Trimethylbenzene	10.2		"	10.0	ND	102	79.4-131				
1,2-Dibromo-3-chloropropane	11.2		"	10.0	ND	112	66.6-143				
1,2-Dibromoethane	9.65		"	10.0	ND	96.5	79.8-136				
1,2-Dichlorobenzene	9.45		"	10.0	ND	94.5	79.9-130				
1,2-Dichloroethane	10.1		"	10.0	ND	101	85-133				
1,2-Dichloropropane	9.41		"	10.0	ND	94.1	81.1-132				
1,3,5-Trimethylbenzene	9.24		"	10.0	ND	92.4	76.1-121				
1,3-Dichlorobenzene	9.41		"	10.0	ND	94.1	79.1-124				
1,3-Dichloropropane	9.45		"	10.0	ND	94.5	83.3-130				
1,4-Dichlorobenzene	9.43		"	10.0	ND	94.3	79.4-128				
2,2-Dichloropropane	4.27		"	10.0	ND	42.7	54.2-126	Low Bias			
2-Chlorotoluene	8.59		"	10.0	ND	85.9	60.2-144				
2-Hexanone	10.9		"	10.0	ND	109	70-130				
4-Chlorotoluene	9.10		"	10.0	ND	91.0	79.8-128				
Acetone	14.7		"	10.0	1.00	137	70-130	High Bias			
Benzene	9.80		"	10.0	ND	98.0	74.1-134				
Bromobenzene	8.95		"	10.0	ND	89.5	76.6-125				
Bromochloromethane	10.4		"	10.0	ND	104	85-133				
Bromodichloromethane	9.47		"	10.0	ND	94.7	80.8-143				
Bromoform	9.10		"	10.0	ND	91.0	65.8-164				
Bromomethane	7.75		"	10.0	ND	77.5	68.7-112				
Carbon tetrachloride	10.2		"	10.0	ND	102	85.7-138				
Chlorobenzene	9.51		"	10.0	ND	95.1	79.9-129				
Chloroethane	10.6		"	10.0	ND	106	74.7-127				
Chloroform	10.6		"	10.0	0.330	102	50.6-145				
Chloromethane	10.1		"	10.0	ND	101	64-111				
cis-1,2-Dichloroethylene	9.90		"	10.0	ND	99.0	75.5-129				
cis-1,3-Dichloropropylene	8.10		"	10.0	ND	81.0	74.3-128				
Dibromochloromethane	9.92		"	10.0	ND	99.2	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	Limit	Flag
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Batch BL20973 - EPA 5030B

Matrix Spike (BL20973-MS1)	*Source sample: 12L0556-05 (GWQ121212:1210NP1-1-6)						Prepared: 12/21/2012 Analyzed: 12/22/2012				
Dibromomethane	9.49		ug/L	10.0	ND	94.9	83.3-140				
Dichlorodifluoromethane	11.0		"	10.0	ND	110	51-100	High Bias			
Ethyl Benzene	9.71		"	10.0	ND	97.1	82.9-127				
Hexachlorobutadiene	9.57		"	10.0	ND	95.7	73-128				
Isopropylbenzene	8.76		"	10.0	ND	87.6	78.7-131				
Methyl tert-butyl ether (MTBE)	11.3		"	10.0	0.180	111	81.2-134				
Methylene chloride	10.1		"	10.0	0.300	98.4	57.8-103				
Naphthalene	14.6		"	10.0	ND	146	80.1-122	High Bias			
n-Butylbenzene	9.00		"	10.0	ND	90.0	72.4-120				
n-Propylbenzene	8.86		"	10.0	ND	88.6	74-130				
o-Xylene	9.57		"	10.0	ND	95.7	78.8-122				
p- & m- Xylenes	19.6		"	20.0	ND	98.2	82.5-123				
p-Isopropyltoluene	9.37		"	10.0	ND	93.7	64.9-132				
sec-Butylbenzene	9.18		"	10.0	ND	91.8	25.4-151				
Styrene	12.4		"	10.0	ND	124	74.1-134				
tert-Butylbenzene	9.26		"	10.0	ND	92.6	79.5-171				
Tetrachloroethylene	11.4		"	10.0	2.43	89.7	72.5-130				
Toluene	9.20		"	10.0	ND	92.0	77.8-121				
trans-1,2-Dichloroethylene	10.4		"	10.0	ND	104	83.8-140				
trans-1,3-Dichloropropylene	8.25		"	10.0	ND	82.5	74.9-136				
Trichloroethylene	9.50		"	10.0	0.100	94.0	84.4-125				
Trichlorofluoromethane	11.4		"	10.0	ND	114	78.7-127				
Vinyl Chloride	10.4		"	10.0	ND	104	72.1-116				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.7</i>		<i>"</i>	<i>10.0</i>		<i>107</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.68</i>		<i>"</i>	<i>10.0</i>		<i>96.8</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.52</i>		<i>"</i>	<i>10.0</i>		<i>95.2</i>	<i>81.2-127</i>				

Matrix Spike Dup (BL20973-MSD1)	*Source sample: 12L0556-05 (GWQ121212:1210NP1-1-6)						Prepared: 12/21/2012 Analyzed: 12/22/2012				
1,1,1,2-Tetrachloroethane	9.98		ug/L	10.0	ND	99.8	82-138		3.88	21.3	
1,1,1-Trichloroethane	11.2		"	10.0	1.02	102	85.7-133		0.196	22.6	
1,1,2,2-Tetrachloroethane	9.11		"	10.0	ND	91.1	78.6-136		1.31	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0	ND	112	74.8-131		1.77	25.6	
1,1,2-Trichloroethane	9.70		"	10.0	0.110	95.9	82.5-129		1.15	19.3	
1,1-Dichloroethane	10.7		"	10.0	0.360	103	81.4-137		1.56	20.7	
1,1-Dichloroethylene	10.8		"	10.0	ND	108	90-138		0.649	22.9	
1,1-Dichloropropylene	9.49		"	10.0	ND	94.9	91.7-131		1.49	24.9	
1,2,3-Trichlorobenzene	12.0		"	10.0	ND	120	75.9-130		7.15	21.4	
1,2,3-Trichloropropane	8.91		"	10.0	ND	89.1	77.1-140		4.50	28	
1,2,4-Trichlorobenzene	11.6		"	10.0	ND	116	69.8-135		8.83	22.5	
1,2,4-Trimethylbenzene	10.1		"	10.0	ND	101	79.4-131		0.885	33.9	
1,2-Dibromo-3-chloropropane	9.75		"	10.0	ND	97.5	66.6-143		14.2	23.3	
1,2-Dibromoethane	10.0		"	10.0	ND	100	79.8-136		3.86	19.1	
1,2-Dichlorobenzene	9.25		"	10.0	ND	92.5	79.9-130		2.14	23.2	
1,2-Dichloroethane	10.2		"	10.0	ND	102	85-133		1.38	19.1	
1,2-Dichloropropane	9.65		"	10.0	ND	96.5	81.1-132		2.52	19.9	
1,3,5-Trimethylbenzene	9.29		"	10.0	ND	92.9	76.1-121		0.540	31.2	
1,3-Dichlorobenzene	9.15		"	10.0	ND	91.5	79.1-124		2.80	22.6	
1,3-Dichloropropane	9.77		"	10.0	ND	97.7	83.3-130		3.33	20.9	
1,4-Dichlorobenzene	9.31		"	10.0	ND	93.1	79.4-128		1.28	21	
2,2-Dichloropropane	4.28		"	10.0	ND	42.8	54.2-126	Low Bias	0.234	24.5	
2-Chlorotoluene	8.67		"	10.0	ND	86.7	60.2-144		0.927	30.8	
2-Hexanone	10.5		"	10.0	ND	105	70-130		3.92	30	
4-Chlorotoluene	9.03		"	10.0	ND	90.3	79.8-128		0.772	23.2	
Acetone	13.4		"	10.0	1.00	124	70-130		10.5	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 BL20973 - EPA 5030B											
Matrix Spike Dup (BL20973-MSD1)	*Source sample: 12L0556-05 (GWQ121212:1210NP1-1-6)						Prepared: 12/21/2012 Analyzed: 12/22/2012				
Benzene	9.99		ug/L	10.0	ND	99.9	74.1-134		1.92	20.8	
Bromobenzene	8.93		"	10.0	ND	89.3	76.6-125		0.224	23	
Bromochloromethane	10.4		"	10.0	ND	104	85-133		0.385	18.4	
Bromodichloromethane	9.91		"	10.0	ND	99.1	80.8-143		4.54	18.1	
Bromoform	8.77		"	10.0	ND	87.7	65.8-164		3.69	27.3	
Bromomethane	8.77		"	10.0	ND	87.7	68.7-112		12.3	22.8	
Carbon tetrachloride	10.4		"	10.0	ND	104	85.7-138		1.93	25.1	
Chlorobenzene	9.78		"	10.0	ND	97.8	79.9-129		2.80	21	
Chloroethane	10.6		"	10.0	ND	106	74.7-127		0.378	23.7	
Chloroform	10.7		"	10.0	0.330	104	50.6-145		1.07	21.7	
Chloromethane	10.2		"	10.0	ND	102	64-111		1.48	21.4	
cis-1,2-Dichloroethylene	10.1		"	10.0	ND	101	75.5-129		2.20	20.2	
cis-1,3-Dichloropropylene	8.26		"	10.0	ND	82.6	74.3-128		1.96	19.8	
Dibromochloromethane	10.2		"	10.0	ND	102	76.8-150		3.08	20.8	
Dibromomethane	9.52		"	10.0	ND	95.2	83.3-140		0.316	20.4	
Dichlorodifluoromethane	10.9		"	10.0	ND	109	51-100	High Bias	0.274	27.6	
Ethyl Benzene	9.99		"	10.0	ND	99.9	82.9-127		2.84	21.4	
Hexachlorobutadiene	9.13		"	10.0	ND	91.3	73-128		4.71	26	
Isopropylbenzene	8.83		"	10.0	ND	88.3	78.7-131		0.796	26.7	
Methyl tert-butyl ether (MTBE)	11.4		"	10.0	0.180	113	81.2-134		1.61	21.2	
Methylene chloride	10.2		"	10.0	0.300	98.8	57.8-103		0.406	21.2	
Naphthalene	13.3		"	10.0	ND	133	80.1-122	High Bias	9.10	26.1	
n-Butylbenzene	8.71		"	10.0	ND	87.1	72.4-120		3.27	30.8	
n-Propylbenzene	8.86		"	10.0	ND	88.6	74-130		0.00	31	
o-Xylene	9.83		"	10.0	ND	98.3	78.8-122		2.68	21	
p- & m- Xylenes	20.0		"	20.0	ND	100	82.5-123		1.97	22.5	
p-Isopropyltoluene	9.27		"	10.0	ND	92.7	64.9-132		1.07	25.2	
sec-Butylbenzene	9.08		"	10.0	ND	90.8	25.4-151		1.10	25.2	
Styrene	12.7		"	10.0	ND	127	74.1-134		2.07	20	
tert-Butylbenzene	9.08		"	10.0	ND	90.8	79.5-171		1.96	24.8	
Tetrachloroethylene	11.8		"	10.0	2.43	93.3	72.5-130		3.93	22.7	
Toluene	9.42		"	10.0	ND	94.2	77.8-121		2.36	21.5	
trans-1,2-Dichloroethylene	10.6		"	10.0	ND	106	83.8-140		1.52	20.1	
trans-1,3-Dichloropropylene	8.34		"	10.0	ND	83.4	74.9-136		1.08	22.5	
Trichloroethylene	9.57		"	10.0	0.100	94.7	84.4-125		0.742	20.7	
Trichlorofluoromethane	11.2		"	10.0	ND	112	78.7-127		1.15	24.7	
Vinyl Chloride	10.5		"	10.0	ND	105	72.1-116		1.63	24.9	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.44</i>		<i>"</i>	<i>10.0</i>		<i>94.4</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.56</i>		<i>"</i>	<i>10.0</i>		<i>95.6</i>	<i>81.2-127</i>				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
12L0556-01	GWQ121212:1200NP1-1-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12L0556-02	GWQ121212:1342NP1-1-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12L0556-03	GWQ121212:1240NP1-1-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12L0556-04	GWQ121212:1318NP1-1-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12L0556-05	GWQ121212:1210NP1-1-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12L0556-06	GWQ121212:1230NP1-1-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12L0556-07	GWQ121212:1250NP1-1-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12L0556-08	GWQ121212:1228NP1-1-9	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
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.

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. 12L0556

[illegible]

Technical Report

prepared for:

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

Report Date: 01/04/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 12L0758

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 01/04/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 12L0758

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 December 20, 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.

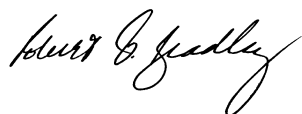
Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12L0758-01	GWQ121812; 9:48 FRW-1	Water	12/18/2012	12/20/2012
12L0758-02	GWQ121812; 10:29 FRW-2	Water	12/18/2012	12/20/2012
12L0758-03	GWQ121812; 11:31 FRW-3	Water	12/18/2012	12/20/2012
12L0758-04	GWQ121812; 12:11 FRW-4	Water	12/18/2012	12/20/2012

General Notes for York Project (SDG) No.: 12L0758

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:



Robert Q. Bradley
Laboratory Director

Date: 01/04/2013

YORK

Sample Information

Client Sample ID: GWQ121812; 9:48 FRW-1

York Sample ID: 12L0758-01

York Project (SDG) No.

12L0758

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

December 18, 2012 3:00 pm

Date Received

12/20/2012

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	12/31/2012 11:12	12/31/2012 17:22	SS
71-55-6	1,1,1-Trichloroethane	3.9		ug/L	0.024	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
75-34-3	1,1-Dichloroethane	2.2		ug/L	0.044	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
75-35-4	1,1-Dichloroethylene	0.10	J	ug/L	0.044	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
67-64-1	Acetone	3.5	B	ug/L	0.90	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
71-43-2	Benzene	0.18	J	ug/L	0.044	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS

Sample Information

Client Sample ID: GWQ121812; 9:48 FRW-1

York Sample ID: 12L0758-01

York Project (SDG) No.
12L0758

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 18, 2012 3:00 pm

Date Received
12/20/2012

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	12/31/2012 11:12	12/31/2012 17:22	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
156-59-2	cis-1,2-Dichloroethylene	60	E	ug/L	0.069	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
100-41-4	Ethyl Benzene	0.23	J	ug/L	0.057	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
95-47-6	o-Xylene	0.12	J	ug/L	0.050	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
1330-20-7P/M	p- & m- Xylenes	0.24	J	ug/L	0.090	1.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
127-18-4	Tetrachloroethylene	110	E	ug/L	0.070	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
108-88-3	Toluene	0.31	J	ug/L	0.042	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
156-60-5	trans-1,2-Dichloroethylene	0.16	J	ug/L	0.085	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
79-01-6	Trichloroethylene	29		ug/L	0.071	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
75-01-4	Vinyl Chloride	11		ug/L	0.062	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
1330-20-7	Xylenes, Total	0.36	J	ug/L	0.12	1.5	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:22	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	100 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.2 %	81.2-127								

Sample Information

Client Sample ID: GWQ121812; 10:29 FRW-2

York Sample ID: 12L0758-02

York Project (SDG) No.
12L0758

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 18, 2012 3:00 pm

Date Received
12/20/2012

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	12/31/2012 11:12	12/31/2012 17:58	SS
71-55-6	1,1,1-Trichloroethane	0.50		ug/L	0.024	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
75-34-3	1,1-Dichloroethane	0.17	J	ug/L	0.044	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
67-64-1	Acetone	31	B	ug/L	0.90	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
71-43-2	Benzene	0.33	J	ug/L	0.044	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS

Sample Information

Client Sample ID: GWQ121812; 10:29 FRW-2

York Sample ID: 12L0758-02

York Project (SDG) No.
12L0758

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 18, 2012 3:00 pm

Date Received
12/20/2012

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	12/31/2012 11:12	12/31/2012 17:58	SS
67-66-3	Chloroform	0.10	J	ug/L	0.079	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
156-59-2	cis-1,2-Dichloroethylene	51	E	ug/L	0.069	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
100-41-4	Ethyl Benzene	0.26	J	ug/L	0.057	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
95-47-6	o-Xylene	0.12	J	ug/L	0.050	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
1330-20-7P/M	p- & m- Xylenes	0.20	J	ug/L	0.090	1.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
127-18-4	Tetrachloroethylene	53	E	ug/L	0.070	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
156-60-5	trans-1,2-Dichloroethylene	0.14	J	ug/L	0.085	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
79-01-6	Trichloroethylene	13		ug/L	0.071	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
75-01-4	Vinyl Chloride	0.65		ug/L	0.062	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
1330-20-7	Xylenes, Total	0.32	J	ug/L	0.12	1.5	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 17:58	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.0 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	95.1 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	99.1 %	81.2-127								

Sample Information

Client Sample ID: GWQ121812; 11:31 FRW-3

York Sample ID: 12L0758-03

York Project (SDG) No.
12L0758

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 18, 2012 3:00 pm

Date Received
12/20/2012

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	12/31/2012 11:12	12/31/2012 18:35	SS
71-55-6	1,1,1-Trichloroethane	0.43	J	ug/L	0.024	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
75-34-3	1,1-Dichloroethane	0.30	J	ug/L	0.044	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
67-64-1	Acetone	2.1	B	ug/L	0.90	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
71-43-2	Benzene	0.49	J	ug/L	0.044	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS

Sample Information

Client Sample ID: GWQ121812; 11:31 FRW-3

York Sample ID: 12L0758-03

York Project (SDG) No.
12L0758

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 18, 2012 3:00 pm

Date Received
12/20/2012

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	12/31/2012 11:12	12/31/2012 18:35	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
156-59-2	cis-1,2-Dichloroethylene	25		ug/L	0.069	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
98-82-8	Isopropylbenzene	0.74		ug/L	0.056	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
103-65-1	n-Propylbenzene	0.34	J	ug/L	0.068	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
95-47-6	o-Xylene	0.11	J	ug/L	0.050	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
1330-20-7P/M	p- & m- Xylenes	0.23	J	ug/L	0.090	1.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
127-18-4	Tetrachloroethylene	46	E	ug/L	0.070	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
108-88-3	Toluene	0.13	J	ug/L	0.042	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
79-01-6	Trichloroethylene	10		ug/L	0.071	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
75-01-4	Vinyl Chloride	1.7		ug/L	0.062	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
1330-20-7	Xylenes, Total	0.34	J	ug/L	0.12	1.5	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 18:35	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	96.5 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	95.0 %	81.2-127								

Sample Information

Client Sample ID: GWQ121812; 12:11 FRW-4

York Sample ID: 12L0758-04

York Project (SDG) No.
12L0758

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 18, 2012 3:00 pm

Date Received
12/20/2012

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	12/31/2012 11:12	12/31/2012 19:12	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
67-64-1	Acetone	1.3	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS

Sample Information

Client Sample ID: GWQ121812; 12:11 FRW-4

York Sample ID: 12L0758-04

York Project (SDG) No.
12L0758

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
December 18, 2012 3:00 pm

Date Received
12/20/2012

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	12/31/2012 11:12	12/31/2012 19:12	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
156-59-2	cis-1,2-Dichloroethylene	1.1		ug/L	0.069	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
95-47-6	o-Xylene	0.14	J	ug/L	0.050	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
1330-20-7P/M	p- & m- Xylenes	0.29	J	ug/L	0.090	1.0	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
127-18-4	Tetrachloroethylene	0.36	J	ug/L	0.070	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
79-01-6	Trichloroethylene	0.13	J	ug/L	0.071	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
1330-20-7	Xylenes, Total	0.43	J	ug/L	0.12	1.5	1	EPA SW846-8260B	12/31/2012 11:12	12/31/2012 19:12	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.0 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	99.0 %	81.2-127								

Analytical Batch Summary

Batch ID: BA30066

Preparation Method: EPA 5030B

Prepared By: SS

YORK Sample ID	Client Sample ID	Preparation Date
12L0758-01RE1	GWQ121812; 9:48 FRW-1	01/03/13
12L0758-02RE1	GWQ121812; 10:29 FRW-2	01/03/13
12L0758-03RE1	GWQ121812; 11:31 FRW-3	01/03/13
BA30066-BLK1	Blank	01/03/13
BA30066-BS1	LCS	01/03/13
BA30066-BSD1	LCS Dup	01/03/13

Batch ID: BL21181

Preparation Method: EPA 5030B

Prepared By: EKM

YORK Sample ID	Client Sample ID	Preparation Date
12L0758-01	GWQ121812; 9:48 FRW-1	12/31/12
12L0758-02	GWQ121812; 10:29 FRW-2	12/31/12
12L0758-03	GWQ121812; 11:31 FRW-3	12/31/12
12L0758-04	GWQ121812; 12:11 FRW-4	12/31/12
BL21181-BLK1	Blank	12/31/12
BL21181-BS1	LCS	12/31/12
BL21181-BSD1	LCS Dup	12/31/12

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
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Batch BA30066 - EPA 5030B

Blank (BA30066-BLK1)

Prepared & Analyzed: 01/03/2013

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	0.90	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
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Batch BA30066 - EPA 5030B

Blank (BA30066-BLK1)

Prepared & Analyzed: 01/03/2013

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	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.85</i>		<i>"</i>	<i>10.0</i>		<i>98.5</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.92</i>		<i>"</i>	<i>10.0</i>		<i>99.2</i>	<i>81.2-127</i>				

LCS (BA30066-BS1)

Prepared & Analyzed: 01/03/2013

1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130				
1,1,1-Trichloroethane	10.5		"	10.0		105	75.6-137				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.8		"	10.0		128	71.1-129				
1,1,2-Trichloroethane	11.4		"	10.0		114	74.5-129				
1,1-Dichloroethane	10.8		"	10.0		108	79.6-132				
1,1-Dichloroethylene	11.4		"	10.0		114	80.2-146				
1,1-Dichloropropylene	10.6		"	10.0		106	75-136				
1,2,3-Trichlorobenzene	13.5		"	10.0		135	66.1-136				
1,2,3-Trichloropropane	10.0		"	10.0		100	63-131				
1,2,4-Trichlorobenzene	13.5		"	10.0		135	70.6-136				
1,2,4-Trimethylbenzene	9.95		"	10.0		99.5	75.3-135				
1,2-Dibromo-3-chloropropane	10.9		"	10.0		109	58.9-140				
1,2-Dibromoethane	11.7		"	10.0		117	79-130				
1,2-Dichlorobenzene	10.3		"	10.0		103	76.1-122				
1,2-Dichloroethane	11.1		"	10.0		111	74.6-132				
1,2-Dichloropropane	10.5		"	10.0		105	76.9-129				
1,3,5-Trimethylbenzene	9.71		"	10.0		97.1	70.6-127				
1,3-Dichlorobenzene	10.2		"	10.0		102	77-124				
1,3-Dichloropropane	10.9		"	10.0		109	75.8-126				
1,4-Dichlorobenzene	10.2		"	10.0		102	76.6-125				
2,2-Dichloropropane	11.3		"	10.0		113	69-133				
2-Chlorotoluene	9.30		"	10.0		93.0	66.3-119				
2-Hexanone	12.8		"	10.0		128	70-130				
4-Chlorotoluene	9.93		"	10.0		99.3	69.2-127				
Acetone	9.96		"	10.0		99.6	70-130				
Benzene	10.9		"	10.0		109	76.2-129				
Bromobenzene	9.98		"	10.0		99.8	71.3-123				
Bromochloromethane	11.2		"	10.0		112	70.8-137				
Bromodichloromethane	10.8		"	10.0		108	79.7-134				
Bromoform	10.9		"	10.0		109	70.5-141				
Bromomethane	9.56		"	10.0		95.6	43.9-147				
Carbon tetrachloride	10.9		"	10.0		109	78.1-138				
Chlorobenzene	10.6		"	10.0		106	80.4-125				
Chloroethane	10.9		"	10.0		109	55.8-140				
Chloroform	10.5		"	10.0		105	76.6-133				
Chloromethane	11.4		"	10.0		114	48.8-115				
cis-1,2-Dichloroethylene	10.9		"	10.0		109	75.1-128				
cis-1,3-Dichloropropylene	11.6		"	10.0		116	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 BA30066 - EPA 5030B											
LCS (BA30066-BS1)						Prepared & Analyzed: 01/03/2013					
Dibromochloromethane	11.5		ug/L	10.0		115	79.8-134				
Dibromomethane	10.8		"	10.0		108	79-130				
Dichlorodifluoromethane	13.1		"	10.0		131	47.1-101	High Bias			
Ethyl Benzene	10.8		"	10.0		108	80.8-128				
Hexachlorobutadiene	10.4		"	10.0		104	64.8-128				
Isopropylbenzene	9.72		"	10.0		97.2	75.5-135				
Methyl tert-butyl ether (MTBE)	12.2		"	10.0		122	65.1-140				
Methylene chloride	10.8		"	10.0		108	61.3-120				
Naphthalene	13.4		"	10.0		134	62.3-148				
n-Butylbenzene	10.2		"	10.0		102	67.2-123				
n-Propylbenzene	9.80		"	10.0		98.0	70.5-127				
o-Xylene	10.5		"	10.0		105	75.9-122				
p- & m- Xylenes	21.2		"	20.0		106	77.7-127				
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129				
sec-Butylbenzene	10.1		"	10.0		101	71.5-125				
Styrene	11.7		"	10.0		117	77.8-123				
tert-Butylbenzene	9.86		"	10.0		98.6	75.9-151				
Tetrachloroethylene	10.4		"	10.0		104	63.6-167				
Toluene	10.2		"	10.0		102	77-123				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	76.3-139				
trans-1,3-Dichloropropylene	11.6		"	10.0		116	72.5-137				
Trichloroethylene	10.5		"	10.0		105	77.9-130				
Trichlorofluoromethane	11.9		"	10.0		119	57.4-133				
Vinyl Chloride	11.6		"	10.0		116	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.96</i>		<i>"</i>	<i>10.0</i>		<i>99.6</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.21</i>		<i>"</i>	<i>10.0</i>		<i>92.1</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.37</i>		<i>"</i>	<i>10.0</i>		<i>93.7</i>	<i>81.2-127</i>				

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 BA30066 - EPA 5030B											
LCS Dup (BA30066-BSD1)						Prepared & Analyzed: 01/03/2013					
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82.3-130		1.81	21.1	
1,1,1-Trichloroethane	11.2		"	10.0		112	75.6-137		6.74	19.7	
1,1,2,2-Tetrachloroethane	11.4		"	10.0		114	71.3-131		5.78	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14.0		"	10.0		140	71.1-129	High Bias	9.25	21.7	
1,1,2-Trichloroethane	11.2		"	10.0		112	74.5-129		1.95	20.3	
1,1-Dichloroethane	11.4		"	10.0		114	79.6-132		5.13	20.6	
1,1-Dichloroethylene	12.4		"	10.0		124	80.2-146		8.67	20	
1,1-Dichloropropylene	11.2		"	10.0		112	75-136		6.06	19.3	
1,2,3-Trichlorobenzene	13.2		"	10.0		132	66.1-136		2.77	21.6	
1,2,3-Trichloropropane	10.2		"	10.0		102	63-131		1.58	23.9	
1,2,4-Trichlorobenzene	13.5		"	10.0		135	70.6-136		0.148	21.7	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	75.3-135		5.76	18.8	
1,2-Dibromo-3-chloropropane	11.0		"	10.0		110	58.9-140		1.01	27.7	
1,2-Dibromoethane	11.4		"	10.0		114	79-130		2.07	23	
1,2-Dichlorobenzene	10.6		"	10.0		106	76.1-122		2.68	19.8	
1,2-Dichloroethane	11.2		"	10.0		112	74.6-132		1.07	20.2	
1,2-Dichloropropane	10.6		"	10.0		106	76.9-129		1.23	20.7	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	70.6-127		7.53	18.9	
1,3-Dichlorobenzene	10.6		"	10.0		106	77-124		3.17	19.2	
1,3-Dichloropropane	10.9		"	10.0		109	75.8-126		0.00	22.1	
1,4-Dichlorobenzene	10.7		"	10.0		107	76.6-125		4.51	18.6	
2,2-Dichloropropane	11.8		"	10.0		118	69-133		3.81	19.8	
2-Chlorotoluene	9.94		"	10.0		99.4	66.3-119		6.65	21.6	
2-Hexanone	12.2		"	10.0		122	70-130		4.00	30	
4-Chlorotoluene	10.4		"	10.0		104	69.2-127		4.62	19	
Acetone	10.4		"	10.0		104	70-130		4.71	30	
Benzene	11.4		"	10.0		114	76.2-129		4.76	19	
Bromobenzene	10.4		"	10.0		104	71.3-123		4.12	20.3	
Bromochloromethane	11.3		"	10.0		113	70.8-137		0.533	23.9	
Bromodichloromethane	10.9		"	10.0		109	79.7-134		1.01	21	
Bromoform	10.9		"	10.0		109	70.5-141		0.367	21.8	
Bromomethane	10.7		"	10.0		107	43.9-147		11.2	28.4	
Carbon tetrachloride	11.8		"	10.0		118	78.1-138		7.41	20.1	
Chlorobenzene	10.6		"	10.0		106	80.4-125		0.377	19.9	
Chloroethane	11.8		"	10.0		118	55.8-140		8.46	23.3	
Chloroform	11.1		"	10.0		111	76.6-133		5.39	20.3	
Chloromethane	12.3		"	10.0		123	48.8-115	High Bias	7.34	24.5	
cis-1,2-Dichloroethylene	11.6		"	10.0		116	75.1-128		6.58	20.5	
cis-1,3-Dichloropropylene	11.7		"	10.0		117	74.5-128		0.859	19.9	
Dibromochloromethane	11.2		"	10.0		112	79.8-134		2.46	21.3	
Dibromomethane	10.7		"	10.0		107	79-130		0.372	22.4	
Dichlorodifluoromethane	14.0		"	10.0		140	47.1-101	High Bias	6.42	23.9	
Ethyl Benzene	11.0		"	10.0		110	80.8-128		1.65	19.2	
Hexachlorobutadiene	11.0		"	10.0		110	64.8-128		5.23	20.6	
Isopropylbenzene	10.4		"	10.0		104	75.5-135		6.57	20	
Methyl tert-butyl ether (MTBE)	12.6		"	10.0		126	65.1-140		3.71	23.6	
Methylene chloride	11.1		"	10.0		111	61.3-120		2.65	20.4	
Naphthalene	12.6		"	10.0		126	62.3-148		6.01	27.1	
n-Butylbenzene	10.8		"	10.0		108	67.2-123		6.20	19.1	
n-Propylbenzene	10.6		"	10.0		106	70.5-127		7.65	23.4	
o-Xylene	10.6		"	10.0		106	75.9-122		1.14	19.3	
p- & m- Xylenes	21.5		"	20.0		108	77.7-127		1.55	18.6	
p-Isopropyltoluene	10.9		"	10.0		109	75.6-129		6.55	19.1	
sec-Butylbenzene	10.9		"	10.0		109	71.5-125		7.53	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
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Batch BA30066 - EPA 5030B

LCS Dup (BA30066-BSD1)

Prepared & Analyzed: 01/03/2013

Styrene	11.8		ug/L	10.0		118	77.8-123		0.681	20.9	
tert-Butylbenzene	10.6		"	10.0		106	75.9-151		7.61	20.9	
Tetrachloroethylene	10.8		"	10.0		108	63.6-167		3.49	27.7	
Toluene	10.6		"	10.0		106	77-123		3.08	18.7	
trans-1,2-Dichloroethylene	11.9		"	10.0		119	76.3-139		8.14	19.5	
trans-1,3-Dichloropropylene	11.4		"	10.0		114	72.5-137		1.65	19.3	
Trichloroethylene	11.0		"	10.0		110	77.9-130		4.19	20.5	
Trichlorofluoromethane	12.5		"	10.0		125	57.4-133		4.58	21.4	
Vinyl Chloride	13.0		"	10.0		130	54.9-124	High Bias	10.7	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.68</i>		<i>"</i>	<i>10.0</i>		<i>96.8</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.80</i>		<i>"</i>	<i>10.0</i>		<i>98.0</i>	<i>81.2-127</i>				

Batch BL21181 - EPA 5030B

Blank (BL21181-BLK1)

Prepared & Analyzed: 12/31/2012

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	1.4	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"

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
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Batch BL21181 - EPA 5030B

Blank (BL21181-BLK1)

Prepared & Analyzed: 12/31/2012

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	9.92		"	10.0		99.2	72.6-129				
Surrogate: p-Bromofluorobenzene	9.95		"	10.0		99.5	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 BL21181 - EPA 5030B											
LCS (BL21181-BS1)				Prepared & Analyzed: 12/31/2012							
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82.3-130				
1,1,1-Trichloroethane	11.1		"	10.0		111	75.6-137				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.3		"	10.0		133	71.1-129	High Bias			
1,1,2-Trichloroethane	10.9		"	10.0		109	74.5-129				
1,1-Dichloroethane	11.2		"	10.0		112	79.6-132				
1,1-Dichloroethylene	11.9		"	10.0		119	80.2-146				
1,1-Dichloropropylene	10.8		"	10.0		108	75-136				
1,2,3-Trichlorobenzene	12.9		"	10.0		129	66.1-136				
1,2,3-Trichloropropane	10.0		"	10.0		100	63-131				
1,2,4-Trichlorobenzene	13.3		"	10.0		133	70.6-136				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	75.3-135				
1,2-Dibromo-3-chloropropane	11.5		"	10.0		115	58.9-140				
1,2-Dibromoethane	11.2		"	10.0		112	79-130				
1,2-Dichlorobenzene	10.6		"	10.0		106	76.1-122				
1,2-Dichloroethane	11.1		"	10.0		111	74.6-132				
1,2-Dichloropropane	11.2		"	10.0		112	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	11.0		"	10.0		110	75.8-126				
1,4-Dichlorobenzene	10.4		"	10.0		104	76.6-125				
2,2-Dichloropropane	12.1		"	10.0		121	69-133				
2-Chlorotoluene	9.63		"	10.0		96.3	66.3-119				
2-Hexanone	11.1		"	10.0		111	70-130				
4-Chlorotoluene	10.2		"	10.0		102	69.2-127				
Acetone	9.98		"	10.0		99.8	70-130				
Benzene	11.2		"	10.0		112	76.2-129				
Bromobenzene	10.4		"	10.0		104	71.3-123				
Bromochloromethane	11.0		"	10.0		110	70.8-137				
Bromodichloromethane	11.2		"	10.0		112	79.7-134				
Bromoform	10.9		"	10.0		109	70.5-141				
Bromomethane	9.81		"	10.0		98.1	43.9-147				
Carbon tetrachloride	11.3		"	10.0		113	78.1-138				
Chlorobenzene	10.6		"	10.0		106	80.4-125				
Chloroethane	10.9		"	10.0		109	55.8-140				
Chloroform	10.9		"	10.0		109	76.6-133				
Chloromethane	11.5		"	10.0		115	48.8-115				
cis-1,2-Dichloroethylene	11.3		"	10.0		113	75.1-128				
cis-1,3-Dichloropropylene	12.0		"	10.0		120	74.5-128				
Dibromochloromethane	11.6		"	10.0		116	79.8-134				
Dibromomethane	10.8		"	10.0		108	79-130				
Dichlorodifluoromethane	12.8		"	10.0		128	47.1-101	High Bias			
Ethyl Benzene	10.8		"	10.0		108	80.8-128				
Hexachlorobutadiene	10.6		"	10.0		106	64.8-128				
Isopropylbenzene	10.1		"	10.0		101	75.5-135				
Methyl tert-butyl ether (MTBE)	11.5		"	10.0		115	65.1-140				
Methylene chloride	11.4		"	10.0		114	61.3-120				
Naphthalene	12.6		"	10.0		126	62.3-148				
n-Butylbenzene	10.6		"	10.0		106	67.2-123				
n-Propylbenzene	10.2		"	10.0		102	70.5-127				
o-Xylene	10.7		"	10.0		107	75.9-122				
p- & m- Xylenes	21.6		"	20.0		108	77.7-127				
p-Isopropyltoluene	10.6		"	10.0		106	75.6-129				
sec-Butylbenzene	10.4		"	10.0		104	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
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Batch BL21181 - EPA 5030B

LCS (BL21181-BS1)

Prepared & Analyzed: 12/31/2012

Styrene	11.8		ug/L	10.0		118	77.8-123				
tert-Butylbenzene	10.3		"	10.0		103	75.9-151				
Tetrachloroethylene	10.9		"	10.0		109	63.6-167				
Toluene	10.6		"	10.0		106	77-123				
trans-1,2-Dichloroethylene	11.3		"	10.0		113	76.3-139				
trans-1,3-Dichloropropylene	11.6		"	10.0		116	72.5-137				
Trichloroethylene	11.1		"	10.0		111	77.9-130				
Trichlorofluoromethane	11.6		"	10.0		116	57.4-133				
Vinyl Chloride	11.4		"	10.0		114	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.62</i>		<i>"</i>	<i>10.0</i>		<i>96.2</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.87</i>		<i>"</i>	<i>10.0</i>		<i>98.7</i>	<i>81.2-127</i>				

LCS Dup (BL21181-BS1)

Prepared & Analyzed: 12/31/2012

1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82.3-130		3.02	21.1	
1,1,1-Trichloroethane	10.0		"	10.0		100	75.6-137		10.5	19.7	
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	71.3-131		4.09	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	71.1-129		14.8	21.7	
1,1,2-Trichloroethane	10.5		"	10.0		105	74.5-129		3.82	20.3	
1,1-Dichloroethane	10.3		"	10.0		103	79.6-132		8.49	20.6	
1,1-Dichloroethylene	10.5		"	10.0		105	80.2-146		12.4	20	
1,1-Dichloropropylene	9.74		"	10.0		97.4	75-136		10.2	19.3	
1,2,3-Trichlorobenzene	12.2		"	10.0		122	66.1-136		6.22	21.6	
1,2,3-Trichloropropane	9.46		"	10.0		94.6	63-131		5.95	23.9	
1,2,4-Trichlorobenzene	12.2		"	10.0		122	70.6-136		8.70	21.7	
1,2,4-Trimethylbenzene	9.73		"	10.0		97.3	75.3-135		6.27	18.8	
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	58.9-140		12.7	27.7	
1,2-Dibromoethane	10.8		"	10.0		108	79-130		2.91	23	
1,2-Dichlorobenzene	10.2		"	10.0		102	76.1-122		3.76	19.8	
1,2-Dichloroethane	10.6		"	10.0		106	74.6-132		4.51	20.2	
1,2-Dichloropropane	10.2		"	10.0		102	76.9-129		9.81	20.7	
1,3,5-Trimethylbenzene	9.73		"	10.0		97.3	70.6-127		4.81	18.9	
1,3-Dichlorobenzene	10.2		"	10.0		102	77-124		1.66	19.2	
1,3-Dichloropropane	10.4		"	10.0		104	75.8-126		5.59	22.1	
1,4-Dichlorobenzene	10.0		"	10.0		100	76.6-125		3.52	18.6	
2,2-Dichloropropane	10.9		"	10.0		109	69-133		10.7	19.8	
2-Chlorotoluene	9.41		"	10.0		94.1	66.3-119		2.31	21.6	
2-Hexanone	10.2		"	10.0		102	70-130		8.46	30	
4-Chlorotoluene	9.98		"	10.0		99.8	69.2-127		2.38	19	
Acetone	8.60		"	10.0		86.0	70-130		14.9	30	
Benzene	10.4		"	10.0		104	76.2-129		7.02	19	
Bromobenzene	10.1		"	10.0		101	71.3-123		3.12	20.3	
Bromochloromethane	10.4		"	10.0		104	70.8-137		5.14	23.9	
Bromodichloromethane	10.4		"	10.0		104	79.7-134		8.14	21	
Bromoform	10.7		"	10.0		107	70.5-141		1.76	21.8	
Bromomethane	9.43		"	10.0		94.3	43.9-147		3.95	28.4	
Carbon tetrachloride	10.0		"	10.0		100	78.1-138		11.9	20.1	
Chlorobenzene	10.2		"	10.0		102	80.4-125		4.13	19.9	
Chloroethane	10.0		"	10.0		100	55.8-140		8.48	23.3	
Chloroform	10.1		"	10.0		101	76.6-133		7.70	20.3	
Chloromethane	10.8		"	10.0		108	48.8-115		6.09	24.5	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	75.1-128		7.24	20.5	
cis-1,3-Dichloropropylene	11.0		"	10.0		110	74.5-128		8.55	19.9	
Dibromochloromethane	10.8		"	10.0		108	79.8-134		7.69	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 BL21181 - EPA 5030B											
LCS Dup (BL21181-BSD1)						Prepared & Analyzed: 12/31/2012					
Dibromomethane	10.2		ug/L	10.0		102	79-130		5.42	22.4	
Dichlorodifluoromethane	11.1		"	10.0		111	47.1-101	High Bias	14.4	23.9	
Ethyl Benzene	10.3		"	10.0		103	80.8-128		5.30	19.2	
Hexachlorobutadiene	10.2		"	10.0		102	64.8-128		3.28	20.6	
Isopropylbenzene	9.96		"	10.0		99.6	75.5-135		1.49	20	
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	65.1-140		7.85	23.6	
Methylene chloride	10.6		"	10.0		106	61.3-120		6.82	20.4	
Naphthalene	11.4		"	10.0		114	62.3-148		10.0	27.1	
n-Butylbenzene	9.90		"	10.0		99.0	67.2-123		6.92	19.1	
n-Propylbenzene	9.90		"	10.0		99.0	70.5-127		3.47	23.4	
o-Xylene	10.1		"	10.0		101	75.9-122		5.00	19.3	
p- & m- Xylenes	20.2		"	20.0		101	77.7-127		6.36	18.6	
p-Isopropyltoluene	10.0		"	10.0		100	75.6-129		5.82	19.1	
sec-Butylbenzene	9.98		"	10.0		99.8	71.5-125		4.31	18.9	
Styrene	10.7		"	10.0		107	77.8-123		9.49	20.9	
tert-Butylbenzene	10.0		"	10.0		100	75.9-151		2.95	20.9	
Tetrachloroethylene	9.67		"	10.0		96.7	63.6-167		11.8	27.7	
Toluene	9.79		"	10.0		97.9	77-123		8.13	18.7	
trans-1,2-Dichloroethylene	10.3		"	10.0		103	76.3-139		9.62	19.5	
trans-1,3-Dichloropropylene	10.8		"	10.0		108	72.5-137		7.68	19.3	
Trichloroethylene	9.79		"	10.0		97.9	77.9-130		12.4	20.5	
Trichlorofluoromethane	9.82		"	10.0		98.2	57.4-133		16.8	21.4	
Vinyl Chloride	10.2		"	10.0		102	54.9-124		11.4	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.94</i>		<i>"</i>	<i>10.0</i>		<i>99.4</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.87</i>		<i>"</i>	<i>10.0</i>		<i>98.7</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.54</i>		<i>"</i>	<i>10.0</i>		<i>95.4</i>	<i>81.2-127</i>				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
12L0758-01	GWQ121812; 9:48 FRW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12L0758-02	GWQ121812; 10:29 FRW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12L0758-03	GWQ121812; 11:31 FRW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12L0758-04	GWQ121812; 12:11 FRW-4	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.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
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.

Field Chain-of-Custody Record

York Project No. 120758

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.			Matrix Codes		Special Instructions									
			S - soil											
			Other - specify (oil, etc.)											
			W/W - wastewater											
			G/W - groundwater											
			D/W - drinking water											
			Air-A - ambient air											
			Air-SV - soil vapor											
Samples Collected/Authorized By (Signature)			Evan Foster		Name (printed)									

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below						Container		
			8027IB Inst	SQ3S	TCLP BNA 1608 PCB	Ns,Mn,Cr, etc.	Helium	TACM	Silica	MBAS	TPH - IR

Description(s)		VOC 8260 full list (EPA SW846-8260B)	
2 40 mL 2 vial		VOC 8260 full list (EPA SW846-8260B)	
		VOC 8260 full list (EPA SW846-8260B)	
		VOC 8260 full list (EPA SW846-8260B)	
		VOC 8260 full list (EPA SW846-8260B)	
		VOC 8260 full list (EPA SW846-8260B)	
		VOC 8260 full list (EPA SW846-8260B)	
		VOC 8260 full list (EPA SW846-8260B)	
		VOC 8260 full list (EPA SW846-8260B)	
		VOC 8260 full list (EPA SW846-8260B)	
		VOC 8260 full list (EPA SW846-8260B)	

Comments	Preservation "X" those applicable	Date/Time						Temperature on Receipt
		Cool 4°C	HNO ₃	H ₂ SO ₄	NaOH	NONE	FROZEN	
		<i>[Signature]</i>					12/18/12	
		Samples Relinquished By		Date/Time		Samples Received By	Date/Time	
		<i>[Signature]</i>		12/18/12 1840		Fridge	12/18/12 1840	
		Samples Relinquished By		Date/Time		Samples Received in LAB by	Date/Time	
		<i>[Signature]</i>				E. Scheuk	12/20/12 2:30	4.0°C

APPENDIX III
DECEMBER 2012 LABORATORY ANALYTICAL REPORTS
FOR AIR SAMPLES

Technical Report

prepared for:

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

Report Date: 12/21/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12L0516

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 12/21/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12L0516

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 December 14, 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12L0516-01	AQ121212:1120NP4-1	Vapor Extraction	12/12/2012	12/14/2012
12L0516-02	AQ121212:1125NP4-2	Vapor Extraction	12/12/2012	12/14/2012
12L0516-03	AQ121212:1130NP4-3	Vapor Extraction	12/12/2012	12/14/2012

General Notes for York Project (SDG) No.: 12L0516

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:



Robert Q. Bradley
Laboratory Director

Date: 12/21/2012

YORK

Sample Information

Client Sample ID: AQ121212:1120NP4-1

York Sample ID: 12L0516-01

York Project (SDG) No.

12L0516

Client Project ID

Rowe Industries

Matrix

Vapor Extraction

Collection Date/Time

December 12, 2012 11:20 am

Date Received

12/14/2012

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/m ³	0.84	0.84	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
108-05-4	Vinyl acetate	ND		ug/m ³	1.2	1.2	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
79-01-6	Trichloroethylene	3.3		ug/m ³	0.44	0.44	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.75	0.75	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.65	0.65	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
108-88-3	Toluene	1.7		ug/m ³	0.62	0.62	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
109-99-9	Tetrahydrofuran	2.5		ug/m ³	0.48	0.48	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
127-18-4	Tetrachloroethylene	24		ug/m ³	1.1	1.1	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
100-42-5	Styrene	ND		ug/m ³	0.70	0.70	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
115-07-01	Propylene	ND		ug/m ³	0.28	0.28	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
622-96-8	p-Ethyltoluene	ND		ug/m ³	4.0	4.0	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
1330-20-7P/M	p- & m- Xylenes	61		ug/m ³	0.71	0.71	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
95-47-6	o-Xylene	24		ug/m ³	0.71	0.71	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
110-54-3	n-Hexane	1.3		ug/m ³	0.58	0.58	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
142-82-5	n-Heptane	ND		ug/m ³	0.67	0.67	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
75-09-2	Methylene chloride	1.5		ug/m ³	0.57	0.57	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.59	0.59	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.67	0.67	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
67-63-0	Isopropanol	ND		ug/m ³	0.40	0.40	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.8	1.8	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
100-41-4	Ethyl Benzene	12		ug/m ³	0.71	0.71	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
141-78-6	Ethyl acetate	ND		ug/m ³	0.59	0.59	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
110-82-7	Cyclohexane	ND		ug/m ³	0.57	0.57	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.75	0.75	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
156-59-2	cis-1,2-Dichloroethylene	2.0		ug/m ³	0.65	0.65	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
74-87-3	Chloromethane	ND		ug/m ³	0.34	0.34	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
67-66-3	Chloroform	3.3		ug/m ³	0.80	0.80	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
75-00-3	Chloroethane	ND		ug/m ³	0.43	0.43	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.52	0.52	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
75-15-0	Carbon disulfide	2.4		ug/m ³	0.51	0.51	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
74-83-9	Bromomethane	ND		ug/m ³	0.64	0.64	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
75-25-2	Bromoform	ND		ug/m ³	1.7	1.7	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
75-27-4	Bromodichloromethane	ND		ug/m ³	1.0	1.0	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
100-44-7	Benzyl chloride	ND		ug/m ³	0.85	0.85	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
71-43-2	Benzene	ND		ug/m ³	0.52	0.52	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD

Sample Information

Client Sample ID: AQ121212:1120NP4-1

York Sample ID: 12L0516-01

York Project (SDG) No.
12L0516

Client Project ID
Rowe Industries

Matrix Collection Date/Time
Vapor Extraction December 12, 2012 11:20 am

Date Received
12/14/2012

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	10		ug/m ³	0.39	0.39	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
591-78-6	2-Hexanone	ND		ug/m ³	1.3	1.3	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
78-93-3	2-Butanone	2.4		ug/m ³	0.48	0.48	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	5.9	5.9	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.99	0.99	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.99	0.99	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.71	0.71	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	1.6	1.6	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.1	1.1	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.76	0.76	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.66	0.66	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.99	0.99	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	4.0	4.0	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.2	1.2	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.65	0.65	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
75-34-3	1,1-Dichloroethane	4.7		ug/m ³	0.66	0.66	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
75-69-4	Trichlorofluoromethane (Freon 11)	1.6		ug/m ³	0.92	0.92	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.90	0.90	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.3	1.3	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.1	1.1	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
71-55-6	1,1,1-Trichloroethane	11		ug/m ³	0.90	0.90	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
75-71-8	Dichlorodifluoromethane	2.4		ug/m ³	0.81	0.81	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.3	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.3	1.3	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.67	0.67	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
108-90-7	Chlorobenzene	ND		ug/m ³	0.76	0.76	1.614	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 00:36	TD
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	105 %	70-130								

Sample Information

Client Sample ID: AQ121212:1125NP4-2

York Sample ID: 12L0516-02

York Project (SDG) No.
12L0516

Client Project ID
Rowe Industries

Matrix Collection Date/Time
Vapor Extraction December 12, 2012 11:25 am

Date Received
12/14/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: AQ121212:1125NP4-2

York Sample ID: 12L0516-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12L0516

Rowe Industries

Vapor Extraction December 12, 2012 11:25 am

12/14/2012

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/m ³	0.87	0.87	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
108-05-4	Vinyl acetate	ND		ug/m ³	1.2	1.2	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
79-01-6	Trichloroethylene	ND		ug/m ³	0.46	0.46	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.78	0.78	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.68	0.68	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
108-88-3	Toluene	0.97		ug/m ³	0.64	0.64	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
109-99-9	Tetrahydrofuran	ND		ug/m ³	0.50	0.50	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
127-18-4	Tetrachloroethylene	35		ug/m ³	1.2	1.2	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
100-42-5	Styrene	ND		ug/m ³	0.73	0.73	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
115-07-01	Propylene	ND		ug/m ³	0.29	0.29	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
622-96-8	p-Ethyltoluene	15		ug/m ³	4.2	4.2	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
1330-20-7P/M	p- & m- Xylenes	8.7		ug/m ³	0.74	0.74	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
95-47-6	o-Xylene	2.4		ug/m ³	0.74	0.74	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
110-54-3	n-Hexane	ND		ug/m ³	0.60	0.60	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
142-82-5	n-Heptane	ND		ug/m ³	0.70	0.70	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
75-09-2	Methylene chloride	1.1		ug/m ³	0.59	0.59	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.61	0.61	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.70	0.70	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
67-63-0	Isopropanol	ND		ug/m ³	0.42	0.42	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.8	1.8	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.74	0.74	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
141-78-6	Ethyl acetate	ND		ug/m ³	0.62	0.62	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
110-82-7	Cyclohexane	ND		ug/m ³	0.59	0.59	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.78	0.78	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
156-59-2	cis-1,2-Dichloroethylene	0.95		ug/m ³	0.68	0.68	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
74-87-3	Chloromethane	ND		ug/m ³	0.35	0.35	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
67-66-3	Chloroform	2.2		ug/m ³	0.83	0.83	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
75-00-3	Chloroethane	ND		ug/m ³	0.45	0.45	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.54	0.54	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
75-15-0	Carbon disulfide	2.5		ug/m ³	0.53	0.53	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
74-83-9	Bromomethane	ND		ug/m ³	0.66	0.66	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
75-25-2	Bromoform	ND		ug/m ³	1.8	1.8	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
75-27-4	Bromodichloromethane	ND		ug/m ³	1.1	1.1	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
100-44-7	Benzyl chloride	ND		ug/m ³	0.88	0.88	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
71-43-2	Benzene	ND		ug/m ³	0.55	0.55	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
67-64-1	Acetone	4.9		ug/m ³	0.41	0.41	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD

Sample Information

Client Sample ID: AQ121212:1125NP4-2

York Sample ID: 12L0516-02

York Project (SDG) No.
12L0516

Client Project ID
Rowe Industries

Matrix Collection Date/Time
Vapor Extraction December 12, 2012 11:25 am

Date Received
12/14/2012

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
591-78-6	2-Hexanone	ND		ug/m ³	1.4	1.4	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
78-93-3	2-Butanone	ND		ug/m ³	0.50	0.50	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	6.2	6.2	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.0	1.0	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.0	1.0	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.74	0.74	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
108-67-8	1,3,5-Trimethylbenzene	4.7		ug/m ³	1.7	1.7	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.2	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.79	0.79	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.69	0.69	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.0	1.0	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
95-63-6	1,2,4-Trimethylbenzene	11		ug/m ³	4.2	4.2	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.3	1.3	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.68	0.68	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
75-34-3	1,1-Dichloroethane	3.0		ug/m ³	0.69	0.69	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
75-69-4	Trichlorofluoromethane (Freon 11)	1.2		ug/m ³	0.96	0.96	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.93	0.93	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.3	1.3	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.2	1.2	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
71-55-6	1,1,1-Trichloroethane	11		ug/m ³	0.93	0.93	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
75-71-8	Dichlorodifluoromethane	2.4		ug/m ³	0.84	0.84	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.3	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.4	1.4	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.70	0.70	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
108-90-7	Chlorobenzene	ND		ug/m ³	0.79	0.79	1.68	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:10	TD
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	70-130								

Sample Information

Client Sample ID: AQ121212:1130NP4-3

York Sample ID: 12L0516-03

York Project (SDG) No.
12L0516

Client Project ID
Rowe Industries

Matrix Collection Date/Time
Vapor Extraction December 12, 2012 11:30 am

Date Received
12/14/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: AQ121212:1130NP4-3

York Sample ID: 12L0516-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12L0516

Rowe Industries

Vapor Extraction December 12, 2012 11:30 am

12/14/2012

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/m ³	0.86	0.86	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
108-05-4	Vinyl acetate	ND		ug/m ³	1.2	1.2	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
79-01-6	Trichloroethylene	ND		ug/m ³	0.45	0.45	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.76	0.76	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.67	0.67	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
108-88-3	Toluene	ND		ug/m ³	0.64	0.64	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
109-99-9	Tetrahydrofuran	ND		ug/m ³	0.50	0.50	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
127-18-4	Tetrachloroethylene	ND		ug/m ³	1.1	1.1	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
100-42-5	Styrene	ND		ug/m ³	0.72	0.72	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
115-07-01	Propylene	ND		ug/m ³	0.29	0.29	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
622-96-8	p-Ethyltoluene	9.8		ug/m ³	4.1	4.1	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
1330-20-7P/M	p- & m- Xylenes	5.0		ug/m ³	0.73	0.73	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
95-47-6	o-Xylene	1.5		ug/m ³	0.73	0.73	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
110-54-3	n-Hexane	ND		ug/m ³	0.59	0.59	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
142-82-5	n-Heptane	ND		ug/m ³	0.69	0.69	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
75-09-2	Methylene chloride	0.88		ug/m ³	0.59	0.59	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.61	0.61	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.69	0.69	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
67-63-0	Isopropanol	39		ug/m ³	0.41	0.41	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.8	1.8	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.73	0.73	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
141-78-6	Ethyl acetate	ND		ug/m ³	0.61	0.61	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
110-82-7	Cyclohexane	ND		ug/m ³	0.58	0.58	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.76	0.76	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.67	0.67	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
74-87-3	Chloromethane	ND		ug/m ³	0.35	0.35	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
67-66-3	Chloroform	2.2		ug/m ³	0.82	0.82	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
75-00-3	Chloroethane	ND		ug/m ³	0.44	0.44	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.53	0.53	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
75-15-0	Carbon disulfide	2.0		ug/m ³	0.52	0.52	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
74-83-9	Bromomethane	ND		ug/m ³	0.65	0.65	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
75-25-2	Bromoform	ND		ug/m ³	1.7	1.7	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
75-27-4	Bromodichloromethane	ND		ug/m ³	1.0	1.0	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
100-44-7	Benzyl chloride	ND		ug/m ³	0.87	0.87	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
71-43-2	Benzene	ND		ug/m ³	0.54	0.54	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
67-64-1	Acetone	3.0		ug/m ³	0.40	0.40	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD

Sample Information

Client Sample ID: AQ121212:1130NP4-3

York Sample ID: 12L0516-03

York Project (SDG) No.
12L0516

Client Project ID
Rowe Industries

Matrix Collection Date/Time
Vapor Extraction December 12, 2012 11:30 am

Date Received
12/14/2012

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
591-78-6	2-Hexanone	ND		ug/m ³	1.4	1.4	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
78-93-3	2-Butanone	ND		ug/m ³	0.50	0.50	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	6.1	6.1	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.0	1.0	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.0	1.0	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.73	0.73	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
108-67-8	1,3,5-Trimethylbenzene	2.9		ug/m ³	1.7	1.7	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.2	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.78	0.78	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.68	0.68	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.0	1.0	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
95-63-6	1,2,4-Trimethylbenzene	7.5		ug/m ³	4.1	4.1	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.3	1.3	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.67	0.67	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
75-34-3	1,1-Dichloroethane	3.1		ug/m ³	0.68	0.68	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	0.95	0.95	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.92	0.92	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.3	1.3	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.2	1.2	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
71-55-6	1,1,1-Trichloroethane	12		ug/m ³	0.92	0.92	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
75-71-8	Dichlorodifluoromethane	1.5		ug/m ³	0.83	0.83	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.3	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.4	1.4	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.69	0.69	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
108-90-7	Chlorobenzene	ND		ug/m ³	0.78	0.78	1.657	EPA Compendium TO-15	12/18/2012 09:00	12/19/2012 02:57	TD
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	86.0 %	70-130								

Analytical Batch Summary

Batch ID: BL20899

Preparation Method: EPA TO15 PREP

Prepared By: TD

YORK Sample ID	Client Sample ID	Preparation Date
12L0516-01	AQ121212:1120NP4-1	12/18/12
12L0516-02	AQ121212:1125NP4-2	12/18/12
12L0516-03	AQ121212:1130NP4-3	12/18/12
BL20899-BLK1	Blank	12/18/12
BL20899-BS1	LCS	12/18/12
BL20899-DUP1	Duplicate	12/18/12

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
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Batch BL20899 - EPA TO15 PREP

Blank (BL20899-BLK1)

Prepared & Analyzed: 12/18/2012

Vinyl Chloride	ND	0.52	ug/m ³
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	ND	0.35	"
Methyl tert-butyl ether (MTBE)	ND	0.37	"
4-Methyl-2-pentanone	ND	0.42	"
Isopropanol	ND	0.25	"
Hexachlorobutadiene	ND	1.1	"
Ethyl Benzene	ND	0.44	"
Ethyl acetate	ND	0.37	"
Cyclohexane	ND	0.35	"
cis-1,3-Dichloropropylene	ND	0.46	"
cis-1,2-Dichloroethylene	ND	0.40	"
Chloromethane	ND	0.21	"
Chloroform	ND	0.50	"
Chloroethane	ND	0.27	"
Carbon tetrachloride	ND	0.32	"
Carbon disulfide	ND	0.32	"
Bromomethane	ND	0.39	"
Bromoform	ND	1.1	"
Bromodichloromethane	ND	0.63	"
Benzyl chloride	ND	0.53	"
Benzene	ND	0.32	"
Acetone	ND	0.24	"
2-Hexanone	ND	0.83	"
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 BL20899 - EPA TO15 PREP											
Blank (BL20899-BLK1)						Prepared & Analyzed: 12/18/2012					
1,1,2,2-Tetrachloroethane	ND	0.70	ug/m ³								
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	"								
<i>Surrogate: p-Bromofluorobenzene</i>	<i>8.81</i>		<i>ppbv</i>	<i>10.0</i>		<i>88.1</i>	<i>70-130</i>				
LCS (BL20899-BS1)						Prepared & Analyzed: 12/18/2012					
Vinyl Chloride	9.50		ppbv	10.1		94.1	70-130				
Vinyl acetate	4.45		"	9.70		45.9	58.1-135	Low Bias			
Trichloroethylene	9.02		"	10.2		88.4	70-130				
trans-1,3-Dichloropropylene	7.55		"	9.90		76.3	62-135				
trans-1,2-Dichloroethylene	8.59		"	9.50		90.4	58.3-130				
Toluene	10.6		"	10.8		98.2	64.9-126				
Tetrahydrofuran	10.4		"	10.2		102	44.6-146				
Tetrachloroethylene	9.76		"	10.5		93.0	70-130				
Styrene	10.4		"	10.7		97.1	66.4-132				
Propylene	10.5		"	11.0		95.5	62.4-150				
p-Ethyltoluene	10.6		"	10.4		102	73.8-146				
p- & m- Xylenes	19.8		"	21.0		94.3	56.6-136				
o-Xylene	10.4		"	10.8		96.6	67.8-133				
n-Hexane	9.74		"	10.3		94.6	59.7-130				
n-Heptane	10.0		"	10.4		96.4	62.3-134				
Methylene chloride	8.37		"	10.0		83.7	62.6-130				
Methyl tert-butyl ether (MTBE)	9.95		"	10.2		97.5	60.7-139				
4-Methyl-2-pentanone	9.76		"	10.0		97.6	64.5-158				
Isopropanol	11.4		"	9.90		115	60-150				
Hexachlorobutadiene	16.1		"	11.0		147	61.2-150				
Ethyl Benzene	10.0		"	10.7		93.9	68.4-125				
Ethyl acetate	12.2		"	10.0		122	40.6-150				
Cyclohexane	9.46		"	10.2		92.7	60.4-127				
cis-1,3-Dichloropropylene	8.90		"	10.7		83.2	65.5-129				
cis-1,2-Dichloroethylene	8.75		"	10.5		83.3	51.3-118				
Chloromethane	9.08		"	10.1		89.9	64.9-130				
Chloroform	8.80		"	10.0		88.0	65.1-130				
Chloroethane	10.6		"	10.1		105	52.1-131				
Carbon tetrachloride	7.85		"	10.1		77.7	70-130				
Carbon disulfide	8.62		"	10.0		86.2	61.8-111				
Bromomethane	8.14		"	10.2		79.8	60.1-140				
Bromoform	9.71		"	10.5		92.5	58.7-150				
Bromodichloromethane	9.52		"	10.2		93.3	65.3-127				
Benzyl chloride	5.49		"	10.2		53.8	62.5-150	Low Bias			
Benzene	9.30		"	10.4		89.4	69.5-130				
Acetone	9.39		"	10.0		93.9	55.3-133				
2-Hexanone	8.76		"	10.1		86.7	52-150				
2-Butanone	8.76		"	10.0		87.6	28.5-154				
1,4-Dioxane	11.8		"	10.2		115	50-150				
1,4-Dichlorobenzene	10.8		"	10.6		102	62.5-139				
1,3-Dichlorobenzene	10.3		"	10.2		101	71.9-153				
1,3-Butadiene	10.0		"	10.5		95.6	66.7-127				
1,3,5-Trimethylbenzene	10.7		"	10.6		101	65-152				
1,2-Dichlorotetrafluoroethane	9.12		"	10.1		90.3	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
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Batch BL20899 - EPA TO15 PREP

LCS (BL20899-BS1)

Prepared & Analyzed: 12/18/2012

1,2-Dichloropropane	9.60		ppbv	10.7		89.7	21.3-152				
1,2-Dichloroethane	9.16		"	10.4		88.1	51.2-124				
1,2-Dichlorobenzene	10.7		"	10.6		101	63.7-148				
1,2,4-Trimethylbenzene	11.2		"	10.7		105	67.9-152				
1,2,4-Trichlorobenzene	18.0		"	11.0		164	58-147	High Bias			
1,1-Dichloroethylene	8.80		"	9.80		89.8	58.1-130				
1,1-Dichloroethane	9.10		"	10.2		89.2	63.3-130				
Trichlorofluoromethane (Freon 11)	8.89		"	10.5		84.7	56-132				
1,1,2-Trichloroethane	10.1		"	10.7		94.8	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.67		"	9.70		89.4	60.2-125				
1,1,2,2-Tetrachloroethane	10.4		"	10.8		96.1	63.7-132				
1,1,1-Trichloroethane	9.10		"	10.4		87.5	58.2-126				
Dichlorodifluoromethane	8.51		"	10.0		85.1	62.8-133				
1,2-Dibromoethane	9.51		"	10.6		89.7	70-130				
Dibromochloromethane	10.4		"	10.6		97.7	70-130				
Methyl Methacrylate	9.24		"	10.1		91.5	70-130				
Chlorobenzene	9.74		"	10.8		90.2	67.6-122				

Surrogate: *p*-Bromofluorobenzene

8.96

"

10.0

89.6

70-130

Duplicate (BL20899-DUP1)

*Source sample: 12L0516-01 (AQ121212:1120NP4-1)

Prepared: 12/18/2012 Analyzed: 12/19/2012

Vinyl Chloride	ND	0.84	ug/m ³		ND					25	
Vinyl acetate	ND	1.2	"		ND					25	
Trichloroethylene	3.0	0.44	"		3.3				8.45	25	
trans-1,3-Dichloropropylene	ND	0.75	"		ND					25	
trans-1,2-Dichloroethylene	ND	0.65	"		ND					25	
Toluene	1.6	0.62	"		1.7				7.41	25	
Tetrahydrofuran	2.3	0.48	"		2.5				10.1	25	
Tetrachloroethylene	22	1.1	"		24				10.1	25	
Styrene	ND	0.70	"		ND					25	
Propylene	ND	0.28	"		ND					25	
p-Ethyltoluene	ND	4.0	"		ND					25	
p- & m- Xylenes	59	0.71	"		61				4.02	25	
o-Xylene	23	0.71	"		24				5.84	25	
n-Hexane	1.1	0.58	"		1.3				14.6	25	
n-Heptane	ND	0.67	"		ND					25	
Methylene chloride	1.4	0.57	"		1.5				8.00	25	
Methyl tert-butyl ether (MTBE)	ND	0.59	"		ND					25	
4-Methyl-2-pentanone	ND	0.67	"		ND					25	
Isopropanol	ND	0.40	"		ND					25	
Hexachlorobutadiene	ND	1.8	"		ND					25	
Ethyl Benzene	12	0.71	"		12				5.99	25	
Ethyl acetate	ND	0.59	"		ND					25	
Cyclohexane	ND	0.57	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.75	"		ND					25	
cis-1,2-Dichloroethylene	1.8	0.65	"		2.0				10.5	25	
Chloromethane	ND	0.34	"		ND					25	
Chloroform	3.0	0.80	"		3.3				10.3	25	
Chloroethane	ND	0.43	"		ND					25	
Carbon tetrachloride	ND	0.52	"		ND					25	
Carbon disulfide	2.1	0.51	"		2.4				11.5	25	
Bromomethane	ND	0.64	"		ND					25	
Bromoform	ND	1.7	"		ND					25	
Bromodichloromethane	ND	1.0	"		ND					25	
Benzyl chloride	ND	0.85	"		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 BL20899 - EPA TO15 PREP											
Duplicate (BL20899-DUP1)	*Source sample: 12L0516-01 (AQ121212:1120NP4-1)						Prepared: 12/18/2012 Analyzed: 12/19/2012				
Benzene	ND	0.52	ug/m ³		ND					25	
Acetone	9.2	0.39	"		10				10.4	25	
2-Hexanone	ND	1.3	"		ND					25	
2-Butanone	2.1	0.48	"		2.4				10.8	25	
1,4-Dioxane	ND	5.9	"		ND					25	
1,4-Dichlorobenzene	ND	0.99	"		ND					25	
1,3-Dichlorobenzene	ND	0.99	"		ND					25	
1,3-Butadiene	ND	0.71	"		ND					25	
1,3,5-Trimethylbenzene	ND	1.6	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.1	"		ND					25	
1,2-Dichloropropane	ND	0.76	"		ND					25	
1,2-Dichloroethane	ND	0.66	"		ND					25	
1,2-Dichlorobenzene	ND	0.99	"		ND					25	
1,2,4-Trimethylbenzene	ND	4.0	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.2	"		ND					25	
1,1-Dichloroethylene	ND	0.65	"		ND					25	
1,1-Dichloroethane	4.3	0.66	"		4.7				8.96	25	
Trichlorofluoromethane (Freon 11)	1.4	0.92	"		1.6				12.5	25	
1,1,2-Trichloroethane	ND	0.90	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.3	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.1	"		ND					25	
1,1,1-Trichloroethane	10	0.90	"		11				9.05	25	
Dichlorodifluoromethane	2.1	0.81	"		2.4				10.9	25	
1,2-Dibromoethane	ND	1.3	"		ND					25	
Dibromochloromethane	ND	1.3	"		ND					25	
Methyl Methacrylate	ND	0.67	"		ND					25	
Chlorobenzene	ND	0.76	"		ND					25	
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.2</i>		<i>ppbv</i>	<i>10.0</i>		<i>102</i>	<i>70-130</i>				

Notes and Definitions

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

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

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

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

NR Not reported

RPD Relative Percent Difference

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

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

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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

YORK

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Field Chain-of-Custody Record - AIR

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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. 12L0516

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type/Deliverables	
Company: LBG	Company: Same	Company: Same	Company: Same	Purchase Order No. HABSAG		RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard (5-7 Days) ☒		Summary Report ☒ Summary w/ QA Summary ☒ CT RCP Package ☒ NY ASP A Package ☒ NY ASP B/CLP Pkg ☒ NIDEP Reduced ☒ Electronic Deliverables: ☒ EDD (Specify Type) ☒ Standard Excel ☒ Regulatory Comparison Excel ☒			
Address: 4 Research Dr, Suite 301 Shelton, CT 06484	Address:	Address:	Address:	Samples from: CT NY X NJ		Detection Limits Required ≤ 1 ug/m ³ NYSDEC VI Limits (PC - Paper Analysis) NIDEP low level Routine Survey Other		Special Instructions			
Phone No. 203-929-8555	Phone No.	Phone No.	Phone No.	Air Matrix Codes AI - INDOOR Ambient Air AO - OUTDOOR Amb. Air AB - 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 Tentatively Identified Compounds Air VPH Helium Methane OTHER					
Contact Person: Tunde Sander	Attention:	Attention:	Attention:	Project Specific List by TO-15 NIDEP Target List CTDEP RCP Target List		Canister Vacuum Before Sampling (in. Hg) After Sampling (in. Hg)		Sampling Media 6 Liter Summa canister Tedlar Bag 6 Liter Summa canister Tedlar Bag 6 Liter Summa canister Tedlar Bag 6 Liter Summa canister Tedlar Bag 6 Liter Summa canister Tedlar Bag 6 Liter Summa canister Tedlar Bag 6 Liter Summa canister Tedlar Bag 6 Liter Summa canister Tedlar Bag 6 Liter Summa canister Tedlar Bag			
E-Mail Address: Tsander@LBG.T.com	E-Mail Address:	E-Mail Address:	E-Mail Address:	Canister Vacuum Before Sampling (in. Hg) After Sampling (in. Hg)		Choose Analysis Needed from the Menu Above and Enter Below EPA TO-15 List					
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.				Air Matrix Codes AI - INDOOR Ambient Air AO - OUTDOOR Amb. Air AB - Vapor Extraction Well/ Process Gas/Effluent AS - SOIL Vapor/Sub-Slab		Canister Vacuum Before Sampling (in. Hg) After Sampling (in. Hg)		Sampling Media 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			
Samples Collected/Authorized By (Signature)  STEVEN HNAT Name (printed)				Date Sampled 12/12/12 1120 1125 1130		AIR Matrix AE AE AE					
Sample Identification AQ121212-1120NP4-1 AQ121212-1125NP4-2 AQ121212-1130NP4-3				Date Sampled 12/12/12 1120 1125 1130		AIR Matrix AE AE AE					
Comments				Samples Relinquished By  Date/Time 12/14/12 1220		Samples Received By E. Schuck Date/Time 12/14/12 1220					
				Samples Relinquished By Date/Time		Samples Received in LAB by Date/Time					