

-DRAFT-

PROJECT STATUS MEMORANDUM

NO. 07-12

TO: Pamela Tames, USEPA
FROM: Mark M. Goldberg, P.E.
Tunde H. Komuves-Sandor
DATE: October 10, 2012
PROJECT: Rowe Industries Superfund Site
Groundwater Recovery and Treatment System
July 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 July 1, 2012 through July 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

(July 1, 2012 through July 31, 2012)

- | | |
|---|--------------------------------------|
| 1. Hours of operation during the reporting period: | 530 hours (71.2%) |
| 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: | 4,904,508 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: | 0.22 pounds* |
| 7. Cumulative mass of VOCs recovered since startup on 12/17/02:
(calculations can be provided upon request) | 224.5 pounds |
| 8. Effluent VOC vapor concentration for the reporting period: | 0.10 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 (0.00152 lbs/hr) |

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

FULL SCALE PUMP AND TREAT SYSTEM STATUS SUMMARY

The following table summarizes select recovery well parameters for the operating recovery wells during the above referenced reporting period. Table 4 presents a summary of the quality results for water samples collected from recovery wells. Graph 2 presents 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	852,303	27	13	1.1	0.01
RW-4	1,024,096	33	10	4.1	0.04
RW-6	448,878	15	15	6.5	0.02
RW-7	2,260,833	70	69	2.1	0.04

^{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.

Groundwater Quality

In July 2012, 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. However, low concentrations of VOCs continue to be detected in some of these wells. The low concentrations of VOCs detected did not warrant resampling or restarting the non-operating wells during the month of July. The groundwater quality at these recovery wells will continue to be monitored monthly.

FOCUS PUMP AND TREAT SYSTEM STATUS SUMMARY

LBG monitors the FP&T system for indications of any fouling that had been problematic with the FP&T system. During this reporting period, iron bacteria accumulation was observed in FRW-1 and effluent flow meter. The FRW-1 flow meter was cleaned three times during the month of July and the effluent flow meter was cleaned once.

The following table summarizes the parameters for the FRWs for the reporting period of July 2, 2012 through July 31, 2012. 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 for each FRW. Laboratory analytical reports are included in Appendix II.

Well	Volume Pumped (gal)	Total VOC Concentration (µg/L)	VOC Recovery (lbs)
FRW-1	15,656	54.4	0.007
FRW-2	6,448	62.7	0.003
FRW-3	7,112	34.5	0.002
FRW-4	171,187	33.3	0.048
Total	251,470 ^{1/}	--	--

^{1/} Routed to equalization tank in FSP&T system, for treatment.

The FP&T system and FRWs shut down on July 30th due to a power failure alarm recorded by the FSP&T system. The control computer and alarms were reset on July 31st, however, the FRW wells were not restarted due to a planned temporary shutdown 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.

OTHER O&M ACTIVITIES AND FUTURE O&M ACTIVITIES

O&M activities conducted in July 2012 included:

- on July 2, repaired the blacktop damaged by the 10K frac tank during rehabilitation activities;
- on July 10, replaced the weathered Master locks on the FP&T and SVE trailer doors. Started inspecting, cleaning and repairing monitor well heads in preparation for semi-annual sampling;
- on July 16, inspected the condition of the discharge basin and observed damage to the metal sheeting (salamander fence) caused by a tree limb falling on the fence; and
- on July 31, replaced the malfunctioning RW-2 pressure transducer with a spare, used pressure transducer, however, it still did not display the correct reading, a new transducer will be ordered for RW-2.

Future O&M activities scheduled for the summer and fall of 2012 include:

- normal weekly/monthly O&M activities;
- collect groundwater samples using the low-flow sampling technique from the recovery and monitor wells located at the FDSA.
- repair salamander fence;
- repair monitor wells MW-46A and B that were damaged during site re-grading work; and
- remove pumps from the FRW wells.

MMG:nv

Attachments

cc: Ken W. Wengert - Kraft Foods Global, Inc. - .pdf
 Lisa Krogman, Environ – .pdf
 Jeff Trad, NYSDEC – .pdf
 Chief-Operation Maintenance and Support Section, NYSDEC – .pdf
 William Spitz, RWM, R-1, NYSDEC
 Tiffany Scarloto, Town of Southampton Attorney - .pdf

H:\NABIS\2012\Monthly Reports\July\Status0712July.docx

TABLES

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

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

Date	Time	System Changes/Modifications	Personnel
7/2/2012		Repaired the blacktop damaged by the 10K frac tank during well rehabilitation.	SH
		Cleaned iron bacteria fouling from the FRW-1 and FP&T system effluent flow meter paddle wheels.	SH
7/5/2012	9:28 AM	FSP&T and FP&T systems shut down due to a power failure alarm.	
7/10/2012		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
	10:15 AM	Rebooted the FSP&T system computer and restarted the FSP&T system.	SH
		Inspected, cleaned and repaired if necessary some of the monitor well heads in preparation for semi annual sampling.	SH
		Replaced the weathered Master locks on the FP&T trailer and SVE trailer doors.	SH
	10:35 AM	Cleaned iron bacteria fouling from the FRW-1 flow meter paddle wheel and restarted the FRW wells.	SH
7/15/2012	7:38 PM	RW-2, 4, 6 and the FRW wells shut down due to pump fault alarms caused by power fluctuations; RW-7 continues to operate.	
7/16/2012	9:30 AM	Shut down RW-7 and reboot the FSP&T control computer. Removed the fuses from the control panel for the RW's recently shut down. Serviced the air stripper blower and booster blower, adjusted belts and lubricated motors.	SH
	10:10 AM	Restarted the FSP&T system with RW-2, 4, 6 and 7 operating.	SH
		Inspected the condition of the discharge basin and observed damage to the metal sheeting (salamander fence) caused by a tree limb falling on the fence.	SH
	10:20 AM	Cleaned iron bacteria fouling from the FRW-1 flow meter paddle wheel and restarted the FP&T system.	SH
7/22/2012	3:20 PM	The FSP&T and FP&T systems shut down due to a high water level alarm in the equalization tank.	
7/25/2012		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.	TS
	9:31 AM	Pumped down the water level in the equalization tank to below alarm levels, cleared the alarms, then inspected the air stripper and booster blower belts.	TS
	10:58 AM	Restarted RW-2, 4, 6 and 7.	TS
	12:37 PM	Restarted the FRW wells, shortly following restart the FRW-1 flow meter stopped functioning, inspected the flow meter paddle wheel and reinstalled, however, it was still not functioning. Follow up troubleshooting will continue during the next O&M visit.	TS
7/30/2012	9:40 AM	FSP&T and FP&T systems shut down due to a power failure alarm.	
7/31/2012	10:45 AM	Reset alarms and restart the FSP&T system.	SH
		Replaced the malfunctioning RW-2 pressure transducer with a spare pressure transducer, however, the replacement transducer did not display the correct water level readings. A new transducer will be ordered for RW-2.	SH
		Replaced the malfunctioning bag filter bank pressure sensor. Monitor wells were inspected, cleaned and repaired.	SH
		FP&T system remains off for groundwater quality testing during static conditions.	SH

TABLE 2

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

Effluent Water Quality Results

Date Sampled ^{2/}	pH ^{1/}	TDS (mg/l)	PCE (ug/l)	1,1,1-TCA (ug/l)	TCE (ug/l)	1,1-DCA (ug/l)	1,1-DCE (ug/l)	cis- 1,2-DCE (ug/l)	trans- 1,2-DCE (ug/l)	Xylene (ug/l)	Toluene (ug/l)	Ethyl- benzene (ug/l)	Methylene Chloride (ug/l)	Freon 113 (ug/l)	Naphthalene (ug/l)	Chloroform (ug/l)	Total Iron (mg/l)	Dissolved Iron (mg/l)
SPDES Limits	5.0 to 8.5	---	5	5	5	5	5	5	5	5	5	5	5	---	10	7	---	---
2-Jul-12	7.8	127	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	0.93 J,B	ND<0.5	ND<2	ND<0.5	0.69	0.020
10-Jul-12	8.0	107	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	1.3 J,B	ND<0.5	ND<2	ND<0.5	1.86	0.027
16-Jul-12	7.1	105	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	1.8 J	ND<0.5	2.21	0.488
25-Jul-12	6.5	115	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	0.20 J,B	ND<0.5	1.81	0.033
31-Jul-12	7.2	131	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.45 J	ND<0.5	0.25 J	ND<2	ND<0.5	2.0	ND<0.5	3.48	0.216

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
AQ7611:1420NP4-1	7/6/2011	14:20	0.0660	0.0061	0.0170	0.0009	0.0064	0.0095	ND	0.0059	ND	ND	0.0049	NA	ND	ND	0.13
AQ83011:1200NP4-1	8/30/2011	12:00	0.0160	0.0020	0.0049	ND	0.0020	ND	ND	0.0140	0.0027	ND	0.0026	NA	ND	ND	0.05
AQ92811:1120NP4-1	9/28/2011	11:20	0.0170	0.0036	0.0160	ND	0.0069	ND	ND	0.0017	0.0028	0.0013	0.0037	0.0490	0.0011	0.0054	0.23
AQ101811:1300NP4-1	10/18/2011	13:00	0.0370	0.0031	0.0170	ND	0.0081	ND	ND	0.0010	0.0009	0.0004	0.0034	NA	0.0003	ND	0.14
AQ112111:1100NP4-1	11/21/2011	11:00	0.0190	0.0035	0.0160	ND	0.0075	ND	ND	0.0016	0.0022	ND	0.0036	NA	ND	ND	0.09
AQ122711:11:30NP4-1	12/27/2011	11:30	0.0480	0.0038	0.0170	ND	0.0081	0.0032	ND	0.0740	0.0190	0.0062	0.0031	NA	0.0120	ND	0.26
AQ11712:1300NP4-1	1/17/2012	13:00	ND	ND	ND	ND	ND	ND	ND	0.0073	0.0140	0.0070	ND	NA	0.0035	ND	0.22
AQ22112:1100NP4-1	2/21/2012	11:00	0.0490	0.0040	0.0200	ND	0.0089	0.0030	ND	ND	ND	ND	0.0042	0.0024 ^B	ND	ND	0.11
AQ31312:12:10NP4-1	3/13/2012	12:10	0.0450	0.0033	0.0012	ND	0.0050	0.0025	ND	ND	ND	ND	0.0031	0.0210	ND	ND	0.12
AQ42312:1100NP4-1	4/23/2012	11:00	0.0085	0.0022	0.0056	ND	0.0029	ND	ND	0.0110	0.0065	0.0022	0.0032	0.0033	0.0022	0.0029	0.10
AQ52212:1520NP4-1	5/22/2012	15:20	0.0081	ND	0.0100	ND	0.0049	ND	ND	ND	0.0010	ND	0.0031	0.0022	ND	ND	0.08
AQ62012:1240NP4-1	6/20/2012	12:40	0.0180	0.0015	0.0090	ND	0.0053	0.0010	ND	ND	ND	ND	0.0015	0.0012	ND	ND	0.07
AQ072512:1300NP4-1	7/25/2012	13:00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0019 ^B	ND	ND	0.02

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
AQ7611:1425NP4-2	7/6/2011	14:25	0.1400	0.0160	0.0130	ND	ND	ND	ND	0.0056	ND	ND	ND	NA	ND	ND	0.19
AQ83011:1205NP4-2	8/30/2011	12:05	0.1100	0.0130	0.0110	ND	0.0009	ND	ND	0.0079	ND	ND	ND	NA	ND	ND	0.15
AQ92811:1125NP4-2	9/28/2011	11:25	1.3000	0.0270	0.0086	ND	0.0040	ND	ND	0.0041	0.0024	0.0009	ND	0.0230	0.0012	0.0058	1.45
AQ101811:1305NP4-2	10/18/2011	13:05	0.1100	0.0140	0.0110	ND	0.0054	ND	ND	0.0016	0.0016	0.0007	0.0015	NA	0.0006	0.0036	0.31
AQ112111:1105NP4-2	11/21/2011	11:05	0.0830	0.0042	0.0058	ND	0.0080	ND	ND	0.0017	0.0020	0.0094	0.0031	NA	ND	ND	0.19
AQ122711:1135NP4-2	12/27/2011	11:35	0.2400	0.0058	0.0140	ND	0.0095	ND	ND	0.0480	0.0036	ND	ND	NA	0.0048	ND	0.38
AQ11712:1305NP4-2	1/17/2012	13:05	0.0025	ND	ND	ND	ND	ND	ND	0.0080	0.0150	0.0075	ND	NA	0.0038	ND	0.27
AQ22112:1105NP4-2	2/21/2012	11:05	0.0590	ND	0.0240	ND	0.0110	ND	ND	0.0150	0.0038	0.0012	0.0051	0.0042 ^B	0.0025	ND	0.14
AQ31312:1215NP4-2	3/13/2012	12:15	0.0540	ND	0.0120	ND	0.0060	ND	ND	ND	ND	ND	0.0026	0.0053	ND	ND	0.12
AQ42312:1105NP4-2	4/23/2012	11:05	0.1100	0.0017	0.0170	ND	0.0076	ND	ND	0.0140	0.0051	0.0015	0.0041	0.0038	0.0023	ND	0.24
AQ52212:1525NP4-2	5/22/2012	15:25	0.0160	ND	0.0120	ND	0.0050	0.0010	ND	ND	ND	ND	0.0027	0.0028	ND	0.0043	0.12
AQ62012:1245NP4-2	6/20/2012	12:45	0.0530	0.0027	0.0140	ND	0.0061	0.0014	ND	ND	ND	ND	0.0033	0.0013	ND	ND	0.11
AQ072512:1310NP4-2	7/25/2012	13:10	0.0380	0.0017	0.0150	ND	0.0072	0.0016	ND	ND	ND	ND	0.0034	0.0015	ND	ND	0.08

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
AQ7611:1430NP4-3	7/6/2011	14:30	ND	ND	ND	ND	ND	ND	ND	0.0049	0.0034	ND	ND	NA	ND	ND	0.02
AQ83011:1210NP4-3	8/30/2011	12:10	ND	ND	ND	ND	ND	ND	ND	0.0040	ND	ND	ND	NA	ND	ND	0.02
AQ92811:1130NP4-3	9/28/2011	11:30	0.0023	ND	ND	ND	ND	ND	ND	0.0019	0.0013	ND	ND	0.0058	0.0012	ND	0.05
AQ101811:1310NP4-3	10/18/2011	13:10	0.0083	ND	ND	ND	ND	ND	ND	0.0069	ND	ND	ND	NA	ND	ND	0.29
AQ112111:1110NP4-3	11/21/2011	11:10	ND	ND	ND	ND	ND	ND	ND	ND	0.0016	0.0009	ND	ND	ND	ND	0.07
AQ122711:1140NP4-3	12/27/2011	11:40	ND	ND	ND	ND	ND	ND	ND	0.2800	0.0680	0.0210	ND	NA	0.0440	ND	0.62
AQ11712:1310NP4-3	1/17/2012	13:10	0.0025	ND	ND	ND	ND	ND	ND	0.0077	0.0150	0.0073	ND	NA	0.0038	ND	0.25
AQ22112:1110NP4-3	2/21/2012	11:05	ND	ND	0.0046	ND	0.0120	ND	ND	0.0069	0.0031	0.0011	0.0029	0.0030 ^B	0.0016	ND	0.06
AQ31312:1220NP4-3	3/13/2012	12:20	ND	ND	0.0020	ND	0.0057	ND	ND	ND	ND	ND	0.0014	0.0048	ND	ND	0.03
AQ42312:1110NP4-3	4/23/2012	11:10	ND	ND	0.0040	ND	0.0067	ND	ND	0.0090	0.0050	0.0015	0.0022	0.0032	0.0017	0.0029	0.07
AQ52212:1530NP4-3	5/22/2012	15:30	ND	ND	0.0055	ND	0.0063	ND	ND	ND	ND	ND	0.0023	0.0015	ND	ND	0.03
AQ62012:1250NP4-3	6/20/2012	12:50	ND	ND	0.0064	ND	0.0076	ND	ND	ND	ND	ND	0.0026	0.0027	ND	ND	0.04
AQ072512:1320NP4-3	7/25/2012	13:20	ND	ND	0.0090	0.0009	0.0086	ND	ND	ND	ND	ND	0.0036	0.053 ^B	ND	0.0048	0.07

PCE: Tetrachloroethane TCE: Trichloroethene TCA: 1,1,1-Trichloroethane DCE: 1,1-Dichloroethene
DCA: 1,1-Dichloroethane cis-DCE: cis-1,2-Dichloroethene trans-DCE: trans-1,2-Dichloroethylene CF: Chloroform
MC: Methylene Chloride EB: Ethylbenzene

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

NS - Not Sampled

ND - Not Detected

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

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

TABLE 4

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

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	1,1-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	1,1-Dichloroethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Bromoform (ug/L)	Dibromochloromethane (ug/L)	Naphthalene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)	Ethylbenzene (ug/L)	Chloroethane (ug/L)	Acetone (ug/L)
	ARAR's	5	5	5	7	NE	300	300	5	5	5	5	NE	NE	NE	NE	5	5	NE	NE	NE
RW-1	15-Sep-04	ND<1	ND<1	ND<1	2.8	ND<1	0.0865	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	2.5	ND<1	8.0	ND<2	ND<1	ND<1	ND<1	ND<1
	7-Oct-04	ND<1	ND<1	ND<1	ND<1	2.2	0.0332	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	3-Nov-04	ND<1	ND<1	ND<1	1.9	2.0	0.0133	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Dec-04	ND<1	ND<1	ND<1	9.8	ND<1	0.0475	0.0229	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Jan-05	ND<1	ND<1	ND<1	1.5	2.1	0.0703	0.0326	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	8-Feb-05	ND<1	ND<1	ND<1	4.6	ND<1	ND<0.02	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Mar-05	ND<1	ND<1	ND<1	2.5	ND<1	0.0285	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	19-Apr-05	ND<1	ND<1	ND<1	1.5	ND<1	0.0357	0.0217	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	2-May-05	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.02	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Jun-05	ND<1	ND<1	ND<1	4.0	ND<1	ND<0.02	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	14-Jul-05	ND<1	ND<1	ND<1	2.1	ND<1	0.0289	ND<0.02	ND<1	ND<1	ND<1	8.4*	ND<1	ND<1	ND<1	13.0	3.3	1.3	1.0	1.0	6.9*
	7-Mar-06	ND<1	ND<1	ND<1	5.2	ND<1	0.1650	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	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<1	ND<1	ND<2	ND<1	ND<1	ND<1	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<1	ND<1	ND<2	ND<1	ND<1	ND<1	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<1	ND<1	ND<2	ND<1	ND<1	ND<1	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<1	ND<1	ND<2	ND<1	ND<1	ND<1	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<1	ND<1	ND<2	ND<1	ND<1	ND<1	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<1	ND<1	ND<2	ND<1	ND<1	ND<1	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<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Mar-10	ND<1	ND<1	ND<1	0.83 J	ND<1	-	-	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	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<1	ND<1	ND<2	ND<1	ND<1	ND<1	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<1	ND<1	ND<2	ND<1	ND<1	ND<1	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<5	ND<5	ND<10	ND<5	ND<5	ND<5	3.8 B
	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<0.5	0.12 J.B	ND<2	ND<0.5	ND<0.5	ND<0.5	1.1 J.B
RW-2	Aug-10 ^{1/}	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Sep-10	ND<1	ND<1	ND<1	ND<1	ND<1	1.50	0.893	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Oct-10	ND<1	ND<1	ND<1	ND<1	ND<1	1.31	0.039	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Nov-10	2.7	ND<1	ND<1	ND<1	ND<1	1.68	0.073	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	14-Dec-10	0.44 J	ND<1	0.77	ND<1	ND<1	2.86	0.050	0.32 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	10.30	0.012	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-11	0.55 J	ND<1	ND<1	ND<1	ND<1	2.69	0.160	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Mar-11	0.91 J	ND<1	ND<1	ND<1	ND<1	2.85	0.019	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Apr-11	0.57 J	ND<1	ND<1	ND<1	ND<1	3.82	0.010	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	3.72	0.199	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	21-Jun-11	0.85 J	ND<1	ND<1	ND<1	ND<1	1.83	0.033	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.71	0.013	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.20	0.021	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	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<5	ND<5	ND<10	ND<5	ND<5	ND<5	4.5 B
	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<0.5	0.24 J.B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	0.13 J.B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	0.41 J.B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	0.29 J.B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	14-Feb-12	0.84	0.28 J	0.45 J	0.15 J	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.42 J.B	ND<0.5	ND<0.5	ND<0.5	0.53 J	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	0.26 J.B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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	0.12 J	ND<0.5	0.33 J.B	ND<1	ND<0.5	ND<0.5	0.13 J	ND<2
	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<0.5	0.27 J.B	ND<1	ND<0.5	ND<0.5	ND<0.5	1.4 J.B
	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	0.40 J	0.22 J	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	0.19 J.B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2

TABLE 4

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

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Bromoform (ug/L)	Dibromochloromethane (ug/L)	Naphthalene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)	Ethylbenzene (ug/L)	Chloroethane (ug/L)	Acetone (ug/L)
	ARAR's	5	5	5	7	NE	300	300	5	5	5	5	NE	NE	NE	NE	5	5	NE	NE	NE
RW-3 ^{4/}	Aug-10 ^{1/}	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Sep-10	ND<1	ND<1	0.63 J	ND<1	ND<1	2.04	0.948	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Oct-10	ND<1	ND<1	0.84 J	ND<1	ND<1	2.86	0.896	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Nov-10	ND<1	ND<1	ND<1	ND<1	ND<1	1.95	0.369	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	14-Dec-10	ND<1	0.36	ND<1	ND<1	ND<1	2.07	1.76	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.65	0.599	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.43	0.501	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	3.09	0.732	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Apr-11	ND<1	ND<1	ND<1	ND<1	ND<1	5.20	0.571	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.13	1.250	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.11	0.824	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.29	0.611	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	3.25	0.423	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	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<5	ND<5	ND<10	ND<5	ND<5	ND<5	4.3 B
	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<0.5	0.11 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	24-Jan-12	0.20 J	1.0	0.33 J	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.33 J,B	ND<0.5	ND<0.5	ND<0.5	0.19 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	0.28 J	ND<1	ND<0.5	ND<0.5	ND<0.5	1.7 J,B
	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<0.5	0.13 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	1.7 J,B
	10-Apr-12	0.12 J	0.82	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<0.5	0.16 J,B	ND<1	ND<0.5	ND<0.5	0.22 J	ND<2
	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<0.5	0.18 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	0.11 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	0.11 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
RW-4	Aug-10 ^{1/}	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Sep-10	ND<1	ND<1	1.9	ND<1	ND<1	8.96	1.92	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Oct-10	1.7	ND<1	ND<1	ND<1	ND<1	5.07	2.00	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Nov-10	2.9	ND<1	3.5	ND<1	ND<1	6.53	0.27	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	14-Dec-10	0.55 J	ND<1	1.2	ND<1	ND<1	4.69	1.64	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	11-Jan-11	0.5 J	ND<1	ND<1	ND<1	ND<1	4.09	0.01	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-11	0.61 J	ND<1	0.76	ND<1	ND<1	7.46	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	10-Mar-11	0.82 J	ND<1	ND<1	ND<1	ND<1	4.14	1.78	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Apr-11	0.61 J	ND<1	0.74 J	ND<1	ND<1	4.98	1.05	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-May-11	ND<1	ND<1	1.2	ND<1	ND<1	4.81	0.33	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	21-Jun-11	1.0	ND<1	ND<1	ND<1	ND<1	5.12	2.95	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	6.53	0.07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-Aug-11	ND<1	ND<1	0.92	ND<1	ND<1	4.90	0.79	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	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<5	ND<5	ND<10	ND<5	ND<5	ND<5	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<0.5	0.17 J	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	0.16 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	0.11 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	14-Feb-12	1.1	0.13 J	4.0	0.19 J	ND<0.5	-	-	1.8	ND<0.5	0.26 J	0.43 J,B	ND<0.5	ND<0.5	ND<0.5	0.15 J	ND<1	ND<0.5	ND<0.5	ND<0.5	1.7 J,B
	19-Mar-12	1.4	0.18 J	3.6	0.16 J	ND<0.5	-	-	1.1	ND<0.5	0.19 J	0.91 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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	0.40 J	0.13 J	0.11 J,B	ND<1	ND<0.5	ND<0.5	0.16 J	ND<2
	17-May-12	1.8	0.30 J	0.44 J	ND<0.5	ND<0.5	-	-	0.16 J	0.18 J	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.12 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	5.4 B
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	10-Jul-12	1.3	0.15 J	1.9	0.14 J	ND<0.5	-	-	0.65	ND<0.5	ND<0.5	1.1 J,B	ND<0.5	ND<0.5	ND<0.5	0.12 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	1.8 J,B

TABLE 4

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

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Bromoform (ug/L)	Dibromochloromethane (ug/L)	Naphthalene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)	Ethylbenzene (ug/L)	Chloroethane (ug/L)	Acetone (ug/L)
	ARAR's	5	5	5	7	NE	300	300	5	5	5	5	NE	NE	NE	NE	5	5	NE	NE	NE
RW-5 ^{4/}	Aug-10 ^{1/}	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Sep-10	ND<1	ND<1	ND<1	2.3	ND<1	0.030	0.0114	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Oct-10	ND<1	ND<1	ND<1	ND<1	ND<1	0.035	0.0093	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Nov-10	ND<1	ND<1	ND<1	ND<1	ND<1	1.78	0.0188	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	14-Dec-10	ND<1	ND<1	0.7 J	ND<1	ND<1	0.034	0.0080	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	0.047	0.0070	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-11	ND<1	ND<1	1.3	ND<1	ND<1	0.260	0.0150	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	10-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	0.041	0.0100	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Apr-11	ND<1	ND<1	1.2	ND<1	ND<1	0.041	0.0240	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-May-11	ND<1	ND<1	0.8 J	ND<1	ND<1	0.258	0.0050	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	0.031	0.0200	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Jul-11	ND<1	ND<1	0.6 J	ND<1	ND<1	0.027	0.0009	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-Aug-11	ND<1	ND<1	0.6 J	ND<1	ND<1	0.074	0.0240	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	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<5	ND<5	ND<10	ND<5	ND<5	ND<5	3.4 J,B
	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<0.5	0.14 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	24-Jan-12	ND<0.5	ND<0.5	0.68	0.54	ND<0.5	-	-	0.43 J	ND<0.5	ND<0.5	0.35 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	1.6 J,B
	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<0.5	0.13 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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	0.24 J	0.12 J	ND<2	ND<1	ND<0.5	ND<0.5	0.15 J	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	1.5 J,B
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
RW-6	Aug-10 ^{1/}	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Sep-10	4.3	ND<1	2.8	1.8	ND<1	0.0512	0.023	0.36 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Oct-10	4.3	ND<1	4.2	ND<1	ND<1	0.1040	0.037	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Nov-10	5.3	ND<1	3.0	ND<1	ND<1	0.0218	0.016	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	14-Dec-10	1.7	ND<1	0.8 J	ND<1	ND<1	0.1080	0.008	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	11-Jan-11	2.6	ND<1	ND<1	ND<1	ND<1	0.3650	0.015	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-11	1.6	ND<1	0.7	ND<1	ND<1	0.7000	0.008	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	10-Mar-11	1.9	ND<1	0.9 J	ND<1	ND<1	0.1000	0.011	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Apr-11	1.4	ND<1	0.7 J	ND<1	ND<1	0.3200	0.012	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-May-11	1.2	ND<1	0.9 J	ND<1	ND<1	0.0460	0.005	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	21-Jun-11	1.7	ND<1	0.8 J	ND<1	ND<1	0.0450	0.037	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Jul-11	1.0	ND<1	0.8 J	ND<1	ND<1	0.0440	0.010	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-Aug-11	1.3	ND<1	1.2	ND<1	ND<1	0.2340	0.017	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	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<5	ND<5	ND<10	ND<5	ND<5	ND<5	3.5 J,B
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	0.11 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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	0.18 J	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	1.3 J,B
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	1.4 J,B
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2

TABLE 4

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

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Bromoform (ug/L)	Dibromochloromethane (ug/L)	Naphthalene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)	Ethylbenzene (ug/L)	Chloroethane (ug/L)	Acetone (ug/L)
	ARAR's	5	5	5	7	NE	300	300	5	5	5	5	NE	NE	NE	NE	5	5	NE	NE	NE
RW-7	Aug-10 ^{1/}	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Sep-10	ND<1	ND<1	0.67	ND<1	ND<1	0.163	0.0343	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Oct-10	4.6	ND<1	2.4	ND<1	ND<1	0.480	0.1430	0.89	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Nov-10	3.8	ND<1	ND<1	ND<1	ND<1	0.239	0.1490	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	14-Dec-10	0.9 J	ND<1	ND<1	ND<1	ND<1	0.802	0.2070	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	11-Jan-11	1.8	ND<1	ND<1	ND<1	ND<1	0.198	0.0280	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-11	0.9 J	ND<1	ND<1	ND<1	ND<1	0.752	0.0120	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	10-Mar-11	1.8	ND<1	ND<1	ND<1	ND<1	2.34	0.0190	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Apr-11	1.4	ND<1	ND<1	ND<1	ND<1	0.43	0.1180	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-May-11	0.5 J	ND<1	ND<1	ND<1	ND<1	0.37	0.1600	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	21-Jun-11	1.7	ND<1	ND<1	ND<1	ND<1	1.30	0.0610	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Jul-11	0.5 J	ND<1	ND<1	ND<1	ND<1	0.27	0.1430	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-Aug-11	0.8 J	ND<1	ND<1	ND<1	ND<1	0.64	0.1320	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	9/15/2011 ^{3/}	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Oct-11	4.5	0.18 J	0.53	ND<0.5	0.15	--	--	0.40 J	ND<0.5	ND<0.5	0.36 J.B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	0.47 J.B	ND<1	ND<0.5	ND<0.5	ND<0.5	2.0 B
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	1.8 J.B
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	0.15 J	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	1.6 J.B
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	1.2 J.B
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
RW-8 ^{4/}	Aug-10 ^{1/}	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Sep-10	ND<1	ND<1	ND<1	ND<1	ND<1	7.88	0.06	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Oct-10	ND<1	ND<1	ND<1	ND<1	ND<1	10.8	0.13	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Nov-10	ND<1	ND<1	ND<1	ND<1	ND<1	8.29	0.42	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	14-Dec-10	ND<1	ND<1	ND<1	ND<1	ND<1	6.96	1.83	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	22.4	0.06	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-11	ND<1	ND<1	ND<1	ND<1	ND<1	11.2	0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	10-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	4.34	0.23	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Apr-11	ND<1	ND<1	ND<1	ND<1	ND<1	7.23	1.24	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	1.58	0.57	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	5.48	2.52	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	11.6	0.05	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	9.81	0.05	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	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<5	ND<5	ND<10	ND<5	ND<5	ND<5	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	24-Jan-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.42 J.B	ND<0.5	ND<0.5	ND<0.5	2.0 B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	2.0 B	ND<1	ND<0.5	ND<0.5	ND<0.5	1.6 J.B
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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	ND<0.5	ND<2	0.99 J	0.41 J	0.29 J	ND<0.5	9.9 B
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2

TABLE 4

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

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Bromoform (ug/L)	Dibromochloromethane (ug/L)	Naphthalene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)	Ethylbenzene (ug/L)	Chloroethane (ug/L)	Acetone (ug/L)
	ARAR's	5	5	5	7	NE	300	300	5	5	5	5	NE	NE	NE	NE	5	5	NE	NE	NE
RW-9 ^{4/}	Aug-10 ^{1/}	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Sep-10	ND<1	ND<1	ND<1	ND<1	ND<1	1.91	0.694	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Oct-10	ND<1	ND<1	ND<1	ND<1	ND<1	53.30	0.027	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Nov-10	ND<1	ND<1	ND<1	ND<1	ND<1	3.18	0.723	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	14-Dec-10 ^{2/}	ND<1	ND<1	ND<1	ND<1	ND<1	3.36	1.130	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.79	0.143	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.55	0.034	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	10-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	0.65	0.048	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Apr-11	ND<1	ND<1	ND<1	ND<1	ND<1	5.26	0.991	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	3.53	0.389	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	0.50	0.054	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	5.06	0.030	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	5.34	0.060	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	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<5	ND<5	ND<10	ND<5	ND<5	ND<5	3.4 J,B
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	0.16	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	24-Jan-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.14 J	-	-	ND<0.5	ND<0.5	ND<0.5	0.44 J,B	ND<0.5	ND<0.5	ND<0.5	0.27 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	1.4 J,B
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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	0.46 J	0.21 J	ND<2	ND<1	ND<0.5	ND<0.5	0.12 J	ND<2
	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	ND<0.5	0.27 J,B	0.57 J	0.19 J	0.17 J	ND<0.5	7.3 B
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	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<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2

ND: Not detected

<#: Less than method detection limit

ug/L: Micrograms per liter

-: Not analyzed

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

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

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

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

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

^{1/} The FSP&T Recovery system was not operational during most of the month, due to a leaking pipe, thus the recovery wells were not sampled during August 2010.

^{2/} Chloromethane, a constituent not previously detected, was detected in the groundwater sample collected from RW-9 at a concentration of 1.8 ug/l.

^{3/} RW-7 was not sampled because the RW-7 pump was not operable at the time of the sampling event.

^{4/} Starting in June 2012 groundwater samples from these recovery wells are collected via low-flow methods.

TABLE 5

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

Recovery Well FRW-1 VOC Concentrations, micrograms per liter

FRW-1																			
Date	PCE	TCE	12DCE	TCA	11DCA	11DCE	T12DCE	135TMB	124TCB	124TMB	EB	Benzene	o-Xylenes	m-&p-Xylenes	Toluene	VC	Napthalene	MC	Acetone
ARARs	5	5	5	5	5	5	5	5 ¹			5		5	5	5	1 ¹	NE	5	NE
13-Jul-10	22	2.2	3.1	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
31-Aug-10	170	ND<1	42	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	ND<1	ND<1
17-Sep-10	180	3.1	79	5.7	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	ND<1	ND<1
13-Oct-10	190	5.4	15	6.0	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-Nov-10	48	2.9	6.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
7-Dec-10	7.6	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
4-Jan-11	110	2.7	4.7	2.6	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
The FRWs were restarted on January 20, 2011																			
20-Jan11 (10:00 AM)	5.5	2.9	60	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
20-Jan11 (1:30 PM)	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
25-Jan-11	6.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Feb-11	46	ND<1	ND<1	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	ND<1	ND<1
10-Mar-11	68	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	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<5	ND<10	4.4 J,B	4.0 J,B
11-Oct-11	16	ND<5	ND<5	ND<5	ND<5	ND<5	ND<6	ND<5	ND<10	ND<1	ND<1	ND<1	ND<1	ND<5	ND<5	ND<5	ND<10	5.0 J,B	--
8-Nov-11	38	0.41 J	0.18 J	0.26 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.87 J,B	ND<2
20-Dec-11	74	2.4	12	1.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.34 J	0.28 J,B	0.36 J,B	ND<2
24-Jan-12	52	1.5 J	6.6	ND<5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<20	2.2 J	2.3 J	2.2 J	4.7 J	8.8 J	12	ND<5	2.3 J,B	14 J,B	ND<20
14-Feb-12	66	2.0 J	8.0	ND<5	ND<0.5	ND<0.5	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	ND<6	3.8 J,B	18 J,B	32.0
19-Mar-12	37	1.0	3.0	0.24 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.12 J	1.5 J,B	ND<2
10-Apr-12	63	1.0	1.8	0.98	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.12 J,B	0.63 J,B	ND<2
17-May-12	290	14	170	7.1	1.2	0.26 J	0.25 J	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.54	0.19 J,B	2.6 B	2.7 B
20-Jun-12	52	3.7	10	1.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.2 J,B	5.6 B	ND<2
10-Jul-12	21	2.2	31	0.17 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4 J,B	ND<2

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

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

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

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

ND: Not detected

PCE: Tetrachloroethylene

11DCA: 1,1-Dichloroethane

124TCB: 1,2,4-Trichlorobenzene

MC: Methylene chloride

TCE: Trichloroethene

11DCE: 1,1-Dichloroethylene

124TMB: 1,2,4-Trimethylbenzene

12DCE: cis-1,2-Dichloroethene

T12DCE: trans-1,2-Dichloroethylene

EB: Ethyl Benzene

TCA: 1,1,1-Trichloroethane

135TMB: 1,3,5-Trimethylbenzene

VC: Vinyl chloride

Comments:

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

TABLE 6

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

Recovery Well FRW-2 VOC Concentrations, micrograms per liter

FRW-2												
Date	PCE	TCE	12DCE	TCA	Toluene	VC	Napthalene	Chloroform	EB	Benzene	MC	Acetone
ARARs	5	5	5	5	5	1 ^{1/2}	NE	7	5	--	5	NE
13-Jul-10	38	6.7	8.4	ND<1	ND<1	ND<1	ND<1	4.4	ND<1	ND<1	ND<1	ND<1
31-Aug-10	100	9.2	12	ND<1	ND<1	ND<1	ND<1	10	ND<1	ND<1	ND<1	ND<1
16-Sep-10	150	18.0	34	ND<1	ND<1	ND<1	ND<1	9.8	ND<1	ND<1	ND<1	ND<1
13-Oct-10	110	7.7	35	ND<1	ND<1	ND<1	ND<1	1.8	0.39 J	ND<1	ND<1	ND<1
11-Nov-10	2.2	ND<1	4.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
7-Dec-10	5.0	ND<1	3.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
4-Jan-11	35	2.2	4.6	ND<1	ND<1	ND<1	ND<1	0.3 J	ND<1	ND<1	ND<1	ND<1
The FRWs were restarted on January 20, 2011												
20-Jan-11 (10:02 AM)	17	1.7	2.6	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
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
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
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
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
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
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
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
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
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
15-Sep-11	24	1.4 J	1.4 J	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<10	ND<5	ND<5	ND<5	4.0 J,B	--
8-Nov-11	27	2.7	16	ND<0.5	0.33 J	ND<0.5	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	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	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	1.33 J	ND<0.5	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	ND<0.5	0.10 J	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<2	ND<0.5	ND<0.5	ND<0.5	0.49 J,B	ND<2
17-May-12	24	4.5	76	0.25 J	ND<0.5	0.42 J	0.14 J,B	0.12 J	0.14 J	0.12 J	2.6 B	2.4 B
20-Jun-12	48	0.83	0.32 J	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. J	0.12 J	ND<0.5	0.70	ND<2	ND<0.5	ND<0.5	0.13 J	1.2 J,B	ND<2

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

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

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

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

ND: Not detected

PCE: Tetrachloroethylene
TCE: Trichloroethene
12DCE: cis-1,2-Dichloroethene
TCA: 1,1,1-Trichloroethane

VC: Vinyl chloride
EB: Ethylbenzene
MC: Methylene 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 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	12DCE	TCA	IPB	NPB	O-XYL	EB	11DCA	m-&p-Xylenes	Toluene	VC	Napthalene	p-IPT	SBB	1,3,5TMB	Chloroform	CM	MC	Acetone
ARARs	5	5	5	5	5"	5"	5	5	5	5	5	1"			5"	5"	7	5	5	NE
13-Jul-10	10	ND<1	47	1.4	6.7	2.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	1.1	ND<1	21	ND<1	ND<1	ND<1
31-Aug-10	78	13	190	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	13	ND<1	ND<1	ND<1
16-Sep-10	110	12	62	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	4.4	ND<1	ND<1	ND<1
13-Oct-10	9.8	ND<1	22	ND<1	5.8	2.9	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
11-Nov-10	ND<1	ND<1	11	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
7-Dec-10	1.9	ND<1	4.7	ND<1	1.2	0.53 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
4-Jan-11	13	0.8 J	5.6	ND<1	0.9 J	0.38 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
The FRWs were restarted on January 20, 2011																				
20-Jan-11 (10:04 AM)	7.6	ND<1	5.2	ND<1	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
20-Jan-11 (1:34 PM)	ND<1	ND<1	1.8	ND<1	0.8 J	0.4 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
25-Jan-11	ND<1	1.3	2.6	ND<1	0.6 J	0.4 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
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
10-Mar-11	19	2.6	17	ND<1	0.6 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
26-Apr-11	60	2.8	11	ND<1	0.7 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	ND<1	ND<1
11-May-11	85	3.5	13	ND<1	0.7 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	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
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
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
15-Sep-11	16	1.5 J	2.4 J	ND<5	3.6 J	3.0 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	4.5 J,B	4.4 J,B
11-Oct-11	28	2.5	15	2.5 J	1.6 J	1.0 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	4.6 J,B	--
8-Nov-11	36	0.78	3.0	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<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.75 J,B	ND<2
20-Dec-11	68	4.3	9.7	0.74	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.21 J	ND<0.5	ND<0.5	0.28 J	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.43 J,B	ND<2
24-Jan-12	23	1.7	12	ND<0.5	1.8	0.9	ND<0.5	0.12 J	ND<0.5	ND<0.5	0.16 J	0.64	0.12 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.34 J,B	ND<2
14-Feb-12	22	1.3	3.4	ND<0.5	1.8	1.4	ND<0.5	0.10 J	ND<0.5	0.15 J	0.10 J	0.33 J	0.19 J,B	ND<0.5	ND<0.5	0.27 J	ND<0.5	ND<0.5	0.38 J,B	ND<2
19-Mar-12	12	1.1	4.0	ND<0.5	1.7	0.97	ND<0.5	0.18 J	ND<0.5	0.15 J	0.11 J	0.14 J	0.12 J	0.17 J	0.11 J	0.19 J	ND<0.5	ND<0.5	1.5 J,B	ND<2
10-Apr-12	23	1.0	5.3	ND<0.5	1.6	0.99	ND<0.5	ND<0.5	ND<0.5	0.12 J	ND<0.5	0.16 J	0.13 J	0.20 J	0.11 J	0.18 J	ND<0.5	ND<0.5	0.47 J	ND<2
17-May-12	31	5.5	31	0.18 J	1.6	1.2	ND<0.5	0.11 J	0.20 J	0.11 J	0.21 J	1.3	0.14 J,B	0.14 J	0.10 J	ND<0.5	ND<0.5	ND<0.5	2.8 B	2.6 B
20-Jun-12	65	2.5	2.9	0.30 J	2.0	1.3	0.13 J	0.15 J	ND<0.5	0.15 J	0.11 J	ND<0.5	0.16 J,B	0.22 J	0.14 J	0.15 J	ND<0.5	ND<0.5	6.5 B	ND<2
10-Jul-12	23	4.2	3.1	ND<0.5	1.8	1.3	ND<0.5	0.12 J	ND<0.5	0.14 J	0.12 J	0.26 J	0.12 J,B	0.20 J	0.12 J	0.17 J	ND<0.5	ND<0.5	1.2 J,B	ND<2

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

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

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
VC: Vinyl chloride
CM: Chloromethane

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

12DCE: cis-1,2-Dichloroethene
EB: Ethyl Benzene
SBB: sec-Butylbenzene
O-XYL: o-Xylene

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	12DCE	TCA	IPB	NPB	NBB	m-&p-Xylenes	o-Xylene	VC	Napthalene	MC	Acetone
ARARs	5	5	5	5	5 ^{1/}	5 ^{1/}				1 ^{1/}	NE	5	NE
13-Jul-10	1.9	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
31-Aug-10	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
16-Sep-10	ND<1	4.5	0.52 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
13-Oct-10	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
11-Nov-10	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
7-Dec-10	0.58 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
4-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
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
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
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
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
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
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
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
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
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
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
15-Sep-11	22	0.99 J	3.1 J	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<10	4.8 J,B	4.5 J,B
11-Oct-11	13	2.0 J	1.6 J	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<10	4.3 J,B	--
8-Nov-11	30	1.8	6.0	0.19 J	0.19 J	0.13 J	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<2	0.77 J,B	ND<2
20-Dec-11	39	1.7	2.4	0.44 J	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	0.21 J,B	0.47 J,B	ND<2
24-Jan-12	15	0.83	4.6	0.13 J	0.12 J	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<2	0.31 J,B	1.2 J,B
14-Feb-12	25	0.98	3.3	0.14 J	0.15 J	0.10 J	ND<0.5	ND<1	ND<0.5	ND<0.5	0.13 J,B	0.55 J,B	ND<2
19-Mar-12	22	1.2	6.8	0.14 J	0.16 J	ND<0.5	ND<0.5	ND<1	ND<0.5	0.11 J	ND<2	1.6 J,B	1.2 J,B
10-Apr-12	12	0.79	1.8	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<2	0.50	ND<2
17-May-12	10	0.88	11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	0.12 J,B	2.4 B	1.6 J,B
20-Jun-12	21	1.6	2.4	0.16 J	0.15 J	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<2	7.1 B	ND<2
10-Jul-12	24	3.8	4.7	0.27 J	0.11 J	ND<0.5	0.11 J	0.12 J	0.16 J	ND<0.5	1.9 J,B	1.2 J,B	ND<2

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

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

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	1,1-Dichloroethane
TCE: Trichloroethene	NPB: n-Propylbenzene	Vinyl chloride
12DCE: cis-1,2-Dichloroethene	VC: Vinyl Chloride	Methylene chloride
TCA: 1,1,1-Trichloroethane	MC: Methylene chloride	n-Butylbenzene

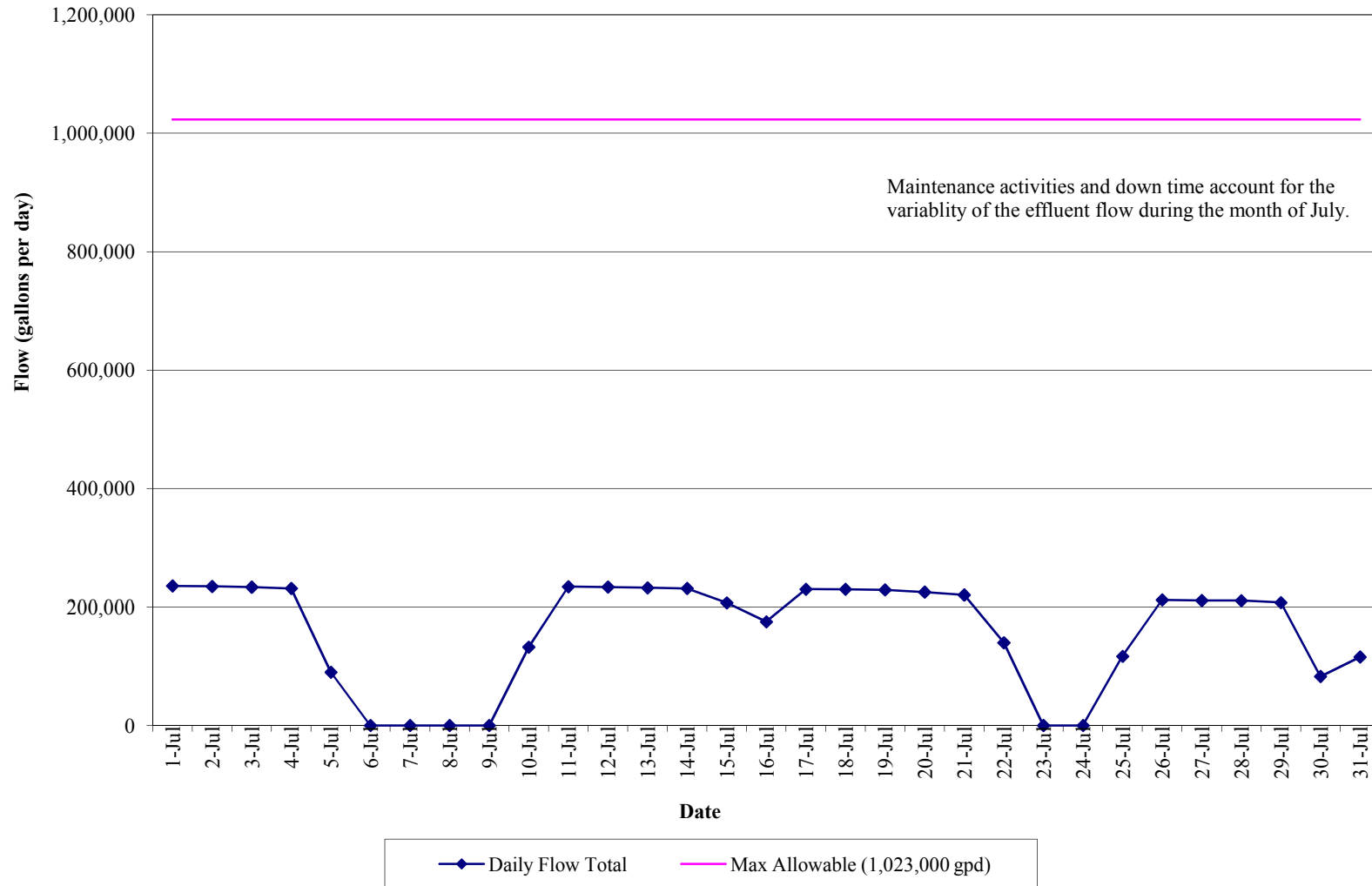
Comments:

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

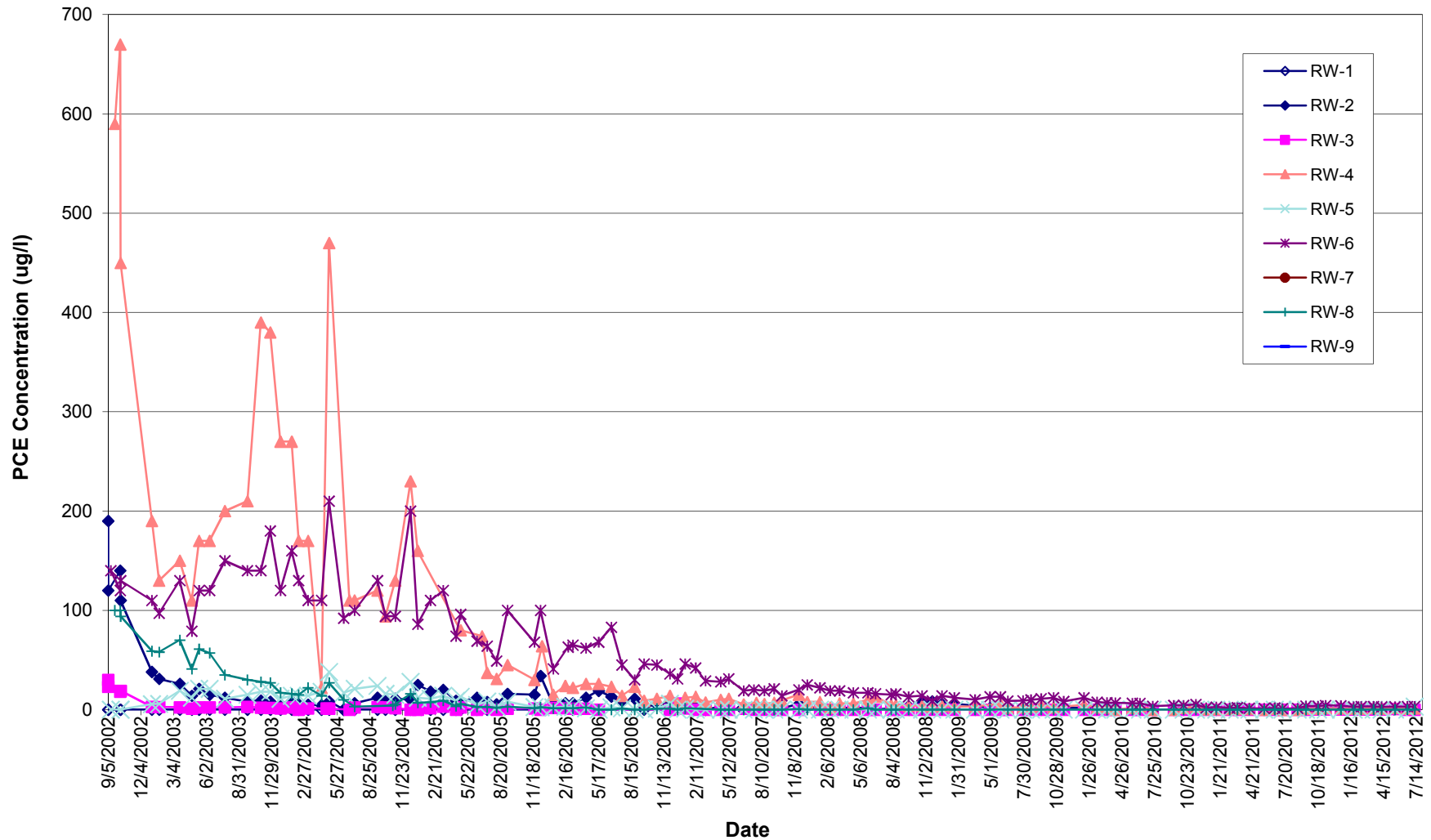
GRAPH 1
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

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



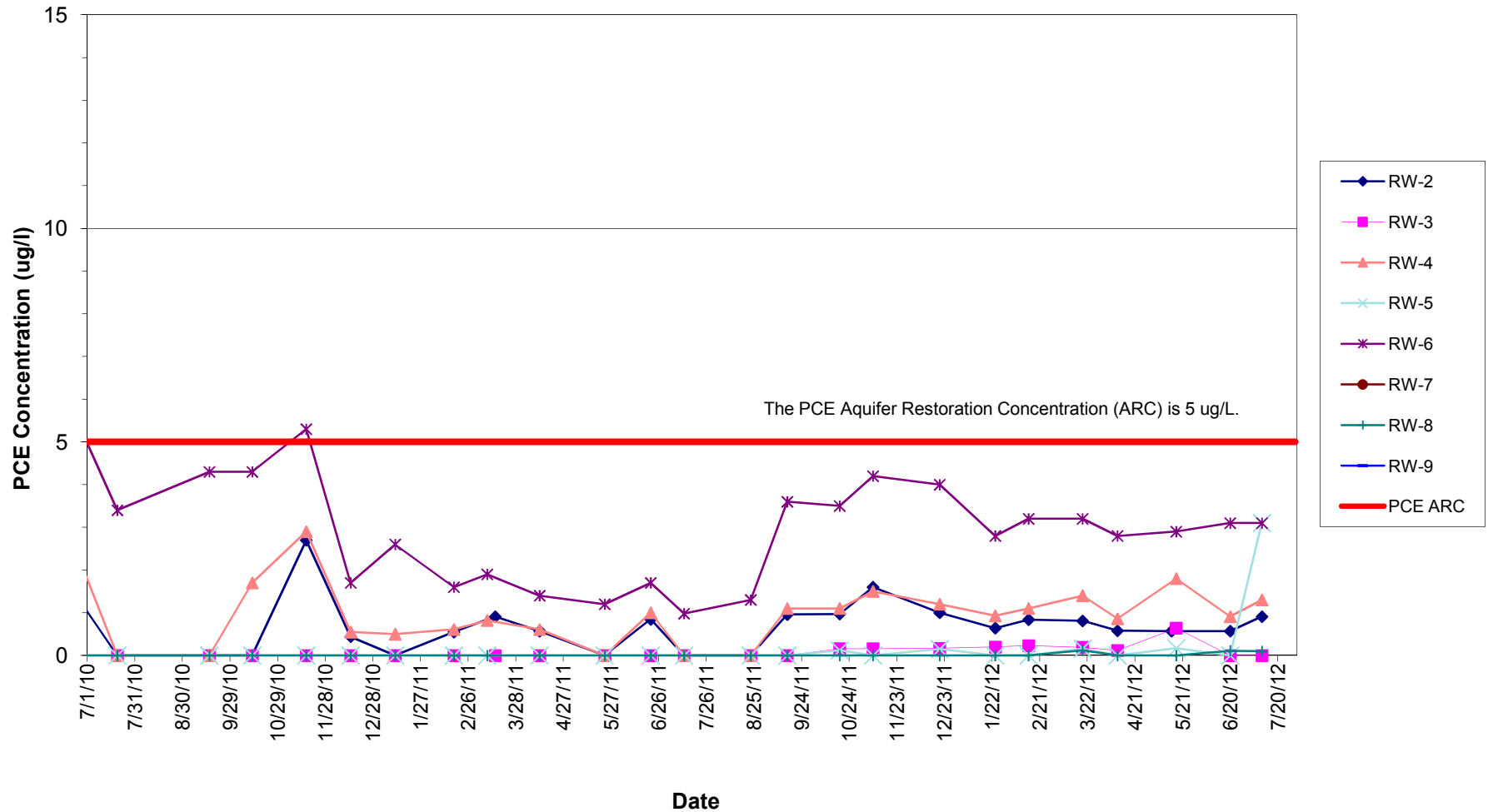
GRAPH 2 **GROUNDWATER REMEDIAL ACTION** **ROWE INDUSTRIES SUPERFUND SITE** **SAG HARBOR, NEW YORK**

FSP&T Recovery Well PCE Concentration in Micrograms per Liter



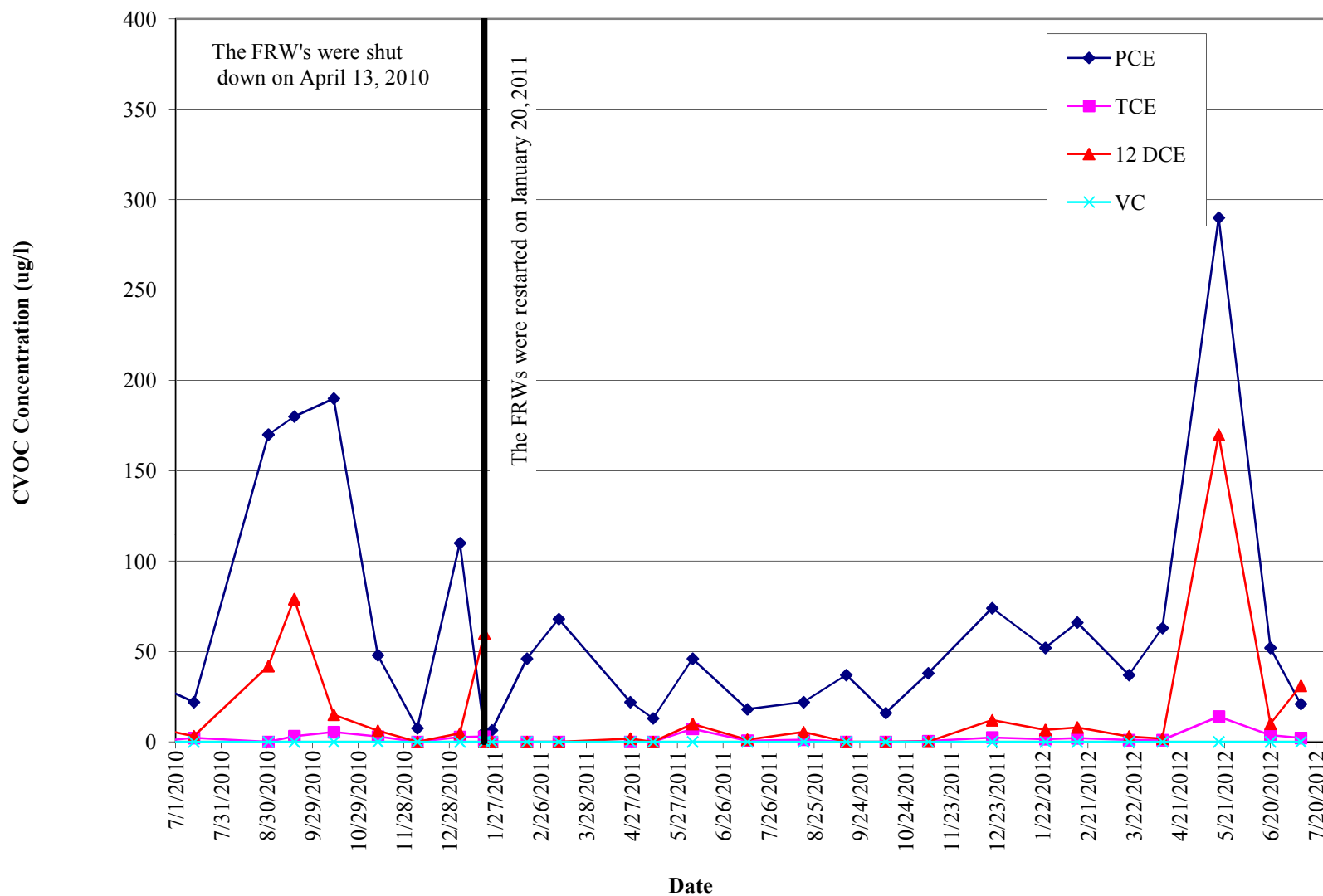
GRAPH 3 **GROUNDWATER REMEDIAL ACTION** **ROWE INDUSTRIES SUPERFUND SITE** **SAG HARBOR, NEW YORK**

FSP&T Recovery Well PCE Concentration



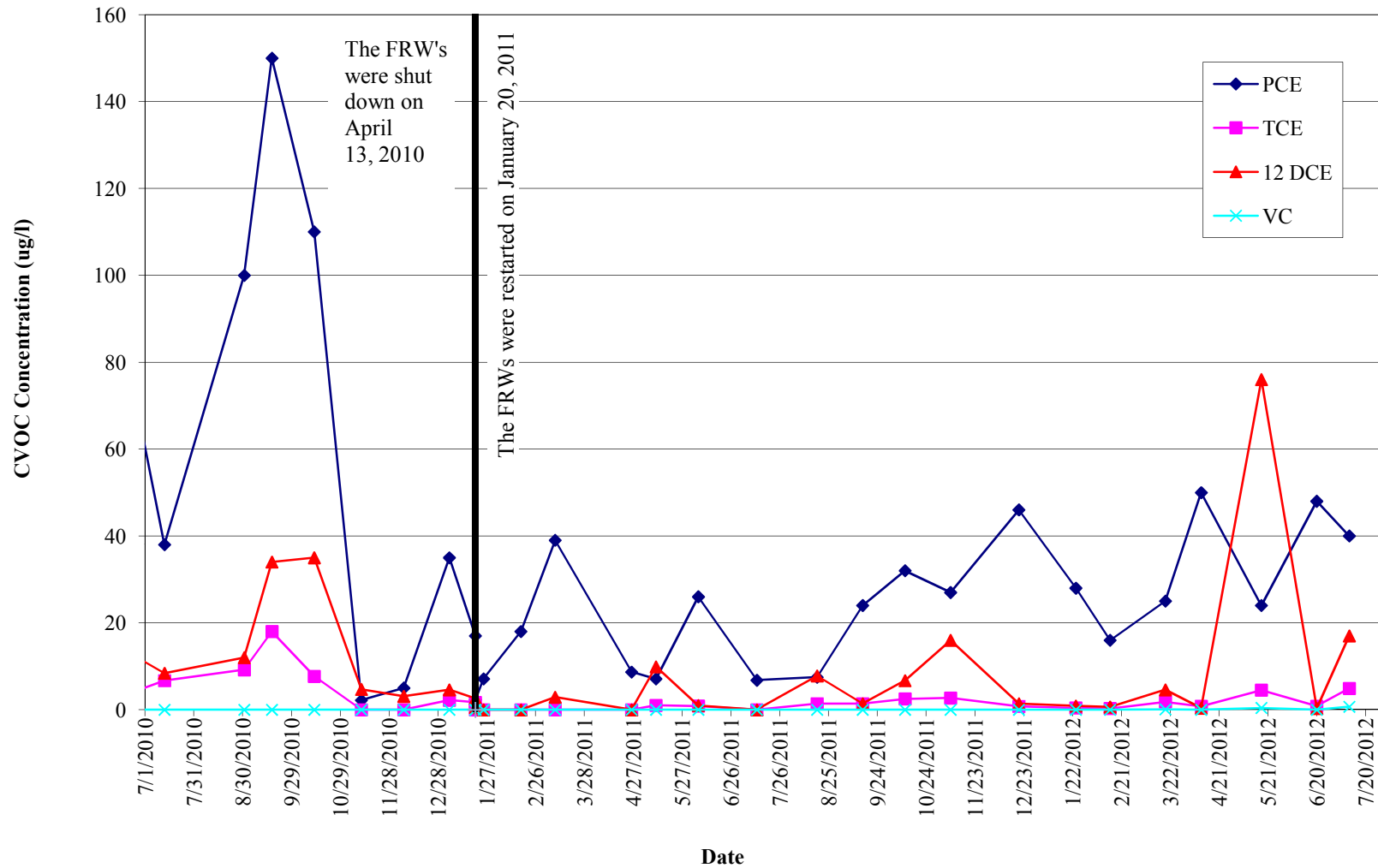
GRAPH 4
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-1



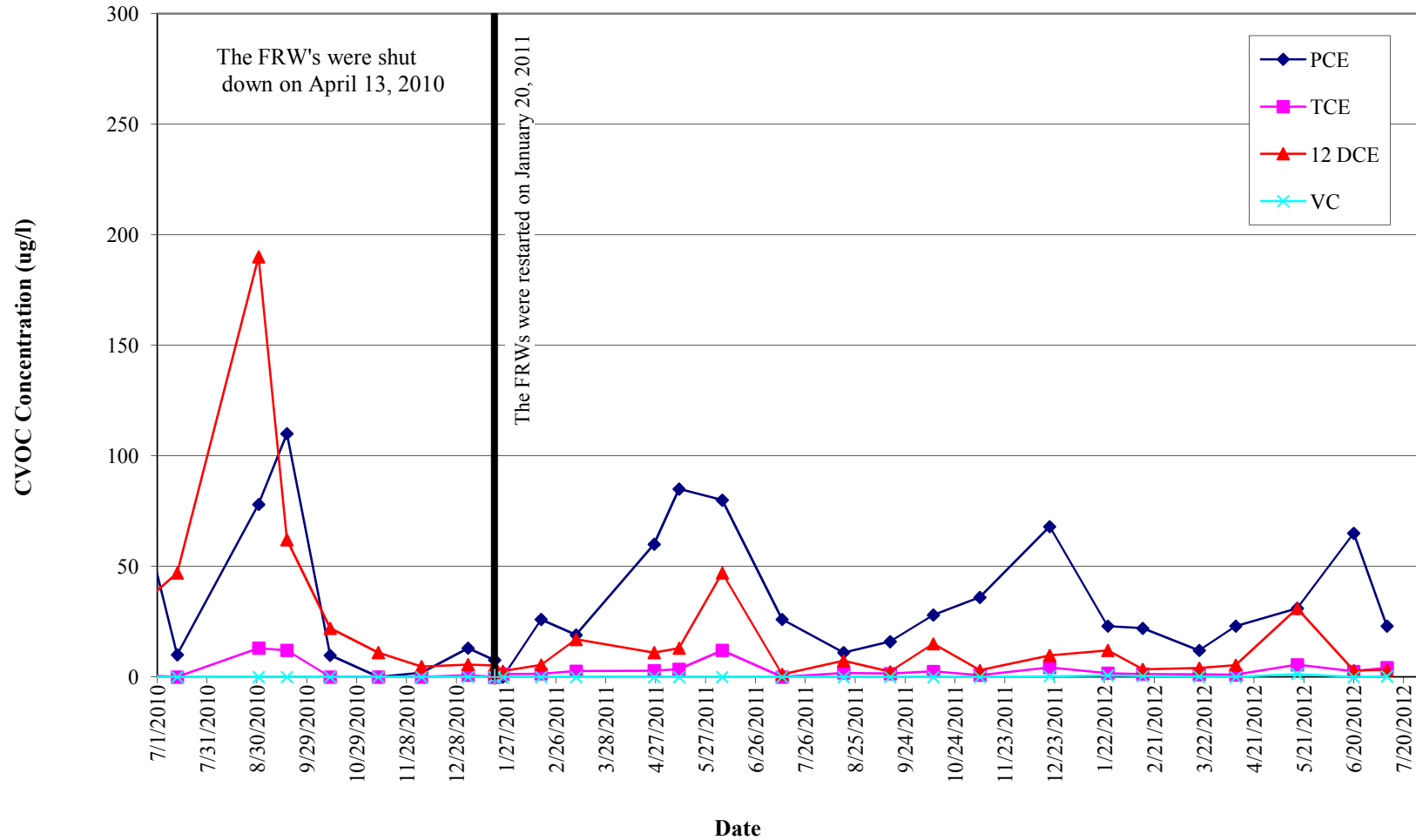
GRAPH 5
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-2



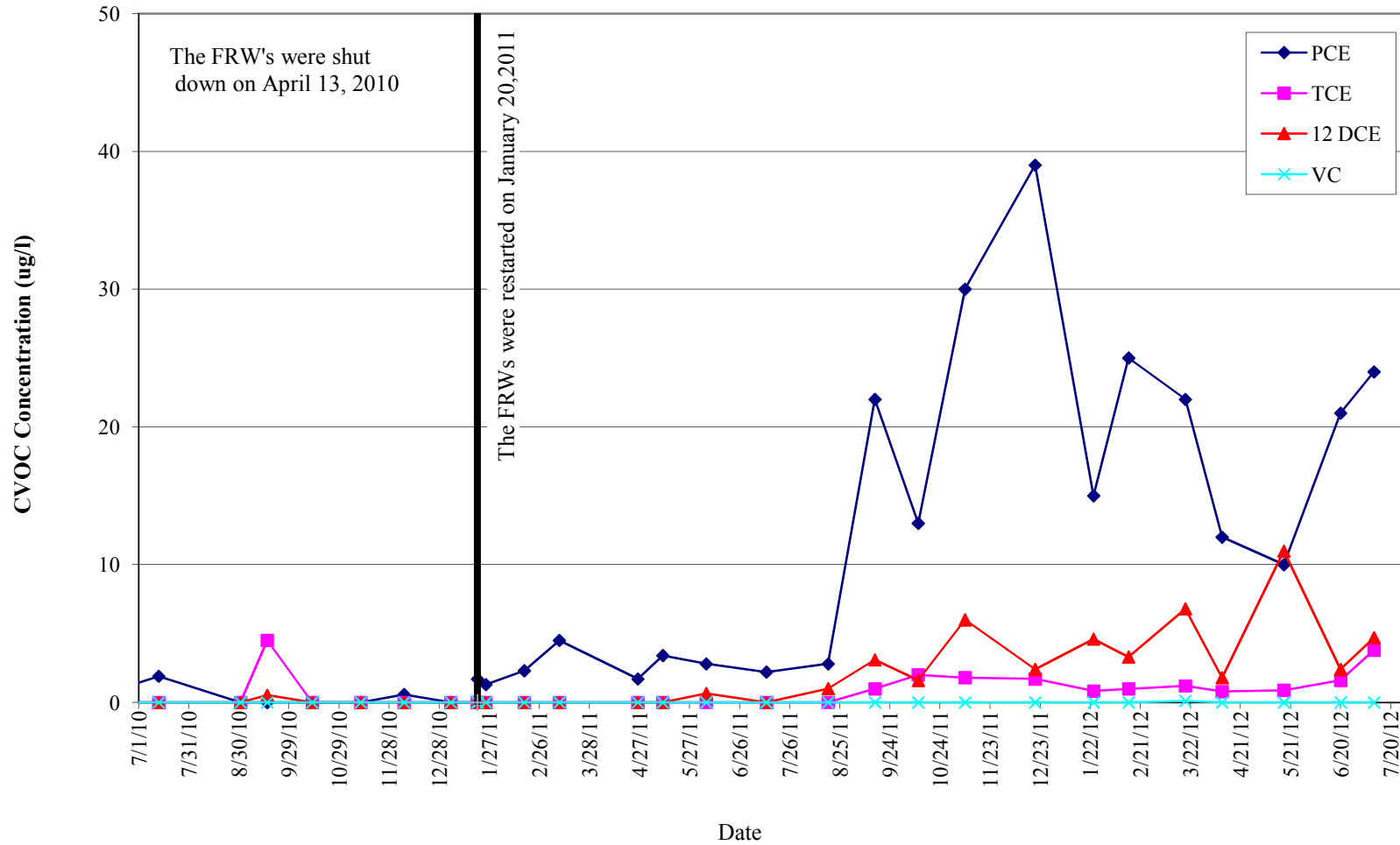
**GRAPH 6
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK**

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
JULY 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 Sandor

Report Date: 07/11/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0090

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 07/11/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0090

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 03, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12G0090-01	WQ7212:1020NP2-6	Water	07/02/2012	07/03/2012
12G0090-02	WQ7212:1025NP2-7	Water	07/02/2012	07/03/2012
12G0091-01	WQ7212:1030NP2-10	Water	07/02/2012	07/03/2012

General Notes for York Project (SDG) No.: 12G0090

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

Approved By:



Date: 07/11/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ7212:1020NP2-6

York Sample ID: 12G0090-01

York Project (SDG) No.

12G0090

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

July 2, 2012 10:20 am

Date Received

07/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
71-55-6	1,1,1-Trichloroethane	1.1		ug/L	0.043	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
75-34-3	1,1-Dichloroethane	0.54		ug/L	0.056	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS

Sample Information

Client Sample ID: WQ7212:1020NP2-6

York Sample ID: 12G0090-01

York Project (SDG) No.
12G0090

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 2, 2012 10:20 am

Date Received
07/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
67-66-3	Chloroform	0.15	J	ug/L	0.051	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
156-59-2	cis-1,2-Dichloroethylene	0.22	J	ug/L	0.030	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
75-09-2	Methylene chloride	0.85	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
127-18-4	Tetrachloroethylene	2.9		ug/L	0.054	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
79-01-6	Trichloroethylene	0.20	J	ug/L	0.067	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	95.7 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	107 %	81.2-127								

Sample Information

Client Sample ID: WQ7212:1020NP2-6

York Sample ID: 12G0090-01

York Project (SDG) No.
12G0090

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 2, 2012 10:20 am

Date Received
07/03/2012

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.108		mg/L	0.00550	0.0100	1	EPA SW846-6010B	07/11/2012 09:09	07/11/2012 10:54	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	1.94		mg/L	0.00550	0.0100	1	EPA 200.7	07/11/2012 09:09	07/11/2012 10:59	MW

Sample Information

Client Sample ID: WQ7212:1025NP2-7

York Sample ID: 12G0090-02

York Project (SDG) No.
12G0090

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 2, 2012 10:25 am

Date Received
07/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS

Sample Information

Client Sample ID: WQ7212:1025NP2-7

York Sample ID: 12G0090-02

York Project (SDG) No.
12G0090

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 2, 2012 10:25 am

Date Received
07/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
67-64-1	Acetone	1.3	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
75-09-2	Methylene chloride	0.91	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS

Sample Information

Client Sample ID: WQ7212:1025NP2-7

York Sample ID: 12G0090-02

York Project (SDG) No.
12G0090

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 2, 2012 10:25 am

Date Received
07/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	97.2 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	106 %	81.2-127								

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.138		mg/L	0.00550	0.0100	1	EPA SW846-6010B	07/11/2012 09:09	07/11/2012 11:05	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.971		mg/L	0.00550	0.0100	1	EPA 200.7	07/11/2012 09:09	07/11/2012 11:10	MW

Sample Information

Client Sample ID: WQ7212:1030NP2-10

York Sample ID: 12G0091-01

York Project (SDG) No.
12G0091

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 2, 2012 10:30 am

Date Received
07/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS

Sample Information

Client Sample ID: WQ7212:1030NP2-10

York Sample ID: 12G0091-01

York Project (SDG) No.
12G0091

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 2, 2012 10:30 am

Date Received
07/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS

Sample Information

Client Sample ID: WQ7212:1030NP2-10

York Sample ID: 12G0091-01

York Project (SDG) No.
12G0091

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 2, 2012 10:30 am

Date Received
07/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
75-09-2	Methylene chloride	0.93	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	95.9 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	106 %	81.2-127								

Sample Information

Client Sample ID: WQ7212:1030NP2-10

York Sample ID: 12G0091-01

York Project (SDG) No.
12G0091

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 2, 2012 10:30 am

Date Received
07/03/2012

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.0202		mg/L	0.00550	0.0100	1	EPA SW846-6010B	07/11/2012 09:09	07/11/2012 11:15	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	0.688		mg/L	0.00550	0.0100	1	EPA 200.7	07/11/2012 09:09	07/11/2012 11:49	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	127		mg/L	1.00	1.00	1	SM 2540C	07/09/2012 10:35	07/11/2012 10:35	AMC

Analytical Batch Summary

Batch ID: BG20261 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12G0091-01	WQ7212:1030NP2-10	07/09/12
BG20261-BLK1	Blank	07/09/12
BG20261-DUP2	Duplicate	07/09/12

Batch ID: BG20268 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12G0090-01	WQ7212:1020NP2-6	07/06/12
12G0090-02	WQ7212:1025NP2-7	07/06/12
12G0091-01	WQ7212:1030NP2-10	07/06/12
BG20268-BLK1	Blank	07/06/12
BG20268-BS1	LCS	07/06/12
BG20268-BSD1	LCS Dup	07/06/12

Batch ID: BG20462 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12G0090-01	WQ7212:1020NP2-6	07/11/12
12G0090-01	WQ7212:1020NP2-6	07/11/12
12G0090-02	WQ7212:1025NP2-7	07/11/12
12G0090-02	WQ7212:1025NP2-7	07/11/12
12G0091-01	WQ7212:1030NP2-10	07/11/12
12G0091-01	WQ7212:1030NP2-10	07/11/12
BG20462-BLK1	Blank	07/11/12
BG20462-BLK1	Blank	07/11/12
BG20462-DUP1	Duplicate	07/11/12
BG20462-DUP1	Duplicate	07/11/12
BG20462-MS1	Matrix Spike	07/11/12
BG20462-MS1	Matrix Spike	07/11/12
BG20462-SRM1	Reference	07/11/12
BG20462-SRM1	Reference	07/11/12

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

York Analytical Laboratories, Inc.

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

Batch BG20268 - EPA 5030B

Blank (BG20268-BLK1)

Prepared & Analyzed: 07/06/2012

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	6.6	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	2.5	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 BG20268 - EPA 5030B											
Blank (BG20268-BLK1)											
Prepared & Analyzed: 07/06/2012											
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>9.90</i>		<i>"</i>	<i>10.0</i>		<i>99.0</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.92</i>		<i>"</i>	<i>10.0</i>		<i>99.2</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.9</i>		<i>"</i>	<i>10.0</i>		<i>109</i>	<i>81.2-127</i>				
LCS (BG20268-BS1)											
Prepared & Analyzed: 07/06/2012											
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82.3-130				
1,1,1-Trichloroethane	11.2		"	10.0		112	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)	10.6		"	10.0		106	71.1-129				
1,1,2-Trichloroethane	10.8		"	10.0		108	74.5-129				
1,1-Dichloroethane	10.7		"	10.0		107	79.6-132				
1,1-Dichloroethylene	11.0		"	10.0		110	80.2-146				
1,1-Dichloropropylene	10.5		"	10.0		105	75-136				
1,2,3-Trichlorobenzene	11.7		"	10.0		117	66.1-136				
1,2,3-Trichloropropane	10.2		"	10.0		102	63-131				
1,2,4-Trichlorobenzene	11.2		"	10.0		112	70.6-136				
1,2,4-Trimethylbenzene	11.5		"	10.0		115	75.3-135				
1,2-Dibromo-3-chloropropane	9.52		"	10.0		95.2	58.9-140				
1,2-Dibromoethane	10.8		"	10.0		108	79-130				
1,2-Dichlorobenzene	10.3		"	10.0		103	76.1-122				
1,2-Dichloroethane	10.5		"	10.0		105	74.6-132				
1,2-Dichloropropane	10.9		"	10.0		109	76.9-129				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	70.6-127				
1,3-Dichlorobenzene	10.7		"	10.0		107	77-124				
1,3-Dichloropropane	10.4		"	10.0		104	75.8-126				
1,4-Dichlorobenzene	10.6		"	10.0		106	76.6-125				
2,2-Dichloropropane	11.7		"	10.0		117	69-133				
2-Chlorotoluene	10.8		"	10.0		108	66.3-119				
2-Hexanone	8.22		"	10.0		82.2	70-130				
4-Chlorotoluene	11.0		"	10.0		110	69.2-127				
Acetone	5.96		"	10.0		59.6	70-130	Low Bias			
Benzene	10.2		"	10.0		102	76.2-129				
Bromobenzene	10.4		"	10.0		104	71.3-123				
Bromochloromethane	10.0		"	10.0		100	70.8-137				
Bromodichloromethane	11.5		"	10.0		115	79.7-134				
Bromoform	11.6		"	10.0		116	70.5-141				
Bromomethane	7.18		"	10.0		71.8	43.9-147				
Carbon tetrachloride	11.1		"	10.0		111	78.1-138				
Chlorobenzene	10.7		"	10.0		107	80.4-125				
Chloroethane	9.22		"	10.0		92.2	55.8-140				
Chloroform	10.5		"	10.0		105	76.6-133				
Chloromethane	6.93		"	10.0		69.3	48.8-115				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	75.1-128				
cis-1,3-Dichloropropylene	11.0		"	10.0		110	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 BG20268 - EPA 5030B											
LCS (BG20268-BS1)						Prepared & Analyzed: 07/06/2012					
Dibromochloromethane	11.0		ug/L	10.0		110	79.8-134				
Dibromomethane	11.0		"	10.0		110	79-130				
Dichlorodifluoromethane	5.95		"	10.0		59.5	47.1-101				
Ethyl Benzene	12.0		"	10.0		120	80.8-128				
Hexachlorobutadiene	11.7		"	10.0		117	64.8-128				
Isopropylbenzene	12.3		"	10.0		123	75.5-135				
Methyl tert-butyl ether (MTBE)	5.28		"	10.0		52.8	65.1-140	Low Bias			
Methylene chloride	8.27		"	10.0		82.7	61.3-120				
Naphthalene	10.3		"	10.0		103	62.3-148				
n-Butylbenzene	12.1		"	10.0		121	67.2-123				
n-Propylbenzene	11.5		"	10.0		115	70.5-127				
o-Xylene	10.4		"	10.0		104	75.9-122				
p- & m- Xylenes	21.3		"	20.0		106	77.7-127				
p-Isopropyltoluene	11.4		"	10.0		114	75.6-129				
sec-Butylbenzene	11.5		"	10.0		115	71.5-125				
Styrene	10.3		"	10.0		103	77.8-123				
tert-Butylbenzene	11.8		"	10.0		118	75.9-151				
Tetrachloroethylene	11.4		"	10.0		114	63.6-167				
Toluene	10.8		"	10.0		108	77-123				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	76.3-139				
trans-1,3-Dichloropropylene	11.0		"	10.0		110	72.5-137				
Trichloroethylene	11.3		"	10.0		113	77.9-130				
Trichlorofluoromethane	10.8		"	10.0		108	57.4-133				
Vinyl Chloride	8.66		"	10.0		86.6	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.85</i>		<i>"</i>	<i>10.0</i>		<i>98.5</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>		<i>105</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>				

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 BG20268 - EPA 5030B											
LCS Dup (BG20268-BSD1)						Prepared & Analyzed: 07/06/2012					
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82.3-130		1.93	21.1	
1,1,1-Trichloroethane	11.3		"	10.0		113	75.6-137		0.445	19.7	
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	71.3-131		5.44	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	71.1-129		0.00	21.7	
1,1,2-Trichloroethane	10.5		"	10.0		105	74.5-129		3.20	20.3	
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132		2.56	20.6	
1,1-Dichloroethylene	11.1		"	10.0		111	80.2-146		0.908	20	
1,1-Dichloropropylene	10.4		"	10.0		104	75-136		0.574	19.3	
1,2,3-Trichlorobenzene	12.5		"	10.0		125	66.1-136		7.03	21.6	
1,2,3-Trichloropropane	10.9		"	10.0		109	63-131		6.34	23.9	
1,2,4-Trichlorobenzene	11.4		"	10.0		114	70.6-136		1.15	21.7	
1,2,4-Trimethylbenzene	12.0		"	10.0		120	75.3-135		4.35	18.8	
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	58.9-140		7.87	27.7	
1,2-Dibromoethane	10.7		"	10.0		107	79-130		1.58	23	
1,2-Dichlorobenzene	10.3		"	10.0		103	76.1-122		0.194	19.8	
1,2-Dichloroethane	10.6		"	10.0		106	74.6-132		0.190	20.2	
1,2-Dichloropropane	10.6		"	10.0		106	76.9-129		2.23	20.7	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	70.6-127		2.16	18.9	
1,3-Dichlorobenzene	10.8		"	10.0		108	77-124		1.12	19.2	
1,3-Dichloropropane	10.2		"	10.0		102	75.8-126		2.04	22.1	
1,4-Dichlorobenzene	10.8		"	10.0		108	76.6-125		1.22	18.6	
2,2-Dichloropropane	11.5		"	10.0		115	69-133		1.29	19.8	
2-Chlorotoluene	11.0		"	10.0		110	66.3-119		1.38	21.6	
2-Hexanone	9.03		"	10.0		90.3	70-130		9.39	30	
4-Chlorotoluene	11.2		"	10.0		112	69.2-127		2.34	19	
Acetone	4.31		"	10.0		43.1	70-130	Low Bias	32.1	30	Non-dir.
Benzene	10.1		"	10.0		101	76.2-129		0.591	19	
Bromobenzene	10.5		"	10.0		105	71.3-123		0.479	20.3	
Bromochloromethane	10.0		"	10.0		100	70.8-137		0.399	23.9	
Bromodichloromethane	11.2		"	10.0		112	79.7-134		2.91	21	
Bromoform	10.5		"	10.0		105	70.5-141		9.69	21.8	
Bromomethane	7.12		"	10.0		71.2	43.9-147		0.839	28.4	
Carbon tetrachloride	11.0		"	10.0		110	78.1-138		0.812	20.1	
Chlorobenzene	10.8		"	10.0		108	80.4-125		1.67	19.9	
Chloroethane	8.99		"	10.0		89.9	55.8-140		2.53	23.3	
Chloroform	10.2		"	10.0		102	76.6-133		2.62	20.3	
Chloromethane	6.90		"	10.0		69.0	48.8-115		0.434	24.5	
cis-1,2-Dichloroethylene	9.98		"	10.0		99.8	75.1-128		4.41	20.5	
cis-1,3-Dichloropropylene	11.0		"	10.0		110	74.5-128		0.00	19.9	
Dibromochloromethane	11.1		"	10.0		111	79.8-134		0.543	21.3	
Dibromomethane	11.3		"	10.0		113	79-130		2.34	22.4	
Dichlorodifluoromethane	5.85		"	10.0		58.5	47.1-101		1.69	23.9	
Ethyl Benzene	12.1		"	10.0		121	80.8-128		1.41	19.2	
Hexachlorobutadiene	11.7		"	10.0		117	64.8-128		0.599	20.6	
Isopropylbenzene	12.5		"	10.0		125	75.5-135		1.46	20	
Methyl tert-butyl ether (MTBE)	6.11		"	10.0		61.1	65.1-140	Low Bias	14.6	23.6	
Methylene chloride	7.87		"	10.0		78.7	61.3-120		4.96	20.4	
Naphthalene	11.0		"	10.0		110	62.3-148		6.28	27.1	
n-Butylbenzene	12.8		"	10.0		128	67.2-123	High Bias	5.22	19.1	
n-Propylbenzene	12.2		"	10.0		122	70.5-127		5.74	23.4	
o-Xylene	10.6		"	10.0		106	75.9-122		2.76	19.3	
p- & m- Xylenes	22.0		"	20.0		110	77.7-127		3.65	18.6	
p-Isopropyltoluene	11.8		"	10.0		118	75.6-129		3.18	19.1	
sec-Butylbenzene	11.8		"	10.0		118	71.5-125		2.92	18.9	

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

York Analytical Laboratories, Inc.

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

Batch BG20268 - EPA 5030B

LCS Dup (BG20268-BSD1)

Prepared & Analyzed: 07/06/2012

Styrene	10.4		ug/L	10.0		104	77.8-123		0.968	20.9	
tert-Butylbenzene	12.1		"	10.0		121	75.9-151		2.43	20.9	
Tetrachloroethylene	11.6		"	10.0		116	63.6-167		1.73	27.7	
Toluene	11.0		"	10.0		110	77-123		2.20	18.7	
trans-1,2-Dichloroethylene	10.8		"	10.0		108	76.3-139		1.28	19.5	
trans-1,3-Dichloropropylene	10.9		"	10.0		109	72.5-137		1.09	19.3	
Trichloroethylene	11.2		"	10.0		112	77.9-130		1.16	20.5	
Trichlorofluoromethane	10.6		"	10.0		106	57.4-133		1.59	21.4	
Vinyl Chloride	8.67		"	10.0		86.7	54.9-124		0.115	22.3	
Surrogate: 1,2-Dichloroethane-d4	10.3		"	10.0		103	72.6-129				
Surrogate: p-Bromofluorobenzene	10.3		"	10.0		103	63.5-145				
Surrogate: Toluene-d8	10.5		"	10.0		105	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 BG20462 - EPA 3010A											
Blank (BG20462-BLK1)						Prepared & Analyzed: 07/11/2012					
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BG20462-DUP1)						*Source sample: 12G0091-01 (WQ7212:1030NP2-10) Prepared & Analyzed: 07/11/2012					
Iron - Dissolved	0.0199	0.0100	mg/L		0.0202				1.28	20	
Matrix Spike (BG20462-MS1)						*Source sample: 12G0091-01 (WQ7212:1030NP2-10) Prepared & Analyzed: 07/11/2012					
Iron - Dissolved	1.07	0.0100	mg/L	1.00	0.0202	105	75-125				
Reference (BG20462-SRM1)						Prepared & Analyzed: 07/11/2012					
Iron - Dissolved	0.268	0.0100	mg/L	0.274		98.0	86.9-115				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20462 - EPA 3010A											
Blank (BG20462-BLK1)											
								Prepared & Analyzed: 07/11/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BG20462-DUP1)											
*Source sample: 12G0091-01 (WQ7212:1030NP2-10)								Prepared & Analyzed: 07/11/2012			
Iron	0.705	0.0100	mg/L		0.688				2.43	20	
Matrix Spike (BG20462-MS1)											
*Source sample: 12G0091-01 (WQ7212:1030NP2-10)								Prepared & Analyzed: 07/11/2012			
Iron	1.72	0.0100	mg/L	1.00	0.688	103	75-125				
Reference (BG20462-SRM1)											
								Prepared & Analyzed: 07/11/2012			
Iron	0.268	0.0100	mg/L	0.274		98.0	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG20261 - % Solids Prep**Blank (BG20261-BLK1)**

Prepared: 07/09/2012 Analyzed: 07/11/2012

Total Dissolved Solids ND 1.00 mg/L

Duplicate (BG20261-DUP2)

*Source sample: 12G0091-01 (WQ7212:1030NP2-10)

Prepared: 07/09/2012 Analyzed: 07/11/2012

Total Dissolved Solids 125 1.00 mg/L 127 1.59 15

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
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.

Page 1 of 1

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0168

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

York Project No. 126 0090

Page 21 of 22

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. 12G0091

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: <u>LB6</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>Shelton, CT 06484</u>	Address: <u>Shelton, CT 06484</u>	Address: <u>Shelton, CT 06484</u>	Address: <u>Shelton, CT 06484</u>	Address: <u>Shelton, CT 06484</u>	Address: <u>Shelton, CT 06484</u>	Address: <u>Shelton, CT 06484</u>	Address: <u>Shelton, CT 06484</u>	Address: <u>Shelton, CT 06484</u>	Address: <u>Shelton, CT 06484</u>	Address: <u>Shelton, CT 06484</u>
Phone No. <u>203-929-8555</u>	Phone No. <u>203-929-8555</u>	Phone No. <u>203-929-8555</u>	Phone No. <u>203-929-8555</u>	Phone No. <u>203-929-8555</u>	Phone No. <u>203-929-8555</u>	Phone No. <u>203-929-8555</u>	Phone No. <u>203-929-8555</u>	Phone No. <u>203-929-8555</u>	Phone No. <u>203-929-8555</u>	Phone No. <u>203-929-8555</u>	Phone No. <u>203-929-8555</u>
Contact Person: <u>Tunde Sandoz</u>	Contact Person: <u>Tunde Sandoz</u>	Contact Person: <u>Tunde Sandoz</u>	Contact Person: <u>Tunde Sandoz</u>	Contact Person: <u>Tunde Sandoz</u>	Contact Person: <u>Tunde Sandoz</u>	Contact Person: <u>Tunde Sandoz</u>	Contact Person: <u>Tunde Sandoz</u>	Contact Person: <u>Tunde Sandoz</u>	Contact Person: <u>Tunde Sandoz</u>	Contact Person: <u>Tunde Sandoz</u>	Contact Person: <u>Tunde Sandoz</u>
E-Mail Address: <u>TSandoz@LB6CT.com</u>	E-Mail Address: <u>TSandoz@LB6CT.com</u>	E-Mail Address: <u>TSandoz@LB6CT.com</u>	E-Mail Address: <u>TSandoz@LB6CT.com</u>	E-Mail Address: <u>TSandoz@LB6CT.com</u>	E-Mail Address: <u>TSandoz@LB6CT.com</u>	E-Mail Address: <u>TSandoz@LB6CT.com</u>	E-Mail Address: <u>TSandoz@LB6CT.com</u>	E-Mail Address: <u>TSandoz@LB6CT.com</u>	E-Mail Address: <u>TSandoz@LB6CT.com</u>	E-Mail Address: <u>TSandoz@LB6CT.com</u>	E-Mail Address: <u>TSandoz@LB6CT.com</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 HALAT</u> Name (printed)											
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 (SWP46-8010) / Vol's, P260 List (EPA SWP45-8260b) plus from #3								
1N27212-1028N2-6	7/2/12 1020	GW	Fe by EPA 200.7/Fe, Dissolved by EPA 8010 (SWP46-8010) / Vol's, P260 List (EPA SWP45-8260b) plus from #3								
1N27212-1025N2-7	7/2/12 1025	GW	Fe by EPA 200.7/Fe, Dissolved by EPA 8010 (SWP46-8010) / Vol's, P260 List (EPA SWP45-8260b) plus from #3								
1N27212-1030N2-10	7/2/12 1030	GW	Fe by EPA 200.7/Fe, Dissolved by EPA 8010 (SWP46-8010) / Vol's, P260 List (EPA SWP45-8260b) plus from #3								
Comments											
Preservation Check these Applicable: ☐ Special Instructions ☐ Field Filtered ☐ Lab to Filter											
Temperature on Receipt: <u>4.0°C</u>											

Technical Report

prepared for:

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

Report Date: 07/24/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0365

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 07/24/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0365

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 12, 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>
12G0365-01	WQ71012:1145NP2-6	Water	07/10/2012	07/12/2012
12G0365-02	WQ71012:1150NP2-7	Water	07/10/2012	07/12/2012
12G0366-01	WQ71012:1155NP2-10	Water	07/10/2012	07/12/2012

General Notes for York Project (SDG) No.: 12G0365

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

Approved By:



Date: 07/24/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ71012:1145NP2-6

York Sample ID: 12G0365-01

York Project (SDG) No.

12G0365

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

July 10, 2012 11:45 am

Date Received

07/12/2012

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	07/13/2012 11:24	07/13/2012 14:51	SS
71-55-6	1,1,1-Trichloroethane	0.91		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
75-34-3	1,1-Dichloroethane	0.34	J	ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS

Sample Information

Client Sample ID: WQ71012:1145NP2-6

York Sample ID: 12G0365-01

York Project (SDG) No.
12G0365

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:45 am

Date Received
07/12/2012

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	07/13/2012 11:24	07/13/2012 14:51	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
67-66-3	Chloroform	0.12	J	ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
156-59-2	cis-1,2-Dichloroethylene	0.81		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
75-09-2	Methylene chloride	1.0	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
91-20-3	Naphthalene	0.11	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
127-18-4	Tetrachloroethylene	3.2		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
79-01-6	Trichloroethylene	0.35	J	ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS

Surrogate Recoveries		Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	72.6-129
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	63.5-145
2037-26-5	Surrogate: Toluene-d8	106 %	81.2-127

Sample Information

Client Sample ID: WQ71012:1145NP2-6

York Sample ID: 12G0365-01

York Project (SDG) No.
12G0365

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:45 am

Date Received
07/12/2012

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	0.170		mg/L	0.00550	0.0100	1	EPA SW846-6010B	07/16/2012 17:27	07/16/2012 20:10	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	1.39		mg/L	0.00550	0.0100	1	EPA 200.7	07/16/2012 17:27	07/16/2012 20:15	MW

Sample Information

Client Sample ID: WQ71012:1150NP2-7

York Sample ID: 12G0365-02

York Project (SDG) No.
12G0365

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:50 am

Date Received
07/12/2012

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	07/13/2012 11:24	07/13/2012 15:37	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS

Sample Information

Client Sample ID: WQ71012:1150NP2-7

York Sample ID: 12G0365-02

York Project (SDG) No.
12G0365

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:50 am

Date Received
07/12/2012

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	07/13/2012 11:24	07/13/2012 15:37	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
67-64-1	Acetone	1.0	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
75-09-2	Methylene chloride	1.3	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS

Sample Information

Client Sample ID: WQ71012:1150NP2-7

York Sample ID: 12G0365-02

York Project (SDG) No.
12G0365

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:50 am

Date Received
07/12/2012

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	07/13/2012 11:24	07/13/2012 15:37	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	106 %	81.2-127								

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.230		mg/L	0.00550	0.0100	1	EPA SW846-6010B	07/16/2012 17:27	07/16/2012 20:20	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	1.88		mg/L	0.00550	0.0100	1	EPA 200.7	07/16/2012 17:27	07/16/2012 20:39	MW

Sample Information

Client Sample ID: WQ71012:1155NP2-10

York Sample ID: 12G0366-01

York Project (SDG) No.
12G0366

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:55 am

Date Received
07/12/2012

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	07/13/2012 11:24	07/13/2012 16:22	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS

Sample Information

Client Sample ID: WQ71012:1155NP2-10

York Sample ID: 12G0366-01

York Project (SDG) No.
12G0366

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:55 am

Date Received
07/12/2012

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	07/13/2012 11:24	07/13/2012 16:22	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
67-64-1	Acetone	1.0	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS

Sample Information

Client Sample ID: WQ71012:1155NP2-10

York Sample ID: 12G0366-01

York Project (SDG) No.
12G0366

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:55 am

Date Received
07/12/2012

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	07/13/2012 11:24	07/13/2012 16:22	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
75-09-2	Methylene chloride	1.3	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	97.0 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	108 %	81.2-127								

Sample Information

Client Sample ID: WQ71012:1155NP2-10

York Sample ID: 12G0366-01

York Project (SDG) No.
12G0366

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:55 am

Date Received
07/12/2012

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	0.0266		mg/L	0.00550	0.0100	1	EPA SW846-6010B	07/16/2012 17:27	07/16/2012 20:45	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	1.86		mg/L	0.00550	0.0100	1	EPA 200.7	07/16/2012 17:27	07/16/2012 21:04	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	107		mg/L	1.00	1.00	1	SM 2540C	07/17/2012 10:11	07/17/2012 10:11	AMC

Analytical Batch Summary

Batch ID: BG20598 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12G0365-01	WQ71012:1145NP2-6	07/13/12
12G0365-02	WQ71012:1150NP2-7	07/13/12
12G0366-01	WQ71012:1155NP2-10	07/13/12
BG20598-BLK1	Blank	07/13/12
BG20598-BS1	LCS	07/13/12
BG20598-BSD1	LCS Dup	07/13/12

Batch ID: BG20645 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12G0366-01	WQ71012:1155NP2-10	07/17/12
BG20645-BLK1	Blank	07/17/12
BG20645-DUP1	Duplicate	07/17/12

Batch ID: BG20686 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12G0365-01	WQ71012:1145NP2-6	07/16/12
12G0365-01	WQ71012:1145NP2-6	07/16/12
12G0365-02	WQ71012:1150NP2-7	07/16/12
12G0365-02	WQ71012:1150NP2-7	07/16/12
12G0366-01	WQ71012:1155NP2-10	07/16/12
12G0366-01	WQ71012:1155NP2-10	07/16/12
BG20686-BLK1	Blank	07/16/12
BG20686-BLK1	Blank	07/16/12
BG20686-DUP1	Duplicate	07/16/12
BG20686-DUP1	Duplicate	07/16/12
BG20686-MS1	Matrix Spike	07/16/12
BG20686-MS1	Matrix Spike	07/16/12
BG20686-SRM1	Reference	07/16/12
BG20686-SRM1	Reference	07/16/12

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

York Analytical Laboratories, Inc.

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

Batch BG20598 - EPA 5030B

Blank (BG20598-BLK1)

Prepared & Analyzed: 07/13/2012

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	1.0	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	0.63	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	0.67	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	3.0	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	2.8	2.0	"
Naphthalene	3.7	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 BG20598 - EPA 5030B											
Blank (BG20598-BLK1)						Prepared & Analyzed: 07/13/2012					
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>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.70</i>		<i>"</i>	<i>10.0</i>		<i>97.0</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>81.2-127</i>				
LCS (BG20598-BS1)						Prepared & Analyzed: 07/13/2012					
1,1,1,2-Tetrachloroethane	9.93		ug/L	10.0		99.3	82.3-130				
1,1,1-Trichloroethane	11.3		"	10.0		113	75.6-137				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	71.1-129				
1,1,2-Trichloroethane	10.5		"	10.0		105	74.5-129				
1,1-Dichloroethane	10.7		"	10.0		107	79.6-132				
1,1-Dichloroethylene	11.1		"	10.0		111	80.2-146				
1,1-Dichloropropylene	6.44		"	10.0		64.4	75-136	Low Bias			
1,2,3-Trichlorobenzene	9.60		"	10.0		96.0	66.1-136				
1,2,3-Trichloropropane	9.90		"	10.0		99.0	63-131				
1,2,4-Trichlorobenzene	9.23		"	10.0		92.3	70.6-136				
1,2,4-Trimethylbenzene	10.5		"	10.0		105	75.3-135				
1,2-Dibromo-3-chloropropane	9.91		"	10.0		99.1	58.9-140				
1,2-Dibromoethane	10.4		"	10.0		104	79-130				
1,2-Dichlorobenzene	9.76		"	10.0		97.6	76.1-122				
1,2-Dichloroethane	11.2		"	10.0		112	74.6-132				
1,2-Dichloropropane	9.99		"	10.0		99.9	76.9-129				
1,3,5-Trimethylbenzene	10.4		"	10.0		104	70.6-127				
1,3-Dichlorobenzene	9.94		"	10.0		99.4	77-124				
1,3-Dichloropropane	9.92		"	10.0		99.2	75.8-126				
1,4-Dichlorobenzene	9.92		"	10.0		99.2	76.6-125				
2,2-Dichloropropane	12.2		"	10.0		122	69-133				
2-Chlorotoluene	10.2		"	10.0		102	66.3-119				
2-Hexanone	9.22		"	10.0		92.2	70-130				
4-Chlorotoluene	10.4		"	10.0		104	69.2-127				
Acetone	9.79		"	10.0		97.9	70-130				
Benzene	10.4		"	10.0		104	76.2-129				
Bromobenzene	9.95		"	10.0		99.5	71.3-123				
Bromochloromethane	10.3		"	10.0		103	70.8-137				
Bromodichloromethane	10.9		"	10.0		109	79.7-134				
Bromoform	11.6		"	10.0		116	70.5-141				
Bromomethane	9.82		"	10.0		98.2	43.9-147				
Carbon tetrachloride	7.80		"	10.0		78.0	78.1-138	Low Bias			
Chlorobenzene	10.2		"	10.0		102	80.4-125				
Chloroethane	10.5		"	10.0		105	55.8-140				
Chloroform	10.8		"	10.0		108	76.6-133				
Chloromethane	11.1		"	10.0		111	48.8-115				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	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 BG20598 - EPA 5030B											
LCS (BG20598-BS1)						Prepared & Analyzed: 07/13/2012					
Dibromochloromethane	10.5		ug/L	10.0		105	79.8-134				
Dibromomethane	10.7		"	10.0		107	79-130				
Dichlorodifluoromethane	9.84		"	10.0		98.4	47.1-101				
Ethyl Benzene	11.3		"	10.0		113	80.8-128				
Hexachlorobutadiene	9.81		"	10.0		98.1	64.8-128				
Isopropylbenzene	11.2		"	10.0		112	75.5-135				
Methyl tert-butyl ether (MTBE)	9.96		"	10.0		99.6	65.1-140				
Methylene chloride	9.26		"	10.0		92.6	61.3-120				
Naphthalene	8.69		"	10.0		86.9	62.3-148				
n-Butylbenzene	10.4		"	10.0		104	67.2-123				
n-Propylbenzene	10.6		"	10.0		106	70.5-127				
o-Xylene	10.1		"	10.0		101	75.9-122				
p- & m- Xylenes	20.9		"	20.0		104	77.7-127				
p-Isopropyltoluene	10.3		"	10.0		103	75.6-129				
sec-Butylbenzene	10.4		"	10.0		104	71.5-125				
Styrene	9.84		"	10.0		98.4	77.8-123				
tert-Butylbenzene	10.3		"	10.0		103	75.9-151				
Tetrachloroethylene	10.6		"	10.0		106	63.6-167				
Toluene	10.3		"	10.0		103	77-123				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	76.3-139				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137				
Trichloroethylene	10.8		"	10.0		108	77.9-130				
Trichlorofluoromethane	11.4		"	10.0		114	57.4-133				
Vinyl Chloride	11.4		"	10.0		114	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.9</i>		<i>"</i>	<i>10.0</i>		<i>109</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>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</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 BG20598 - EPA 5030B											
LCS Dup (BG20598-BSD1)						Prepared & Analyzed: 07/13/2012					
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82.3-130		1.10	21.1	
1,1,1-Trichloroethane	10.7		"	10.0		107	75.6-137		5.91	19.7	
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	71.3-131		4.49	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.87		"	10.0		98.7	71.1-129		2.30	21.7	
1,1,2-Trichloroethane	10.3		"	10.0		103	74.5-129		1.82	20.3	
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132		5.19	20.6	
1,1-Dichloroethylene	10.6		"	10.0		106	80.2-146		4.99	20	
1,1-Dichloropropylene	7.36		"	10.0		73.6	75-136	Low Bias	13.3	19.3	
1,2,3-Trichlorobenzene	10.2		"	10.0		102	66.1-136		6.06	21.6	
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131		2.20	23.9	
1,2,4-Trichlorobenzene	9.33		"	10.0		93.3	70.6-136		1.08	21.7	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	75.3-135		2.80	18.8	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	58.9-140		3.18	27.7	
1,2-Dibromoethane	10.3		"	10.0		103	79-130		1.74	23	
1,2-Dichlorobenzene	9.54		"	10.0		95.4	76.1-122		2.28	19.8	
1,2-Dichloroethane	11.2		"	10.0		112	74.6-132		0.179	20.2	
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129		4.12	20.7	
1,3,5-Trimethylbenzene	9.96		"	10.0		99.6	70.6-127		4.32	18.9	
1,3-Dichlorobenzene	9.70		"	10.0		97.0	77-124		2.44	19.2	
1,3-Dichloropropane	9.89		"	10.0		98.9	75.8-126		0.303	22.1	
1,4-Dichlorobenzene	9.63		"	10.0		96.3	76.6-125		2.97	18.6	
2,2-Dichloropropane	11.4		"	10.0		114	69-133		7.21	19.8	
2-Chlorotoluene	9.84		"	10.0		98.4	66.3-119		3.40	21.6	
2-Hexanone	9.50		"	10.0		95.0	70-130		2.99	30	
4-Chlorotoluene	10.2		"	10.0		102	69.2-127		1.16	19	
Acetone	8.23		"	10.0		82.3	70-130		17.3	30	
Benzene	10.0		"	10.0		100	76.2-129		3.53	19	
Bromobenzene	9.83		"	10.0		98.3	71.3-123		1.21	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		2.06	23.9	
Bromodichloromethane	11.2		"	10.0		112	79.7-134		2.08	21	
Bromoform	10.6		"	10.0		106	70.5-141		9.39	21.8	
Bromomethane	10.2		"	10.0		102	43.9-147		4.29	28.4	
Carbon tetrachloride	9.09		"	10.0		90.9	78.1-138		15.3	20.1	
Chlorobenzene	10.3		"	10.0		103	80.4-125		1.85	19.9	
Chloroethane	9.77		"	10.0		97.7	55.8-140		7.58	23.3	
Chloroform	10.4		"	10.0		104	76.6-133		4.15	20.3	
Chloromethane	10.6		"	10.0		106	48.8-115		4.14	24.5	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	75.1-128		4.38	20.5	
cis-1,3-Dichloropropylene	11.2		"	10.0		112	74.5-128		5.22	19.9	
Dibromochloromethane	10.6		"	10.0		106	79.8-134		0.760	21.3	
Dibromomethane	11.0		"	10.0		110	79-130		2.85	22.4	
Dichlorodifluoromethane	9.68		"	10.0		96.8	47.1-101		1.64	23.9	
Ethyl Benzene	11.4		"	10.0		114	80.8-128		0.442	19.2	
Hexachlorobutadiene	9.96		"	10.0		99.6	64.8-128		1.52	20.6	
Isopropylbenzene	11.0		"	10.0		110	75.5-135		2.70	20	
Methyl tert-butyl ether (MTBE)	9.05		"	10.0		90.5	65.1-140		9.57	23.6	
Methylene chloride	9.39		"	10.0		93.9	61.3-120		1.39	20.4	
Naphthalene	9.91		"	10.0		99.1	62.3-148		13.1	27.1	
n-Butylbenzene	10.2		"	10.0		102	67.2-123		2.04	19.1	
n-Propylbenzene	10.3		"	10.0		103	70.5-127		3.24	23.4	
o-Xylene	10.1		"	10.0		101	75.9-122		0.397	19.3	
p- & m- Xylenes	21.3		"	20.0		107	77.7-127		2.04	18.6	
p-Isopropyltoluene	10.0		"	10.0		100	75.6-129		3.14	19.1	
sec-Butylbenzene	10.1		"	10.0		101	71.5-125		3.61	18.9	

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

York Analytical Laboratories, Inc.

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

Batch BG20598 - EPA 5030B

LCS Dup (BG20598-BSD1)

Prepared & Analyzed: 07/13/2012

Styrene	10.0		ug/L	10.0		100	77.8-123		2.01	20.9
tert-Butylbenzene	10.0		"	10.0		100	75.9-151		2.85	20.9
Tetrachloroethylene	10.5		"	10.0		105	63.6-167		1.05	27.7
Toluene	10.4		"	10.0		104	77-123		1.45	18.7
trans-1,2-Dichloroethylene	10.3		"	10.0		103	76.3-139		1.64	19.5
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137		2.10	19.3
Trichloroethylene	11.0		"	10.0		110	77.9-130		1.46	20.5
Trichlorofluoromethane	11.0		"	10.0		110	57.4-133		3.29	21.4
Vinyl Chloride	10.7		"	10.0		107	54.9-124		6.08	22.3
Surrogate: 1,2-Dichloroethane-d4	10.1		"	10.0		101	72.6-129			
Surrogate: p-Bromofluorobenzene	10.1		"	10.0		101	63.5-145			
Surrogate: Toluene-d8	10.7		"	10.0		107	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 BG20686 - EPA 3010A											
Blank (BG20686-BLK1)								Prepared & Analyzed: 07/16/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BG20686-DUP1)								Prepared & Analyzed: 07/16/2012			
*Source sample: 12G0366-01 (WQ71012:1155NP2-10)											
Iron - Dissolved	0.0290	0.0100	mg/L		0.0266				8.63	20	
Matrix Spike (BG20686-MS1)								Prepared & Analyzed: 07/16/2012			
*Source sample: 12G0366-01 (WQ71012:1155NP2-10)											
Iron - Dissolved	1.11	0.0100	mg/L	1.00	0.0266	108	75-125				
Reference (BG20686-SRM1)								Prepared & Analyzed: 07/16/2012			
Iron - Dissolved	0.285	0.0100	mg/L	0.274		104	86.9-115				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20686 - EPA 3010A											
Blank (BG20686-BLK1)											
								Prepared & Analyzed: 07/16/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BG20686-DUP1)											
*Source sample: 12G0366-01 (WQ71012:1155NP2-10)								Prepared & Analyzed: 07/16/2012			
Iron	1.87	0.0100	mg/L		1.86				0.316	20	
Matrix Spike (BG20686-MS1)											
*Source sample: 12G0366-01 (WQ71012:1155NP2-10)								Prepared & Analyzed: 07/16/2012			
Iron	2.94	0.0100	mg/L	1.00	1.86	108	75-125				
Reference (BG20686-SRM1)											
								Prepared & Analyzed: 07/16/2012			
Iron	0.285	0.0100	mg/L	0.274		104	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG20645 - % Solids Prep**Blank (BG20645-BLK1)**

Prepared & Analyzed: 07/17/2012

Total Dissolved Solids ND 1.00 mg/L

Duplicate (BG20645-DUP1)

*Source sample: 12G0366-01 (WQ71012:1155NP2-10)

Prepared & Analyzed: 07/17/2012

Total Dissolved Solids 101 1.00 mg/L 107 5.77 15

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
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.

ANALYTICAL LABORATORIES, INC.
1320 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Page 1 of 1

York Project No. 12G0365

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.

[illegible]

YORK

ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 12G0366

Page 1 of 1

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>	RUSH - Same Day ☐		RUSH - Next Day ☐		RUSH - Two Day ☐		Summary Report <u>X</u> , pdf			
Address: <u>4 Research Dr, Suite 301</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	RUSH - Three Day ☐		RUSH - Four Day ☐		RUSH - Five Day ☐		Summary w/ QA Summary <u>X</u> , pdf			
Phone No. <u>203-929-8555</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	RUSH - Six Day ☐		RUSH - Seven Day ☐		RUSH - Eight Day ☐		CT RCP Package			
Contact Person: <u>Tonde Sander</u>	Attention: <u>Same</u>	Attention: <u>Same</u>	Attention: <u>Same</u>	RUSH - Nine Day ☐		RUSH - Ten Day ☐		RUSH - Eleven Day ☐		CT RCP Package			
E-Mail Address: <u>TSander@LBGCT.com</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	RUSH - Twelve Day ☐		RUSH - Thirteen Day ☐		RUSH - Fourteen Day ☐		NY ASP A 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): <u>STEPHEN HVAIT</u> Name (printed): <u>STEPHEN HVAIT</u>				Purchase Order No. <u>NAB5A6</u>		Standard (5-7 Days) ☒		Standard (5-7 Days) ☒		NY ASP B Package <u>NY2-10 only</u>			
				Samples from: CT <u>NY</u> <u>X</u> NJ <u></u>		Samples from: CT <u>NY</u> <u>X</u> NJ <u></u>		Electronic Data Deliverables (EDD)		Electronic Data Deliverables (EDD)		Simple Excel <u>X</u>	
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor				Volatiles		Semi-Volatiles		Metals		Misc.			
8260 full 624 STARS list MTBE TCL list TAGM list CT RCP list Aroma. only Halog. only App. IX list 8021B list				8270 or 623 8082 PCB 8081 PCB 815 Herb CT RCP App. IX PAH list TAGM list Site Spec. SPL or TCLP TCLP list NIDEP list App. IX TCLP BNA SPL or TCLP		RCRA8 PP13 list TAL CT15 list TAGM list NIDEP list Site Spec. SPL or TCLP TCLP list NIDEP list App. IX TCLP BNA SPL or TCLP		TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS SPL or TCLP Basic Metals LIST Below Helium		Misc. Corrosivity Reactivity Igibility Flash Point Stove Anal. Fluorocarbon TOX BTU/Mb. Aqueous Tox TOC NYSDEC Case Asbestos Silica		NYSDDEC EQulS EQulS (std) NIDEP SRP HazSite EDD GIS/KEY (std) Other York Regulatory Comparison Excel Spreadsheet Compare to the following Regs. (please fill in):	
Choose Analyses Needed from the Menu Above and Enter Below				Fe by EPA 200.7/Fe, Dissolved by EPA 6010 (SW 846-6010B) / VOCs, 8260 List (EPA SW 845-8260B) plus from 113		Fe by EPA 200.7/Fe, Dissolved by EPA 6010 (SW 846-6010B) / VOCs, 8260 List (EPA SW 845-8260B) plus from 113		Fe by EPA 200.7/Fe, Dissolved by EPA 6010 (SW 846-6010B) / VOCs, 8260 List (EPA SW 845-8260B) plus from 113		2v 2p 2v 2p 2v 3p			
Sample Identification WQ271012: 1145N02-6 WQ271012: 1150N02-7 WQ271012: 1155N02-10				Date Sampled 7/10/12 1145 7/10/12 1150 7/10/12 1155		Sample Matrix GW GW GW		Container Description(s) 2v 2p 2v 2p 2v 3p		Temperature on Receipt 4.5 °C			
Comments Preservation Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐				4°C Frozen HCl MeOH Ascorbic Acid Other		HNO₃ H₂SO₄ NaOH		Samples Relinquished By 7/12/12 1130 Date/Time		Samples Received By 7/12/12 1420 Date/Time			
Samples Relinquished By Date/Time				Samples Relinquished By Date/Time		Samples Relinquished By Date/Time		Samples Relinquished By Date/Time		Samples Relinquished By Date/Time			

Technical Report

prepared for:

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

Report Date: 07/24/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0475

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 07/24/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0475

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 17, 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>
12G0475-01	WQ71612:1120NP2-6	Water	07/16/2012	07/17/2012
12G0475-02	WQ71612:1125NP2-7	Water	07/16/2012	07/17/2012
12G0476-01	WQ71612:1130NP2-10	Water	07/16/2012	07/17/2012

General Notes for York Project (SDG) No.: 12G0475

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

Approved By:



Date: 07/24/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ71612:1120NP2-6

York Sample ID: 12G0475-01

York Project (SDG) No.

12G0475

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

July 16, 2012 11:20 am

Date Received

07/17/2012

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	07/18/2012 13:52	07/18/2012 20:39	SS
71-55-6	1,1,1-Trichloroethane	0.96		ug/L	0.024	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
75-34-3	1,1-Dichloroethane	0.48	J	ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS

Sample Information

Client Sample ID: WQ71612:1120NP2-6

York Sample ID: 12G0475-01

York Project (SDG) No.
12G0475

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 16, 2012 11:20 am

Date Received
07/17/2012

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	07/18/2012 13:52	07/18/2012 20:39	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
67-66-3	Chloroform	0.18	J	ug/L	0.079	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
91-20-3	Naphthalene	0.36	J	ug/L	0.090	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
127-18-4	Tetrachloroethylene	1.4		ug/L	0.070	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
79-01-6	Trichloroethylene	0.13	J	ug/L	0.071	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	97.4 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	100 %	81.2-127								

Sample Information

Client Sample ID: WQ71612:1120NP2-6

York Sample ID: 12G0475-01

York Project (SDG) No.
12G0475

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 16, 2012 11:20 am

Date Received
07/17/2012

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	0.384		mg/L	0.0100	0.0100	1	EPA SW846-6010B	07/17/2012 15:00	07/17/2012 19:21	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	3.01		mg/L	0.0100	0.0100	1	EPA 200.7	07/17/2012 15:00	07/17/2012 19:27	MW

Sample Information

Client Sample ID: WQ71612:1125NP2-7

York Sample ID: 12G0475-02

York Project (SDG) No.
12G0475

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 16, 2012 11:25 am

Date Received
07/17/2012

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	07/18/2012 13:52	07/18/2012 21:22	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS

Sample Information

Client Sample ID: WQ71612:1125NP2-7

York Sample ID: 12G0475-02

York Project (SDG) No.
12G0475

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 16, 2012 11:25 am

Date Received
07/17/2012

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	07/18/2012 13:52	07/18/2012 21:22	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
91-20-3	Naphthalene	0.13	J	ug/L	0.090	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS

Sample Information

Client Sample ID: WQ71612:1125NP2-7

York Sample ID: 12G0475-02

York Project (SDG) No.
12G0475

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 16, 2012 11:25 am

Date Received
07/17/2012

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	07/18/2012 13:52	07/18/2012 21:22	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	99.9 %	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	0.182		mg/L	0.0100	0.0100	1	EPA SW846-6010B	07/17/2012 15:00	07/17/2012 19:32	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	1.31		mg/L	0.0100	0.0100	1	EPA 200.7	07/17/2012 15:00	07/17/2012 19:37	MW

Sample Information

Client Sample ID: WQ71612:1130NP2-10

York Sample ID: 12G0476-01

York Project (SDG) No.
12G0476

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 16, 2012 11:30 am

Date Received
07/17/2012

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	07/18/2012 13:52	07/18/2012 19:55	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	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	07/18/2012 13:52	07/18/2012 19:55	SS

Sample Information

Client Sample ID: WQ71612:1130NP2-10

York Sample ID: 12G0476-01

York Project (SDG) No.
12G0476

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 16, 2012 11:30 am

Date Received
07/17/2012

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	07/18/2012 13:52	07/18/2012 19:55	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS

Sample Information

Client Sample ID: WQ71612:1130NP2-10

York Sample ID: 12G0476-01

York Project (SDG) No.
12G0476

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 16, 2012 11:30 am

Date Received
07/17/2012

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	07/18/2012 13:52	07/18/2012 19:55	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
91-20-3	Naphthalene	1.8	J	ug/L	0.090	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	97.3 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								

Sample Information

Client Sample ID: WQ71612:1130NP2-10

York Sample ID: 12G0476-01

York Project (SDG) No.
12G0476

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 16, 2012 11:30 am

Date Received
07/17/2012

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	0.488		mg/L	0.0100	0.0100	1	EPA SW846-6010B	07/17/2012 15:00	07/17/2012 19:42	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	2.21		mg/L	0.0100	0.0100	1	EPA 200.7	07/17/2012 15:00	07/17/2012 20:16	MW

Total Dissolved Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	105		mg/L	1.00	1.00	1	SM 2540C	07/20/2012 14:07	07/23/2012 14:07	AMC

Analytical Batch Summary

Batch ID: BG20740

Preparation Method: EPA 3010A

Prepared By: MW

YORK Sample ID	Client Sample ID	Preparation Date
12G0475-01	WQ71612:1120NP2-6	07/17/12
12G0475-01	WQ71612:1120NP2-6	07/17/12
12G0475-02	WQ71612:1125NP2-7	07/17/12
12G0475-02	WQ71612:1125NP2-7	07/17/12
12G0476-01	WQ71612:1130NP2-10	07/17/12
12G0476-01	WQ71612:1130NP2-10	07/17/12
BG20740-BLK1	Blank	07/17/12
BG20740-BLK1	Blank	07/17/12
BG20740-DUP1	Duplicate	07/17/12
BG20740-DUP1	Duplicate	07/17/12
BG20740-MS1	Matrix Spike	07/17/12
BG20740-MS1	Matrix Spike	07/17/12
BG20740-SRM1	Reference	07/17/12
BG20740-SRM1	Reference	07/17/12

Batch ID: BG20779

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12G0475-01	WQ71612:1120NP2-6	07/18/12
12G0475-02	WQ71612:1125NP2-7	07/18/12
12G0476-01	WQ71612:1130NP2-10	07/18/12
BG20779-BLK1	Blank	07/18/12
BG20779-BS1	LCS	07/18/12
BG20779-BSD1	LCS Dup	07/18/12

Batch ID: BG20887

Preparation Method: % Solids Prep

Prepared By: AMC

YORK Sample ID	Client Sample ID	Preparation Date
12G0476-01	WQ71612:1130NP2-10	07/20/12
BG20887-BLK1	Blank	07/20/12
BG20887-DUP1	Duplicate	07/20/12

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

York Analytical Laboratories, Inc.

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

Batch BG20779 - EPA 5030B

Blank (BG20779-BLK1)

Prepared & Analyzed: 07/18/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	ND	2.0	"
Naphthalene	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 BG20779 - EPA 5030B											
Blank (BG20779-BLK1)											
Prepared & Analyzed: 07/18/2012											
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	10.8		"	10.0		108	72.6-129				
Surrogate: p-Bromofluorobenzene	10.3		"	10.0		103	63.5-145				
Surrogate: Toluene-d8	10.0		"	10.0		100	81.2-127				
LCS (BG20779-BS1)											
Prepared & Analyzed: 07/18/2012											
1,1,1,2-Tetrachloroethane	8.88		ug/L	10.0		88.8	82.3-130				
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137				
1,1,2,2-Tetrachloroethane	8.82		"	10.0		88.2	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	71.1-129				
1,1,2-Trichloroethane	9.08		"	10.0		90.8	74.5-129				
1,1-Dichloroethane	9.92		"	10.0		99.2	79.6-132				
1,1-Dichloroethylene	10.8		"	10.0		108	80.2-146				
1,1-Dichloropropylene	10.7		"	10.0		107	75-136				
1,2,3-Trichlorobenzene	9.14		"	10.0		91.4	66.1-136				
1,2,3-Trichloropropane	8.75		"	10.0		87.5	63-131				
1,2,4-Trichlorobenzene	9.04		"	10.0		90.4	70.6-136				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	75.3-135				
1,2-Dibromo-3-chloropropane	7.65		"	10.0		76.5	58.9-140				
1,2-Dibromoethane	9.24		"	10.0		92.4	79-130				
1,2-Dichlorobenzene	9.04		"	10.0		90.4	76.1-122				
1,2-Dichloroethane	9.97		"	10.0		99.7	74.6-132				
1,2-Dichloropropane	9.32		"	10.0		93.2	76.9-129				
1,3,5-Trimethylbenzene	9.01		"	10.0		90.1	70.6-127				
1,3-Dichlorobenzene	9.31		"	10.0		93.1	77-124				
1,3-Dichloropropane	8.91		"	10.0		89.1	75.8-126				
1,4-Dichlorobenzene	9.34		"	10.0		93.4	76.6-125				
2,2-Dichloropropane	11.2		"	10.0		112	69-133				
2-Chlorotoluene	9.37		"	10.0		93.7	66.3-119				
2-Hexanone	7.85		"	10.0		78.5	70-130				
4-Chlorotoluene	9.70		"	10.0		97.0	69.2-127				
Acetone	5.08		"	10.0		50.8	70-130	Low Bias			
Benzene	9.28		"	10.0		92.8	76.2-129				
Bromobenzene	9.15		"	10.0		91.5	71.3-123				
Bromochloromethane	9.27		"	10.0		92.7	70.8-137				
Bromodichloromethane	9.72		"	10.0		97.2	79.7-134				
Bromoform	8.59		"	10.0		85.9	70.5-141				
Bromomethane	8.69		"	10.0		86.9	43.9-147				
Carbon tetrachloride	10.9		"	10.0		109	78.1-138				
Chlorobenzene	9.34		"	10.0		93.4	80.4-125				
Chloroethane	9.57		"	10.0		95.7	55.8-140				
Chloroform	9.41		"	10.0		94.1	76.6-133				
Chloromethane	8.26		"	10.0		82.6	48.8-115				
cis-1,2-Dichloroethylene	9.32		"	10.0		93.2	75.1-128				
cis-1,3-Dichloropropylene	9.51		"	10.0		95.1	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 BG20779 - EPA 5030B											
LCS (BG20779-BS1)						Prepared & Analyzed: 07/18/2012					
Dibromochloromethane	9.31		ug/L	10.0		93.1	79.8-134				
Dibromomethane	9.57		"	10.0		95.7	79-130				
Dichlorodifluoromethane	8.63		"	10.0		86.3	47.1-101				
Ethyl Benzene	10.5		"	10.0		105	80.8-128				
Hexachlorobutadiene	9.59		"	10.0		95.9	64.8-128				
Isopropylbenzene	10.9		"	10.0		109	75.5-135				
Methyl tert-butyl ether (MTBE)	8.48		"	10.0		84.8	65.1-140				
Methylene chloride	6.23		"	10.0		62.3	61.3-120				
Naphthalene	8.77		"	10.0		87.7	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	9.24		"	10.0		92.4	75.9-122				
p- & m- Xylenes	19.6		"	20.0		98.0	77.7-127				
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129				
sec-Butylbenzene	10.4		"	10.0		104	71.5-125				
Styrene	8.99		"	10.0		89.9	77.8-123				
tert-Butylbenzene	10.8		"	10.0		108	75.9-151				
Tetrachloroethylene	10.2		"	10.0		102	63.6-167				
Toluene	9.52		"	10.0		95.2	77-123				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	76.3-139				
trans-1,3-Dichloropropylene	9.41		"	10.0		94.1	72.5-137				
Trichloroethylene	10.0		"	10.0		100	77.9-130				
Trichlorofluoromethane	11.6		"	10.0		116	57.4-133				
Vinyl Chloride	9.87		"	10.0		98.7	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.72</i>		<i>"</i>	<i>10.0</i>		<i>97.2</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>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</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	Limit	Flag
Batch BG20779 - EPA 5030B											
LCS Dup (BG20779-BSD1)						Prepared & Analyzed: 07/18/2012					
1,1,1,2-Tetrachloroethane	9.63		ug/L	10.0		96.3	82.3-130		8.10	21.1	
1,1,1-Trichloroethane	10.9		"	10.0		109	75.6-137		4.90	19.7	
1,1,2,2-Tetrachloroethane	9.22		"	10.0		92.2	71.3-131		4.43	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	71.1-129		5.41	21.7	
1,1,2-Trichloroethane	9.73		"	10.0		97.3	74.5-129		6.91	20.3	
1,1-Dichloroethane	10.8		"	10.0		108	79.6-132		8.12	20.6	
1,1-Dichloroethylene	11.2		"	10.0		112	80.2-146		4.01	20	
1,1-Dichloropropylene	10.9		"	10.0		109	75-136		1.76	19.3	
1,2,3-Trichlorobenzene	9.32		"	10.0		93.2	66.1-136		1.95	21.6	
1,2,3-Trichloropropane	9.64		"	10.0		96.4	63-131		9.68	23.9	
1,2,4-Trichlorobenzene	9.04		"	10.0		90.4	70.6-136		0.00	21.7	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	75.3-135		3.40	18.8	
1,2-Dibromo-3-chloropropane	9.33		"	10.0		93.3	58.9-140		19.8	27.7	
1,2-Dibromoethane	9.65		"	10.0		96.5	79-130		4.34	23	
1,2-Dichlorobenzene	9.47		"	10.0		94.7	76.1-122		4.65	19.8	
1,2-Dichloroethane	10.6		"	10.0		106	74.6-132		6.60	20.2	
1,2-Dichloropropane	9.79		"	10.0		97.9	76.9-129		4.92	20.7	
1,3,5-Trimethylbenzene	9.37		"	10.0		93.7	70.6-127		3.92	18.9	
1,3-Dichlorobenzene	9.66		"	10.0		96.6	77-124		3.69	19.2	
1,3-Dichloropropane	9.29		"	10.0		92.9	75.8-126		4.18	22.1	
1,4-Dichlorobenzene	9.65		"	10.0		96.5	76.6-125		3.26	18.6	
2,2-Dichloropropane	11.7		"	10.0		117	69-133		4.20	19.8	
2-Chlorotoluene	9.97		"	10.0		99.7	66.3-119		6.20	21.6	
2-Hexanone	8.19		"	10.0		81.9	70-130		4.24	30	
4-Chlorotoluene	9.80		"	10.0		98.0	69.2-127		1.03	19	
Acetone	5.26		"	10.0		52.6	70-130	Low Bias	3.48	30	
Benzene	9.96		"	10.0		99.6	76.2-129		7.07	19	
Bromobenzene	9.62		"	10.0		96.2	71.3-123		5.01	20.3	
Bromochloromethane	10.4		"	10.0		104	70.8-137		11.0	23.9	
Bromodichloromethane	10.2		"	10.0		102	79.7-134		4.92	21	
Bromoform	9.45		"	10.0		94.5	70.5-141		9.53	21.8	
Bromomethane	9.76		"	10.0		97.6	43.9-147		11.6	28.4	
Carbon tetrachloride	11.2		"	10.0		112	78.1-138		3.35	20.1	
Chlorobenzene	9.82		"	10.0		98.2	80.4-125		5.01	19.9	
Chloroethane	10.4		"	10.0		104	55.8-140		8.50	23.3	
Chloroform	10.2		"	10.0		102	76.6-133		8.35	20.3	
Chloromethane	9.03		"	10.0		90.3	48.8-115		8.91	24.5	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	75.1-128		7.54	20.5	
cis-1,3-Dichloropropylene	9.96		"	10.0		99.6	74.5-128		4.62	19.9	
Dibromochloromethane	9.70		"	10.0		97.0	79.8-134		4.10	21.3	
Dibromomethane	10.2		"	10.0		102	79-130		6.08	22.4	
Dichlorodifluoromethane	8.31		"	10.0		83.1	47.1-101		3.78	23.9	
Ethyl Benzene	10.9		"	10.0		109	80.8-128		3.45	19.2	
Hexachlorobutadiene	9.50		"	10.0		95.0	64.8-128		0.943	20.6	
Isopropylbenzene	10.9		"	10.0		109	75.5-135		0.275	20	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	65.1-140		25.6	23.6	Non-dir.
Methylene chloride	6.51		"	10.0		65.1	61.3-120		4.40	20.4	
Naphthalene	6.93		"	10.0		69.3	62.3-148		23.4	27.1	
n-Butylbenzene	10.6		"	10.0		106	67.2-123		0.283	19.1	
n-Propylbenzene	10.3		"	10.0		103	70.5-127		1.17	23.4	
o-Xylene	9.66		"	10.0		96.6	75.9-122		4.44	19.3	
p- & m- Xylenes	19.6		"	20.0		98.2	77.7-127		0.255	18.6	
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129		0.00	19.1	
sec-Butylbenzene	10.3		"	10.0		103	71.5-125		0.483	18.9	

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

York Analytical Laboratories, Inc.

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

Batch BG20779 - EPA 5030B

LCS Dup (BG20779-BSD1)

Prepared & Analyzed: 07/18/2012

Styrene	9.47		ug/L	10.0		94.7	77.8-123		5.20	20.9
tert-Butylbenzene	11.1		"	10.0		111	75.9-151		2.83	20.9
Tetrachloroethylene	10.3		"	10.0		103	63.6-167		0.682	27.7
Toluene	9.92		"	10.0		99.2	77-123		4.12	18.7
trans-1,2-Dichloroethylene	11.0		"	10.0		110	76.3-139		5.90	19.5
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		8.15	19.3
Trichloroethylene	10.1		"	10.0		101	77.9-130		1.19	20.5
Trichlorofluoromethane	11.3		"	10.0		113	57.4-133		2.62	21.4
Vinyl Chloride	10.2		"	10.0		102	54.9-124		3.68	22.3
Surrogate: 1,2-Dichloroethane-d4	10.4		"	10.0		104	72.6-129			
Surrogate: p-Bromofluorobenzene	10.4		"	10.0		104	63.5-145			
Surrogate: Toluene-d8	10.2		"	10.0		102	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 BG20740 - EPA 3010A											
Blank (BG20740-BLK1)											
Prepared & Analyzed: 07/17/2012											
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BG20740-DUP1)											
*Source sample: 12G0476-01 (WQ71612:1130NP2-10)											
Prepared & Analyzed: 07/17/2012											
Iron - Dissolved	0.512	0.0100	mg/L		0.488				4.84	20	
Matrix Spike (BG20740-MS1)											
*Source sample: 12G0476-01 (WQ71612:1130NP2-10)											
Prepared & Analyzed: 07/17/2012											
Iron - Dissolved	1.53	0.0100	mg/L	1.00	0.488	104	75-125				
Reference (BG20740-SRM1)											
Prepared & Analyzed: 07/17/2012											
Iron - Dissolved	0.271	0.0100	mg/L	0.274		99.0	86.9-115				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20740 - EPA 3010A											
Blank (BG20740-BLK1)											
								Prepared & Analyzed: 07/17/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BG20740-DUP1)											
*Source sample: 12G0476-01 (WQ71612:1130NP2-10)								Prepared & Analyzed: 07/17/2012			
Iron	2.24	0.0100	mg/L		2.21				1.17	20	
Matrix Spike (BG20740-MS1)											
*Source sample: 12G0476-01 (WQ71612:1130NP2-10)								Prepared & Analyzed: 07/17/2012			
Iron	3.27	0.0100	mg/L	1.00	2.21	105	75-125				
Reference (BG20740-SRM1)											
								Prepared & Analyzed: 07/17/2012			
Iron	0.271	0.0100	mg/L	0.274		99.0	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG20887 - % Solids Prep**Blank (BG20887-BLK1)**

Prepared: 07/20/2012 Analyzed: 07/23/2012

Total Dissolved Solids ND 1.00 mg/L

Duplicate (BG20887-DUP1)

*Source sample: 12G0476-01 (WQ71612:1130NP2-10)

Prepared: 07/20/2012 Analyzed: 07/23/2012

Total Dissolved Solids 106 1.00 mg/L 105 0.948 15

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

Technical Report

prepared for:

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

Report Date: 08/02/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0825

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 08/02/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0825

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 26, 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>
12G0825-01	WQ072512:1200NP2-6	Water	07/25/2012	07/26/2012
12G0825-02	WQ072512:1200NP2-7	Water	07/25/2012	07/26/2012
12G0826-01	WQ072512:1210NP2-10	Water	07/25/2012	07/26/2012

General Notes for York Project (SDG) No.: 12G0825

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

Approved By:



Date: 08/02/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ072512:1200NP2-6

York Sample ID: 12G0825-01

York Project (SDG) No.

12G0825

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

July 25, 2012 12:00 pm

Date Received

07/26/2012

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	07/30/2012 12:13	07/30/2012 16:43	SS
71-55-6	1,1,1-Trichloroethane	0.84		ug/L	0.024	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
75-34-3	1,1-Dichloroethane	0.41	J	ug/L	0.044	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
95-63-6	1,2,4-Trimethylbenzene	0.66		ug/L	0.068	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
108-67-8	1,3,5-Trimethylbenzene	0.40	J	ug/L	0.059	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
67-64-1	Acetone	1.0	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS

Sample Information

Client Sample ID: WQ072512:1200NP2-6

York Sample ID: 12G0825-01

York Project (SDG) No.
12G0825

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 25, 2012 12:00 pm

Date Received
07/26/2012

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	07/30/2012 12:13	07/30/2012 16:43	SS
67-66-3	Chloroform	0.14	J	ug/L	0.079	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
91-20-3	Naphthalene	1.6	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
95-47-6	o-Xylene	0.69		ug/L	0.050	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
1330-20-7P/M	p- & m- Xylenes	0.79	J	ug/L	0.090	1.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
99-87-6	p-Isopropyltoluene	0.11	J	ug/L	0.044	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
127-18-4	Tetrachloroethylene	1.4		ug/L	0.070	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
108-88-3	Toluene	0.98		ug/L	0.042	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
1330-20-7	Xylenes, Total	1.5		ug/L	0.12	1.5	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	100 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	97.3 %	81.2-127								

Sample Information

Client Sample ID: WQ072512:1200NP2-6

York Sample ID: 12G0825-01

York Project (SDG) No.
12G0825

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 25, 2012 12:00 pm

Date Received
07/26/2012

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	0.189		mg/L	0.0100	0.0100	1	EPA SW846-6010B	07/30/2012 16:14	07/30/2012 20:48	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	3.63		mg/L	0.0100	0.0100	1	EPA 200.7	07/30/2012 16:14	07/30/2012 20:54	MW

Sample Information

Client Sample ID: WQ072512:1200NP2-7

York Sample ID: 12G0825-02

York Project (SDG) No.
12G0825

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 25, 2012 12:05 pm

Date Received
07/26/2012

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	07/30/2012 12:13	07/30/2012 17:18	SS
71-55-6	1,1,1-Trichloroethane	0.85		ug/L	0.024	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
75-34-3	1,1-Dichloroethane	0.42	J	ug/L	0.044	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
95-63-6	1,2,4-Trimethylbenzene	0.20	J	ug/L	0.068	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS

Sample Information

Client Sample ID: WQ072512:1200NP2-7

York Sample ID: 12G0825-02

York Project (SDG) No.
12G0825

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 25, 2012 12:05 pm

Date Received
07/26/2012

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	07/30/2012 12:13	07/30/2012 17:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
67-66-3	Chloroform	0.16	J	ug/L	0.079	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
91-20-3	Naphthalene	0.32	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
95-47-6	o-Xylene	0.10	J	ug/L	0.050	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
1330-20-7P/M	p- & m- Xylenes	0.15	J	ug/L	0.090	1.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS

Sample Information

Client Sample ID: WQ072512:1200NP2-7

York Sample ID: 12G0825-02

York Project (SDG) No.
12G0825

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 25, 2012 12:05 pm

Date Received
07/26/2012

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	07/30/2012 12:13	07/30/2012 17:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
127-18-4	Tetrachloroethylene	1.4		ug/L	0.070	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
108-88-3	Toluene	0.14	J	ug/L	0.042	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
79-01-6	Trichloroethylene	0.12	J	ug/L	0.071	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
1330-20-7	Xylenes, Total	0.25	J	ug/L	0.12	1.5	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	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	97.3 %		81.2-127							

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.0791		mg/L	0.0100	0.0100	1	EPA SW846-6010B	07/30/2012 16:14	07/30/2012 20:59	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	0.647		mg/L	0.0100	0.0100	1	EPA 200.7	07/30/2012 16:14	07/30/2012 21:04	MW

Sample Information

Client Sample ID: WQ072512:1210NP2-10

York Sample ID: 12G0826-01

York Project (SDG) No.
12G0826

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 25, 2012 12:10 pm

Date Received
07/26/2012

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	08/01/2012 14:17	08/01/2012 22:59	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS

Sample Information

Client Sample ID: WQ072512:1210NP2-10

York Sample ID: 12G0826-01

York Project (SDG) No.
12G0826

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 25, 2012 12:10 pm

Date Received
07/26/2012

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	08/01/2012 14:17	08/01/2012 22:59	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
67-64-1	Acetone	1.0	J	ug/L	0.90	2.0	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS

Sample Information

Client Sample ID: WQ072512:1210NP2-10

York Sample ID: 12G0826-01

York Project (SDG) No.
12G0826

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 25, 2012 12:10 pm

Date Received
07/26/2012

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	08/01/2012 14:17	08/01/2012 22:59	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
91-20-3	Naphthalene	0.20	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	97.9 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								

Sample Information

Client Sample ID: WQ072512:1210NP2-10

York Sample ID: 12G0826-01

York Project (SDG) No.
12G0826

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 25, 2012 12:10 pm

Date Received
07/26/2012

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	0.0330		mg/L	0.0100	0.0100	1	EPA SW846-6010B	07/30/2012 16:14	07/30/2012 21:09	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	1.81		mg/L	0.0100	0.0100	1	EPA 200.7	07/30/2012 16:14	07/30/2012 21:29	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	115		mg/L	1.00	1.00	1	SM 2540C	08/01/2012 11:37	08/01/2012 11:37	AMC

Analytical Batch Summary

Batch ID: BG21204 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12G0826-01	WQ072512:1210NP2-10	08/01/12
BG21204-BLK1	Blank	08/01/12
BG21204-DUP1	Duplicate	08/01/12

Batch ID: BG21205 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12G0825-01	WQ072512:1200NP2-6	07/30/12
12G0825-02	WQ072512:1200NP2-7	07/30/12
BG21205-BLK1	Blank	07/30/12
BG21205-BS1	LCS	07/30/12
BG21205-BSD1	LCS Dup	07/30/12

Batch ID: BG21226 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12G0825-01	WQ072512:1200NP2-6	07/30/12
12G0825-01	WQ072512:1200NP2-6	07/30/12
12G0825-02	WQ072512:1200NP2-7	07/30/12
12G0825-02	WQ072512:1200NP2-7	07/30/12
12G0826-01	WQ072512:1210NP2-10	07/30/12
12G0826-01	WQ072512:1210NP2-10	07/30/12
BG21226-BLK1	Blank	07/30/12
BG21226-BLK1	Blank	07/30/12
BG21226-DUP1	Duplicate	07/30/12
BG21226-DUP1	Duplicate	07/30/12
BG21226-MS1	Matrix Spike	07/30/12
BG21226-MS1	Matrix Spike	07/30/12
BG21226-SRM1	Reference	07/30/12
BG21226-SRM1	Reference	07/30/12

Batch ID: BH20055 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12G0826-01	WQ072512:1210NP2-10	08/01/12
BH20055-BLK1	Blank	08/01/12
BH20055-BS1	LCS	08/01/12
BH20055-BSD1	LCS Dup	08/01/12

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

York Analytical Laboratories, Inc.

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

Batch BG21205 - EPA 5030B

Blank (BG21205-BLK1)

Prepared & Analyzed: 07/30/2012

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	0.70	2.0	"
Naphthalene	3.0	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"

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

York Analytical Laboratories, Inc.

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

Batch BG21205 - EPA 5030B

Blank (BG21205-BLK1)

Prepared & Analyzed: 07/30/2012

Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	9.66		"	10.0		96.6	72.6-129				
Surrogate: p-Bromofluorobenzene	11.0		"	10.0		110	63.5-145				
Surrogate: Toluene-d8	10.2		"	10.0		102	81.2-127				

LCS (BG21205-BS1)

Prepared & Analyzed: 07/30/2012

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	10.0		"	10.0		100	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.3		"	10.0		123	71.1-129				
1,1,2-Trichloroethane	9.88		"	10.0		98.8	74.5-129				
1,1-Dichloroethane	11.2		"	10.0		112	79.6-132				
1,1-Dichloroethylene	12.3		"	10.0		123	80.2-146				
1,1-Dichloropropylene	11.0		"	10.0		110	75-136				
1,2,3-Trichlorobenzene	8.16		"	10.0		81.6	66.1-136				
1,2,3-Trichloropropane	10.2		"	10.0		102	63-131				
1,2,4-Trichlorobenzene	8.81		"	10.0		88.1	70.6-136				
1,2,4-Trimethylbenzene	12.4		"	10.0		124	75.3-135				
1,2-Dibromo-3-chloropropane	8.30		"	10.0		83.0	58.9-140				
1,2-Dibromoethane	9.82		"	10.0		98.2	79-130				
1,2-Dichlorobenzene	10.5		"	10.0		105	76.1-122				
1,2-Dichloroethane	9.50		"	10.0		95.0	74.6-132				
1,2-Dichloropropane	10.6		"	10.0		106	76.9-129				
1,3,5-Trimethylbenzene	12.5		"	10.0		125	70.6-127				
1,3-Dichlorobenzene	11.3		"	10.0		113	77-124				
1,3-Dichloropropane	9.45		"	10.0		94.5	75.8-126				
1,4-Dichlorobenzene	11.0		"	10.0		110	76.6-125				
2,2-Dichloropropane	12.4		"	10.0		124	69-133				
2-Chlorotoluene	11.6		"	10.0		116	66.3-119				
2-Hexanone	8.07		"	10.0		80.7	70-130				
4-Chlorotoluene	12.0		"	10.0		120	69.2-127				
Acetone	10.3		"	10.0		103	70-130				
Benzene	10.8		"	10.0		108	76.2-129				
Bromobenzene	11.1		"	10.0		111	71.3-123				
Bromochloromethane	9.52		"	10.0		95.2	70.8-137				
Bromodichloromethane	10.8		"	10.0		108	79.7-134				
Bromoform	11.7		"	10.0		117	70.5-141				
Bromomethane	9.55		"	10.0		95.5	43.9-147				
Carbon tetrachloride	11.4		"	10.0		114	78.1-138				
Chlorobenzene	11.2		"	10.0		112	80.4-125				
Chloroethane	11.8		"	10.0		118	55.8-140				
Chloroform	10.4		"	10.0		104	76.6-133				
Chloromethane	10.7		"	10.0		107	48.8-115				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	75.1-128				
cis-1,3-Dichloropropylene	10.7		"	10.0		107	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 BG21205 - EPA 5030B											
LCS (BG21205-BS1)						Prepared & Analyzed: 07/30/2012					
Dibromochloromethane	10.5		ug/L	10.0		105	79.8-134				
Dibromomethane	10.2		"	10.0		102	79-130				
Dichlorodifluoromethane	10.7		"	10.0		107	47.1-101	High Bias			
Ethyl Benzene	12.0		"	10.0		120	80.8-128				
Hexachlorobutadiene	12.0		"	10.0		120	64.8-128				
Isopropylbenzene	14.7		"	10.0		147	75.5-135	High Bias			
Methyl tert-butyl ether (MTBE)	8.95		"	10.0		89.5	65.1-140				
Methylene chloride	9.36		"	10.0		93.6	61.3-120				
Naphthalene	8.23		"	10.0		82.3	62.3-148				
n-Butylbenzene	12.8		"	10.0		128	67.2-123	High Bias			
n-Propylbenzene	13.4		"	10.0		134	70.5-127	High Bias			
o-Xylene	10.7		"	10.0		107	75.9-122				
p- & m- Xylenes	22.8		"	20.0		114	77.7-127				
p-Isopropyltoluene	13.4		"	10.0		134	75.6-129	High Bias			
sec-Butylbenzene	13.6		"	10.0		136	71.5-125	High Bias			
Styrene	10.5		"	10.0		105	77.8-123				
tert-Butylbenzene	14.4		"	10.0		144	75.9-151				
Tetrachloroethylene	13.4		"	10.0		134	63.6-167				
Toluene	11.8		"	10.0		118	77-123				
trans-1,2-Dichloroethylene	11.9		"	10.0		119	76.3-139				
trans-1,3-Dichloropropylene	9.92		"	10.0		99.2	72.5-137				
Trichloroethylene	12.9		"	10.0		129	77.9-130				
Trichlorofluoromethane	12.8		"	10.0		128	57.4-133				
Vinyl Chloride	11.8		"	10.0		118	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>8.21</i>		<i>"</i>	<i>10.0</i>		<i>82.1</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.9</i>		<i>"</i>	<i>10.0</i>		<i>109</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>				

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 BG21205 - EPA 5030B											
LCS Dup (BG21205-BSD1)						Prepared & Analyzed: 07/30/2012					
1,1,1,2-Tetrachloroethane	11.3		ug/L	10.0		113	82.3-130		6.58	21.1	
1,1,1-Trichloroethane	11.4		"	10.0		114	75.6-137		5.44	19.7	
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	71.3-131		6.86	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.2		"	10.0		122	71.1-129		0.245	21.7	
1,1,2-Trichloroethane	10.7		"	10.0		107	74.5-129		8.06	20.3	
1,1-Dichloroethane	11.5		"	10.0		115	79.6-132		3.08	20.6	
1,1-Dichloroethylene	12.1		"	10.0		121	80.2-146		1.88	20	
1,1-Dichloropropylene	10.2		"	10.0		102	75-136		7.34	19.3	
1,2,3-Trichlorobenzene	8.31		"	10.0		83.1	66.1-136		1.82	21.6	
1,2,3-Trichloropropane	10.7		"	10.0		107	63-131		4.77	23.9	
1,2,4-Trichlorobenzene	8.52		"	10.0		85.2	70.6-136		3.35	21.7	
1,2,4-Trimethylbenzene	11.0		"	10.0		110	75.3-135		11.4	18.8	
1,2-Dibromo-3-chloropropane	8.99		"	10.0		89.9	58.9-140		7.98	27.7	
1,2-Dibromoethane	11.1		"	10.0		111	79-130		12.1	23	
1,2-Dichlorobenzene	10.4		"	10.0		104	76.1-122		0.958	19.8	
1,2-Dichloroethane	10.7		"	10.0		107	74.6-132		11.9	20.2	
1,2-Dichloropropane	10.9		"	10.0		109	76.9-129		2.88	20.7	
1,3,5-Trimethylbenzene	11.4		"	10.0		114	70.6-127		9.72	18.9	
1,3-Dichlorobenzene	10.6		"	10.0		106	77-124		6.39	19.2	
1,3-Dichloropropane	10.5		"	10.0		105	75.8-126		10.4	22.1	
1,4-Dichlorobenzene	10.3		"	10.0		103	76.6-125		6.95	18.6	
2,2-Dichloropropane	13.2		"	10.0		132	69-133		5.79	19.8	
2-Chlorotoluene	10.1		"	10.0		101	66.3-119		14.6	21.6	
2-Hexanone	9.94		"	10.0		99.4	70-130		20.8	30	
4-Chlorotoluene	11.2		"	10.0		112	69.2-127		7.41	19	
Acetone	9.69		"	10.0		96.9	70-130		6.30	30	
Benzene	10.9		"	10.0		109	76.2-129		0.922	19	
Bromobenzene	10.2		"	10.0		102	71.3-123		8.53	20.3	
Bromochloromethane	10.6		"	10.0		106	70.8-137		10.3	23.9	
Bromodichloromethane	11.4		"	10.0		114	79.7-134		5.39	21	
Bromoform	12.4		"	10.0		124	70.5-141		5.75	21.8	
Bromomethane	10.8		"	10.0		108	43.9-147		12.2	28.4	
Carbon tetrachloride	10.9		"	10.0		109	78.1-138		4.85	20.1	
Chlorobenzene	11.0		"	10.0		110	80.4-125		1.35	19.9	
Chloroethane	11.3		"	10.0		113	55.8-140		3.98	23.3	
Chloroform	11.1		"	10.0		111	76.6-133		6.33	20.3	
Chloromethane	10.4		"	10.0		104	48.8-115		2.46	24.5	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	75.1-128		1.14	20.5	
cis-1,3-Dichloropropylene	11.9		"	10.0		119	74.5-128		10.1	19.9	
Dibromochloromethane	11.7		"	10.0		117	79.8-134		11.1	21.3	
Dibromomethane	11.2		"	10.0		112	79-130		9.65	22.4	
Dichlorodifluoromethane	10.2		"	10.0		102	47.1-101	High Bias	4.68	23.9	
Ethyl Benzene	11.2		"	10.0		112	80.8-128		6.55	19.2	
Hexachlorobutadiene	10.1		"	10.0		101	64.8-128		17.5	20.6	
Isopropylbenzene	12.6		"	10.0		126	75.5-135		15.1	20	
Methyl tert-butyl ether (MTBE)	12.4		"	10.0		124	65.1-140		32.0	23.6	Non-dir.
Methylene chloride	10.6		"	10.0		106	61.3-120		12.1	20.4	
Naphthalene	7.85		"	10.0		78.5	62.3-148		4.73	27.1	
n-Butylbenzene	10.5		"	10.0		105	67.2-123		19.4	19.1	Non-dir.
n-Propylbenzene	11.5		"	10.0		115	70.5-127		15.3	23.4	
o-Xylene	10.5		"	10.0		105	75.9-122		1.80	19.3	
p- & m- Xylenes	21.8		"	20.0		109	77.7-127		4.76	18.6	
p-Isopropyltoluene	11.5		"	10.0		115	75.6-129		15.7	19.1	
sec-Butylbenzene	11.5		"	10.0		115	71.5-125		16.8	18.9	

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

York Analytical Laboratories, Inc.

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

Batch BG21205 - EPA 5030B

LCS Dup (BG21205-BSD1)

Prepared & Analyzed: 07/30/2012

Styrene	10.6		ug/L	10.0		106	77.8-123		1.14	20.9
tert-Butylbenzene	12.3		"	10.0		123	75.9-151		15.3	20.9
Tetrachloroethylene	12.3		"	10.0		123	63.6-167		9.18	27.7
Toluene	11.2		"	10.0		112	77-123		5.05	18.7
trans-1,2-Dichloroethylene	12.2		"	10.0		122	76.3-139		2.81	19.5
trans-1,3-Dichloropropylene	11.4		"	10.0		114	72.5-137		13.4	19.3
Trichloroethylene	11.7		"	10.0		117	77.9-130		9.18	20.5
Trichlorofluoromethane	12.4		"	10.0		124	57.4-133		3.73	21.4
Vinyl Chloride	11.2		"	10.0		112	54.9-124		5.31	22.3
Surrogate: 1,2-Dichloroethane-d4	9.91		"	10.0		99.1	72.6-129			
Surrogate: p-Bromofluorobenzene	10.5		"	10.0		105	63.5-145			
Surrogate: Toluene-d8	10.2		"	10.0		102	81.2-127			

Batch BH20055 - EPA 5030B

Blank (BH20055-BLK1)

Prepared & Analyzed: 08/01/2012

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

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

York Analytical Laboratories, Inc.

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

Batch BH20055 - EPA 5030B

Blank (BH20055-BLK1)

Prepared & Analyzed: 08/01/2012

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	0.39	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	9.93		"	10.0		99.3	72.6-129				
Surrogate: p-Bromofluorobenzene	10.0		"	10.0		100	63.5-145				
Surrogate: Toluene-d8	10.2		"	10.0		102	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 BH20055 - EPA 5030B											
LCS (BH20055-BS1)				Prepared & Analyzed: 08/01/2012							
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130				
1,1,1-Trichloroethane	10.2		"	10.0		102	75.6-137				
1,1,2,2-Tetrachloroethane	9.86		"	10.0		98.6	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.95		"	10.0		99.5	71.1-129				
1,1,2-Trichloroethane	10.1		"	10.0		101	74.5-129				
1,1-Dichloroethane	11.0		"	10.0		110	79.6-132				
1,1-Dichloroethylene	11.5		"	10.0		115	80.2-146				
1,1-Dichloropropylene	9.66		"	10.0		96.6	75-136				
1,2,3-Trichlorobenzene	9.52		"	10.0		95.2	66.1-136				
1,2,3-Trichloropropane	9.50		"	10.0		95.0	63-131				
1,2,4-Trichlorobenzene	8.72		"	10.0		87.2	70.6-136				
1,2,4-Trimethylbenzene	9.99		"	10.0		99.9	75.3-135				
1,2-Dibromo-3-chloropropane	9.23		"	10.0		92.3	58.9-140				
1,2-Dibromoethane	10.1		"	10.0		101	79-130				
1,2-Dichlorobenzene	9.48		"	10.0		94.8	76.1-122				
1,2-Dichloroethane	9.95		"	10.0		99.5	74.6-132				
1,2-Dichloropropane	10.2		"	10.0		102	76.9-129				
1,3,5-Trimethylbenzene	9.68		"	10.0		96.8	70.6-127				
1,3-Dichlorobenzene	9.49		"	10.0		94.9	77-124				
1,3-Dichloropropane	9.80		"	10.0		98.0	75.8-126				
1,4-Dichlorobenzene	9.79		"	10.0		97.9	76.6-125				
2,2-Dichloropropane	10.2		"	10.0		102	69-133				
2-Chlorotoluene	9.26		"	10.0		92.6	66.3-119				
2-Hexanone	11.4		"	10.0		114	70-130				
4-Chlorotoluene	9.62		"	10.0		96.2	69.2-127				
Acetone	8.84		"	10.0		88.4	70-130				
Benzene	10.0		"	10.0		100	76.2-129				
Bromobenzene	9.68		"	10.0		96.8	71.3-123				
Bromochloromethane	10.5		"	10.0		105	70.8-137				
Bromodichloromethane	10.7		"	10.0		107	79.7-134				
Bromoform	10.0		"	10.0		100	70.5-141				
Bromomethane	10.3		"	10.0		103	43.9-147				
Carbon tetrachloride	10.7		"	10.0		107	78.1-138				
Chlorobenzene	10.0		"	10.0		100	80.4-125				
Chloroethane	9.26		"	10.0		92.6	55.8-140				
Chloroform	9.88		"	10.0		98.8	76.6-133				
Chloromethane	10.5		"	10.0		105	48.8-115				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128				
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128				
Dibromochloromethane	10.6		"	10.0		106	79.8-134				
Dibromomethane	10.5		"	10.0		105	79-130				
Dichlorodifluoromethane	7.30		"	10.0		73.0	47.1-101				
Ethyl Benzene	10.0		"	10.0		100	80.8-128				
Hexachlorobutadiene	8.75		"	10.0		87.5	64.8-128				
Isopropylbenzene	10.3		"	10.0		103	75.5-135				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	65.1-140				
Methylene chloride	10.2		"	10.0		102	61.3-120				
Naphthalene	10.7		"	10.0		107	62.3-148				
n-Butylbenzene	9.31		"	10.0		93.1	67.2-123				
n-Propylbenzene	9.56		"	10.0		95.6	70.5-127				
o-Xylene	9.52		"	10.0		95.2	75.9-122				
p- & m- Xylenes	19.8		"	20.0		99.2	77.7-127				
p-Isopropyltoluene	9.85		"	10.0		98.5	75.6-129				
sec-Butylbenzene	9.48		"	10.0		94.8	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 BH20055 - EPA 5030B

LCS (BH20055-BS1)

Prepared & Analyzed: 08/01/2012

Styrene	9.88		ug/L	10.0		98.8	77.8-123				
tert-Butylbenzene	11.2		"	10.0		112	75.9-151				
Tetrachloroethylene	9.76		"	10.0		97.6	63.6-167				
Toluene	10.1		"	10.0		101	77-123				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	76.3-139				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137				
Trichloroethylene	10.3		"	10.0		103	77.9-130				
Trichlorofluoromethane	9.34		"	10.0		93.4	57.4-133				
Vinyl Chloride	9.49		"	10.0		94.9	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.3</i>		<i>"</i>	<i>10.0</i>		<i>113</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>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>81.2-127</i>				

LCS Dup (BH20055-BSD1)

Prepared & Analyzed: 08/01/2012

1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82.3-130		1.09	21.1	
1,1,1-Trichloroethane	10.0		"	10.0		100	75.6-137		1.48	19.7	
1,1,2,2-Tetrachloroethane	9.98		"	10.0		99.8	71.3-131		1.21	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.63		"	10.0		96.3	71.1-129		3.27	21.7	
1,1,2-Trichloroethane	9.68		"	10.0		96.8	74.5-129		4.25	20.3	
1,1-Dichloroethane	10.9		"	10.0		109	79.6-132		1.28	20.6	
1,1-Dichloroethylene	11.0		"	10.0		110	80.2-146		4.44	20	
1,1-Dichloropropylene	9.51		"	10.0		95.1	75-136		1.56	19.3	
1,2,3-Trichlorobenzene	10.6		"	10.0		106	66.1-136		10.7	21.6	
1,2,3-Trichloropropane	9.67		"	10.0		96.7	63-131		1.77	23.9	
1,2,4-Trichlorobenzene	9.75		"	10.0		97.5	70.6-136		11.2	21.7	
1,2,4-Trimethylbenzene	10.3		"	10.0		103	75.3-135		3.44	18.8	
1,2-Dibromo-3-chloropropane	9.98		"	10.0		99.8	58.9-140		7.81	27.7	
1,2-Dibromoethane	10.1		"	10.0		101	79-130		0.297	23	
1,2-Dichlorobenzene	9.83		"	10.0		98.3	76.1-122		3.63	19.8	
1,2-Dichloroethane	10.0		"	10.0		100	74.6-132		0.900	20.2	
1,2-Dichloropropane	10.1		"	10.0		101	76.9-129		0.983	20.7	
1,3,5-Trimethylbenzene	9.94		"	10.0		99.4	70.6-127		2.65	18.9	
1,3-Dichlorobenzene	9.76		"	10.0		97.6	77-124		2.81	19.2	
1,3-Dichloropropane	9.78		"	10.0		97.8	75.8-126		0.204	22.1	
1,4-Dichlorobenzene	10.0		"	10.0		100	76.6-125		2.22	18.6	
2,2-Dichloropropane	10.2		"	10.0		102	69-133		0.0977	19.8	
2-Chlorotoluene	9.32		"	10.0		93.2	66.3-119		0.646	21.6	
2-Hexanone	10.3		"	10.0		103	70-130		9.95	30	
4-Chlorotoluene	9.89		"	10.0		98.9	69.2-127		2.77	19	
Acetone	8.06		"	10.0		80.6	70-130		9.23	30	
Benzene	9.94		"	10.0		99.4	76.2-129		0.702	19	
Bromobenzene	9.91		"	10.0		99.1	71.3-123		2.35	20.3	
Bromochloromethane	10.0		"	10.0		100	70.8-137		5.07	23.9	
Bromodichloromethane	10.6		"	10.0		106	79.7-134		0.658	21	
Bromoform	10.1		"	10.0		101	70.5-141		0.298	21.8	
Bromomethane	10.2		"	10.0		102	43.9-147		1.08	28.4	
Carbon tetrachloride	11.1		"	10.0		111	78.1-138		2.94	20.1	
Chlorobenzene	10.1		"	10.0		101	80.4-125		0.895	19.9	
Chloroethane	9.12		"	10.0		91.2	55.8-140		1.52	23.3	
Chloroform	9.76		"	10.0		97.6	76.6-133		1.22	20.3	
Chloromethane	10.4		"	10.0		104	48.8-115		1.63	24.5	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128		0.297	20.5	
cis-1,3-Dichloropropylene	11.0		"	10.0		110	74.5-128		3.98	19.9	
Dibromochloromethane	10.6		"	10.0		106	79.8-134		0.659	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 BH20055 - EPA 5030B											
LCS Dup (BH20055-BSD1)						Prepared & Analyzed: 08/01/2012					
Dibromomethane	10.1		ug/L	10.0		101	79-130		3.40	22.4	
Dichlorodifluoromethane	7.15		"	10.0		71.5	47.1-101		2.08	23.9	
Ethyl Benzene	10.1		"	10.0		101	80.8-128		0.0995	19.2	
Hexachlorobutadiene	9.72		"	10.0		97.2	64.8-128		10.5	20.6	
Isopropylbenzene	10.6		"	10.0		106	75.5-135		2.30	20	
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	65.1-140		1.15	23.6	
Methylene chloride	9.98		"	10.0		99.8	61.3-120		2.57	20.4	
Naphthalene	11.3		"	10.0		113	62.3-148		5.09	27.1	
n-Butylbenzene	9.67		"	10.0		96.7	67.2-123		3.79	19.1	
n-Propylbenzene	9.79		"	10.0		97.9	70.5-127		2.38	23.4	
o-Xylene	9.74		"	10.0		97.4	75.9-122		2.28	19.3	
p- & m- Xylenes	20.1		"	20.0		101	77.7-127		1.40	18.6	
p-Isopropyltoluene	10.0		"	10.0		100	75.6-129		1.81	19.1	
sec-Butylbenzene	9.74		"	10.0		97.4	71.5-125		2.71	18.9	
Styrene	9.91		"	10.0		99.1	77.8-123		0.303	20.9	
tert-Butylbenzene	11.3		"	10.0		113	75.9-151		1.34	20.9	
Tetrachloroethylene	9.83		"	10.0		98.3	63.6-167		0.715	27.7	
Toluene	10.1		"	10.0		101	77-123		0.395	18.7	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	76.3-139		3.23	19.5	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137		2.18	19.3	
Trichloroethylene	10.3		"	10.0		103	77.9-130		0.0969	20.5	
Trichlorofluoromethane	9.11		"	10.0		91.1	57.4-133		2.49	21.4	
Vinyl Chloride	9.22		"	10.0		92.2	54.9-124		2.89	22.3	
<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>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</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 BG21226 - EPA 3010A											
Blank (BG21226-BLK1)											
Prepared & Analyzed: 07/30/2012											
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BG21226-DUP1)											
*Source sample: 12G0826-01 (WQ072512:1210NP2-10)											
Prepared & Analyzed: 07/30/2012											
Iron - Dissolved	0.0460	0.0100	mg/L		0.0330				33.0	20	Non-dir.
Matrix Spike (BG21226-MS1)											
*Source sample: 12G0826-01 (WQ072512:1210NP2-10)											
Prepared & Analyzed: 07/30/2012											
Iron - Dissolved	1.07	0.0100	mg/L	1.00	0.0330	104	75-125				
Reference (BG21226-SRM1)											
Prepared & Analyzed: 07/30/2012											
Iron - Dissolved	0.278	0.0100	mg/L	0.274		101	86.9-115				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21226 - EPA 3010A											
Blank (BG21226-BLK1)						Prepared & Analyzed: 07/30/2012					
Iron	ND	0.0100	mg/L								
Duplicate (BG21226-DUP1)						*Source sample: 12G0826-01 (WQ072512:1210NP2-10) Prepared & Analyzed: 07/30/2012					
Iron	1.85	0.0100	mg/L		1.81				2.25	20	
Matrix Spike (BG21226-MS1)						*Source sample: 12G0826-01 (WQ072512:1210NP2-10) Prepared & Analyzed: 07/30/2012					
Iron	2.83	0.0100	mg/L	1.00	1.81	102	75-125				
Reference (BG21226-SRM1)						Prepared & Analyzed: 07/30/2012					
Iron	0.278	0.0100	mg/L	0.274		101	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG21204 - % Solids Prep**Blank (BG21204-BLK1)**

Prepared & Analyzed: 08/01/2012

Total Dissolved Solids ND 1.00 mg/L

Duplicate (BG21204-DUP1)

*Source sample: 12G0826-01 (WQ072512:1210NP2-10)

Prepared & Analyzed: 08/01/2012

Total Dissolved Solids 114 1.00 mg/L 115 0.873 15

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
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.

YORK

ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 387-0166

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. 2G0825

Page 1 of 1

YOUR Information Company: <u>LAB</u> Address: <u>4 Research Dr. Suite 301</u> <u>Shelton, CT 06484</u> Phone No. <u>203-929-8555</u> Contact Person: <u>Tunde Sandoz</u> E-Mail Address: <u>Tsandoz@labinc.com</u>		Report To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR Project ID <u>Revco Industries</u> Purchase Order No. <u>NAB5A6</u> Samples from: CT <u>NY</u> <u>X</u> NJ		Turn-Around Time RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard (5-7 Days) ☒		Report Type Summary Report <u>X</u> pdf Summary w/ QA Summary <u>X</u> pdf CT RCP Package CT RCP DOADJUE Pkg NY ASP A Package NY ASP B Package <u>NP2-10 only</u> NJDEP Red. Deliv. Electronic Data Deliverables (EDD) Simple Excel <u>X</u> NYSEDEC EQUS EQUS (std) EZ-EDD (EQUS) NJDEP SRP HazSite EDD GIS/KEY (std) Other York Regulatory Comparison Excel Spreadsheet Compare to the following Regs. (press fill in)	
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 Fe by EPA 8220.7 Fe, Dissolved by EPA 8010 (SW 846-8010) / Vol, Pb 60 List (EPA SW 846-8260b) plus from 13 Fe by EPA 8220.7 Fe, Dissolved by EPA 8010 (SW 846-8010) / Vol, Pb 60 List (EPA SW 846-8260b) plus from 13 / TO5 (SH 2540c)					
Sample Identification WQ072512: 1200 NP2-6 WQ072512: 1205 NP2-7 WQ072512: 1210 NP2-10		Date Sampled 7-25-12 " "		Sample Matrix GW GW GW		Comments Preservation Check those Applicable Special Instructions Field Filled ☐ Lab to Filler ☐					
Temperature on Receipt 4.0°C											

(system)

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. 12G0826

YOUR Information

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

Report To:

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

Invoice To:

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

YOUR Project ID

Reps Industries.
Purchase Order No. NAB5A6.

Turn-Around Time

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

Report Type

Summary Report X pdf
Summary w/ QA Summary X pdf
CT RCP Package
CTRCP DQADUE Pkg
NY ASP A Package
NY ASP B Package N2 to only
NIDEP Red. Deliv.
Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC BQUS
EQUS (std)
EZ-EDD (BQUS)
NIDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet
Compare to the following (e.g., James Mill)

Samples from: CT NY X NJ
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
Fe by EPA 800-71 Fe, Dissolved by EPA 800 (SWP6-6000) / Vols
P260 List (EPA SWP6-6000) plus from 13
Fe by EPA 800-71 Fe, Dissolved by EPA 800 (SWP6-6000) / Vols
P260 List (EPA SWP6-6000) plus from 13 / TD5 (SH 25405)

Sample Matrix

Sample Identification Date Sampled

WQ672512:1200 NP2-6 7-25-12

WQ672512:1205 NP2-7 "

WQ672512:1210 NP2-10 "

Container Description(s)
3 HD Res Vials
2 250ml Plastic
1-2 250ml Plastic

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

4°C Frozen HCl MeOH HNO₃ H₂O NaOH
Other

Samples Relinquished By Date/Time
7-26-12 11:40

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Samples Relinquished By Date/Time
7-26-12 1570

Comments

Temperature on Receipt
4.0 °C

Technical Report

prepared for:

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

Report Date: 08/08/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0097

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 08/08/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0097

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 02, 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>
12H0097-01	WQ73112:1140NP2-6	Water	07/31/2012	08/02/2012
12H0097-02	WQ73112:1145NP2-7	Water	07/31/2012	08/02/2012
12H0098-01	WQ73112:1150NP2-10	Water	07/31/2012	08/02/2012

General Notes for York Project (SDG) No.: 12H0097

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

Approved By:



Date: 08/08/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ73112:1140NP2-6

York Sample ID: 12H0097-01

York Project (SDG) No.
12H0097

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 31, 2012 11:40 am

Date Received
08/02/2012

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	08/03/2012 08:19	08/03/2012 14:18	SS
71-55-6	1,1,1-Trichloroethane	0.65		ug/L	0.024	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
75-34-3	1,1-Dichloroethane	0.39	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
95-63-6	1,2,4-Trimethylbenzene	0.14	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS

Sample Information

Client Sample ID: WQ73112:1140NP2-6

York Sample ID: 12H0097-01

York Project (SDG) No.
12H0097

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 31, 2012 11:40 am

Date Received
08/02/2012

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	08/03/2012 08:19	08/03/2012 14:18	SS
67-66-3	Chloroform	0.18	J	ug/L	0.079	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
127-18-4	Tetrachloroethylene	0.72		ug/L	0.070	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.2 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	100 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	99.5 %	81.2-127								

Sample Information

Client Sample ID: WQ73112:1140NP2-6

York Sample ID: 12H0097-01

York Project (SDG) No.
12H0097

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 31, 2012 11:40 am

Date Received
08/02/2012

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	0.152		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/06/2012 16:33	08/06/2012 19:39	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	0.768		mg/L	0.0100	0.0100	1	EPA 200.7	08/06/2012 16:33	08/06/2012 19:45	MW

Sample Information

Client Sample ID: WQ73112:1145NP2-7

York Sample ID: 12H0097-02

York Project (SDG) No.
12H0097

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 31, 2012 11:45 am

Date Received
08/02/2012

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	08/03/2012 08:19	08/03/2012 15:01	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS

Sample Information

Client Sample ID: WQ73112:1145NP2-7

York Sample ID: 12H0097-02

York Project (SDG) No.
12H0097

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 31, 2012 11:45 am

Date Received
08/02/2012

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	08/03/2012 08:19	08/03/2012 15:01	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS

Sample Information

Client Sample ID: WQ73112:1145NP2-7

York Sample ID: 12H0097-02

York Project (SDG) No.
12H0097

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 31, 2012 11:45 am

Date Received
08/02/2012

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	08/03/2012 08:19	08/03/2012 15:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	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	97.5 %	81.2-127								

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.120		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/06/2012 16:33	08/06/2012 19:50	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	0.466		mg/L	0.0100	0.0100	1	EPA 200.7	08/06/2012 16:33	08/06/2012 19:55	MW

Sample Information

Client Sample ID: WQ73112:1150NP2-10

York Sample ID: 12H0098-01

York Project (SDG) No.
12H0098

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 31, 2012 11:50 am

Date Received
08/02/2012

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	08/03/2012 08:19	08/03/2012 15:45	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	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	08/03/2012 08:19	08/03/2012 15:45	SS

Sample Information

Client Sample ID: WQ73112:1150NP2-10

York Sample ID: 12H0098-01

York Project (SDG) No.
12H0098

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 31, 2012 11:50 am

Date Received
08/02/2012

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	08/03/2012 08:19	08/03/2012 15:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
95-63-6	1,2,4-Trimethylbenzene	1.3		ug/L	0.068	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
108-67-8	1,3,5-Trimethylbenzene	0.32	J	ug/L	0.059	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS

Sample Information

Client Sample ID: WQ73112:1150NP2-10

York Sample ID: 12H0098-01

York Project (SDG) No.
12H0098

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 31, 2012 11:50 am

Date Received
08/02/2012

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	08/03/2012 08:19	08/03/2012 15:45	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
100-41-4	Ethyl Benzene	0.25	J	ug/L	0.057	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
91-20-3	Naphthalene	2.0		ug/L	0.090	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
103-65-1	n-Propylbenzene	0.27	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
1330-20-7P/M	p- & m- Xylenes	0.45	J	ug/L	0.090	1.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
1330-20-7	Xylenes, Total	0.45	J	ug/L	0.12	1.5	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	92.9 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	97.1 %	81.2-127								

Sample Information

Client Sample ID: WQ73112:1150NP2-10

York Sample ID: 12H0098-01

York Project (SDG) No.
12H0098

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 31, 2012 11:50 am

Date Received
08/02/2012

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	0.0216		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/06/2012 16:33	08/06/2012 20:00	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	3.48		mg/L	0.0100	0.0100	1	EPA 200.7	08/06/2012 16:33	08/06/2012 20:20	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	131		mg/L	1.00	1.00	1	SM 2540C	08/07/2012 11:19	08/07/2012 11:19	ALD

Analytical Batch Summary

Batch ID: BH20126 **Preparation Method:** EPA 5030B **Prepared By:** VRL

YORK Sample ID	Client Sample ID	Preparation Date
12H0097-01	WQ73112:1140NP2-6	08/03/12
12H0097-02	WQ73112:1145NP2-7	08/03/12
12H0098-01	WQ73112:1150NP2-10	08/03/12
BH20126-BLK1	Blank	08/03/12
BH20126-BS1	LCS	08/03/12
BH20126-BSD1	LCS Dup	08/03/12

Batch ID: BH20207 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12H0098-01	WQ73112:1150NP2-10	08/07/12
BH20207-BLK1	Blank	08/07/12
BH20207-DUP1	Duplicate	08/07/12

Batch ID: BH20219 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12H0097-01	WQ73112:1140NP2-6	08/06/12
12H0097-01	WQ73112:1140NP2-6	08/06/12
12H0097-02	WQ73112:1145NP2-7	08/06/12
12H0097-02	WQ73112:1145NP2-7	08/06/12
12H0098-01	WQ73112:1150NP2-10	08/06/12
12H0098-01	WQ73112:1150NP2-10	08/06/12
BH20219-BLK1	Blank	08/06/12
BH20219-BLK1	Blank	08/06/12
BH20219-DUP1	Duplicate	08/06/12
BH20219-DUP1	Duplicate	08/06/12
BH20219-MS1	Matrix Spike	08/06/12
BH20219-MS1	Matrix Spike	08/06/12
BH20219-SRM1	Reference	08/06/12
BH20219-SRM1	Reference	08/06/12

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

York Analytical Laboratories, Inc.

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

Batch BH20126 - EPA 5030B

Blank (BH20126-BLK1)

Prepared & Analyzed: 08/03/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	3.5	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	0.36	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 BH20126 - EPA 5030B

Blank (BH20126-BLK1)

Prepared & Analyzed: 08/03/2012

Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<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>9.89</i>		<i>"</i>	<i>10.0</i>		<i>98.9</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.90</i>		<i>"</i>	<i>10.0</i>		<i>99.0</i>	<i>81.2-127</i>				

LCS (BH20126-BS1)

Prepared & Analyzed: 08/03/2012

1,1,1,2-Tetrachloroethane	9.30		ug/L	10.0		93.0	82.3-130				
1,1,1-Trichloroethane	9.51		"	10.0		95.1	75.6-137				
1,1,2,2-Tetrachloroethane	8.77		"	10.0		87.7	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.74		"	10.0		97.4	71.1-129				
1,1,2-Trichloroethane	8.75		"	10.0		87.5	74.5-129				
1,1-Dichloroethane	9.88		"	10.0		98.8	79.6-132				
1,1-Dichloroethylene	11.3		"	10.0		113	80.2-146				
1,1-Dichloropropylene	9.34		"	10.0		93.4	75-136				
1,2,3-Trichlorobenzene	10.1		"	10.0		101	66.1-136				
1,2,3-Trichloropropane	8.79		"	10.0		87.9	63-131				
1,2,4-Trichlorobenzene	9.49		"	10.0		94.9	70.6-136				
1,2,4-Trimethylbenzene	9.38		"	10.0		93.8	75.3-135				
1,2-Dibromo-3-chloropropane	8.52		"	10.0		85.2	58.9-140				
1,2-Dibromoethane	9.29		"	10.0		92.9	79-130				
1,2-Dichlorobenzene	8.83		"	10.0		88.3	76.1-122				
1,2-Dichloroethane	9.20		"	10.0		92.0	74.6-132				
1,2-Dichloropropane	9.27		"	10.0		92.7	76.9-129				
1,3,5-Trimethylbenzene	9.13		"	10.0		91.3	70.6-127				
1,3-Dichlorobenzene	8.82		"	10.0		88.2	77-124				
1,3-Dichloropropane	8.87		"	10.0		88.7	75.8-126				
1,4-Dichlorobenzene	9.17		"	10.0		91.7	76.6-125				
2,2-Dichloropropane	10.8		"	10.0		108	69-133				
2-Chlorotoluene	8.76		"	10.0		87.6	66.3-119				
2-Hexanone	9.10		"	10.0		91.0	70-130				
4-Chlorotoluene	9.07		"	10.0		90.7	69.2-127				
Acetone	9.41		"	10.0		94.1	70-130				
Benzene	9.33		"	10.0		93.3	76.2-129				
Bromobenzene	8.63		"	10.0		86.3	71.3-123				
Bromochloromethane	9.05		"	10.0		90.5	70.8-137				
Bromodichloromethane	9.60		"	10.0		96.0	79.7-134				
Bromoform	8.77		"	10.0		87.7	70.5-141				
Bromomethane	8.94		"	10.0		89.4	43.9-147				
Carbon tetrachloride	10.0		"	10.0		100	78.1-138				
Chlorobenzene	9.22		"	10.0		92.2	80.4-125				
Chloroethane	8.60		"	10.0		86.0	55.8-140				
Chloroform	9.36		"	10.0		93.6	76.6-133				
Chloromethane	8.70		"	10.0		87.0	48.8-115				
cis-1,2-Dichloroethylene	9.20		"	10.0		92.0	75.1-128				
cis-1,3-Dichloropropylene	9.56		"	10.0		95.6	74.5-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20126 - EPA 5030B											
LCS (BH20126-BS1)						Prepared & Analyzed: 08/03/2012					
Dibromochloromethane	9.16		ug/L	10.0		91.6	79.8-134				
Dibromomethane	9.76		"	10.0		97.6	79-130				
Dichlorodifluoromethane	7.40		"	10.0		74.0	47.1-101				
Ethyl Benzene	9.52		"	10.0		95.2	80.8-128				
Hexachlorobutadiene	9.46		"	10.0		94.6	64.8-128				
Isopropylbenzene	9.99		"	10.0		99.9	75.5-135				
Methyl tert-butyl ether (MTBE)	6.94		"	10.0		69.4	65.1-140				
Methylene chloride	9.04		"	10.0		90.4	61.3-120				
Naphthalene	8.75		"	10.0		87.5	62.3-148				
n-Butylbenzene	9.83		"	10.0		98.3	67.2-123				
n-Propylbenzene	9.37		"	10.0		93.7	70.5-127				
o-Xylene	8.80		"	10.0		88.0	75.9-122				
p- & m- Xylenes	18.6		"	20.0		93.0	77.7-127				
p-Isopropyltoluene	10.3		"	10.0		103	75.6-129				
sec-Butylbenzene	9.32		"	10.0		93.2	71.5-125				
Styrene	9.03		"	10.0		90.3	77.8-123				
tert-Butylbenzene	10.6		"	10.0		106	75.9-151				
Tetrachloroethylene	9.84		"	10.0		98.4	63.6-167				
Toluene	9.41		"	10.0		94.1	77-123				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	76.3-139				
trans-1,3-Dichloropropylene	9.42		"	10.0		94.2	72.5-137				
Trichloroethylene	9.63		"	10.0		96.3	77.9-130				
Trichlorofluoromethane	9.12		"	10.0		91.2	57.4-133				
Vinyl Chloride	8.62		"	10.0		86.2	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.75</i>		<i>"</i>	<i>10.0</i>		<i>97.5</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>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</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 BH20126 - EPA 5030B											
LCS Dup (BH20126-BSD1)						Prepared & Analyzed: 08/03/2012					
1,1,1,2-Tetrachloroethane	9.21		ug/L	10.0		92.1	82.3-130		0.972	21.1	
1,1,1-Trichloroethane	9.62		"	10.0		96.2	75.6-137		1.15	19.7	
1,1,2,2-Tetrachloroethane	8.64		"	10.0		86.4	71.3-131		1.49	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	71.1-129		2.63	21.7	
1,1,2-Trichloroethane	8.51		"	10.0		85.1	74.5-129		2.78	20.3	
1,1-Dichloroethane	9.95		"	10.0		99.5	79.6-132		0.706	20.6	
1,1-Dichloroethylene	11.5		"	10.0		115	80.2-146		1.67	20	
1,1-Dichloropropylene	9.33		"	10.0		93.3	75-136		0.107	19.3	
1,2,3-Trichlorobenzene	9.94		"	10.0		99.4	66.1-136		1.40	21.6	
1,2,3-Trichloropropane	8.68		"	10.0		86.8	63-131		1.26	23.9	
1,2,4-Trichlorobenzene	9.35		"	10.0		93.5	70.6-136		1.49	21.7	
1,2,4-Trimethylbenzene	9.08		"	10.0		90.8	75.3-135		3.25	18.8	
1,2-Dibromo-3-chloropropane	8.53		"	10.0		85.3	58.9-140		0.117	27.7	
1,2-Dibromoethane	8.89		"	10.0		88.9	79-130		4.40	23	
1,2-Dichlorobenzene	8.63		"	10.0		86.3	76.1-122		2.29	19.8	
1,2-Dichloroethane	9.60		"	10.0		96.0	74.6-132		4.26	20.2	
1,2-Dichloropropane	8.74		"	10.0		87.4	76.9-129		5.89	20.7	
1,3,5-Trimethylbenzene	8.68		"	10.0		86.8	70.6-127		5.05	18.9	
1,3-Dichlorobenzene	8.45		"	10.0		84.5	77-124		4.28	19.2	
1,3-Dichloropropane	8.45		"	10.0		84.5	75.8-126		4.85	22.1	
1,4-Dichlorobenzene	8.81		"	10.0		88.1	76.6-125		4.00	18.6	
2,2-Dichloropropane	10.4		"	10.0		104	69-133		3.87	19.8	
2-Chlorotoluene	8.46		"	10.0		84.6	66.3-119		3.48	21.6	
2-Hexanone	8.42		"	10.0		84.2	70-130		7.76	30	
4-Chlorotoluene	8.70		"	10.0		87.0	69.2-127		4.16	19	
Acetone	10.5		"	10.0		105	70-130		10.6	30	
Benzene	9.35		"	10.0		93.5	76.2-129		0.214	19	
Bromobenzene	8.50		"	10.0		85.0	71.3-123		1.52	20.3	
Bromochloromethane	9.14		"	10.0		91.4	70.8-137		0.990	23.9	
Bromodichloromethane	9.15		"	10.0		91.5	79.7-134		4.80	21	
Bromoform	8.15		"	10.0		81.5	70.5-141		7.33	21.8	
Bromomethane	10.2		"	10.0		102	43.9-147		13.1	28.4	
Carbon tetrachloride	9.82		"	10.0		98.2	78.1-138		2.22	20.1	
Chlorobenzene	8.95		"	10.0		89.5	80.4-125		2.97	19.9	
Chloroethane	8.57		"	10.0		85.7	55.8-140		0.349	23.3	
Chloroform	9.37		"	10.0		93.7	76.6-133		0.107	20.3	
Chloromethane	8.70		"	10.0		87.0	48.8-115		0.00	24.5	
cis-1,2-Dichloroethylene	9.50		"	10.0		95.0	75.1-128		3.21	20.5	
cis-1,3-Dichloropropylene	9.43		"	10.0		94.3	74.5-128		1.37	19.9	
Dibromochloromethane	9.05		"	10.0		90.5	79.8-134		1.21	21.3	
Dibromomethane	8.88		"	10.0		88.8	79-130		9.44	22.4	
Dichlorodifluoromethane	7.27		"	10.0		72.7	47.1-101		1.77	23.9	
Ethyl Benzene	9.12		"	10.0		91.2	80.8-128		4.29	19.2	
Hexachlorobutadiene	9.37		"	10.0		93.7	64.8-128		0.956	20.6	
Isopropylbenzene	9.45		"	10.0		94.5	75.5-135		5.56	20	
Methyl tert-butyl ether (MTBE)	6.76		"	10.0		67.6	65.1-140		2.63	23.6	
Methylene chloride	9.44		"	10.0		94.4	61.3-120		4.33	20.4	
Naphthalene	8.76		"	10.0		87.6	62.3-148		0.114	27.1	
n-Butylbenzene	9.37		"	10.0		93.7	67.2-123		4.79	19.1	
n-Propylbenzene	8.91		"	10.0		89.1	70.5-127		5.03	23.4	
o-Xylene	8.55		"	10.0		85.5	75.9-122		2.88	19.3	
p- & m- Xylenes	17.8		"	20.0		89.2	77.7-127		4.23	18.6	
p-Isopropyltoluene	9.82		"	10.0		98.2	75.6-129		4.48	19.1	
sec-Butylbenzene	8.93		"	10.0		89.3	71.5-125		4.27	18.9	

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

York Analytical Laboratories, Inc.

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

Batch BH20126 - EPA 5030B

LCS Dup (BH20126-BSD1)

Prepared & Analyzed: 08/03/2012

Styrene	8.71		ug/L	10.0		87.1	77.8-123		3.61	20.9	
tert-Butylbenzene	10.2		"	10.0		102	75.9-151		4.03	20.9	
Tetrachloroethylene	9.04		"	10.0		90.4	63.6-167		8.47	27.7	
Toluene	8.97		"	10.0		89.7	77-123		4.79	18.7	
trans-1,2-Dichloroethylene	9.92		"	10.0		99.2	76.3-139		1.10	19.5	
trans-1,3-Dichloropropylene	9.16		"	10.0		91.6	72.5-137		2.80	19.3	
Trichloroethylene	9.32		"	10.0		93.2	77.9-130		3.27	20.5	
Trichlorofluoromethane	8.98		"	10.0		89.8	57.4-133		1.55	21.4	
Vinyl Chloride	8.72		"	10.0		87.2	54.9-124		1.15	22.3	
Surrogate: 1,2-Dichloroethane-d4	9.37		"	10.0		93.7	72.6-129				
Surrogate: p-Bromofluorobenzene	9.92		"	10.0		99.2	63.5-145				
Surrogate: Toluene-d8	9.89		"	10.0		98.9	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 BH20219 - EPA 3010A											
Blank (BH20219-BLK1)								Prepared & Analyzed: 08/06/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BH20219-DUP1)								Prepared & Analyzed: 08/06/2012			
*Source sample: 12H0098-01 (WQ73112:1150NP2-10)											
Iron - Dissolved	ND	0.0100	mg/L		0.0216					20	
Matrix Spike (BH20219-MS1)								Prepared & Analyzed: 08/06/2012			
*Source sample: 12H0098-01 (WQ73112:1150NP2-10)											
Iron - Dissolved	1.04	0.0100	mg/L	1.00	0.0216	102	75-125				
Reference (BH20219-SRM1)								Prepared & Analyzed: 08/06/2012			
Iron - Dissolved	0.238	0.0100	mg/L	0.274		87.0	86.9-115				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20219 - EPA 3010A											
Blank (BH20219-BLK1)											
								Prepared & Analyzed: 08/06/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BH20219-DUP1)											
*Source sample: 12H0098-01 (WQ73112:1150NP2-10)								Prepared & Analyzed: 08/06/2012			
Iron	3.52	0.0100	mg/L		3.48				1.09	20	
Matrix Spike (BH20219-MS1)											
*Source sample: 12H0098-01 (WQ73112:1150NP2-10)								Prepared & Analyzed: 08/06/2012			
Iron	4.53	0.0100	mg/L	1.00	3.48	105	75-125				
Reference (BH20219-SRM1)											
								Prepared & Analyzed: 08/06/2012			
Iron	0.238	0.0100	mg/L	0.274		87.0	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BH20207 - % Solids Prep**Blank (BH20207-BLK1)**

Prepared & Analyzed: 08/07/2012

Total Dissolved Solids ND 1.00 mg/L

Duplicate (BH20207-DUP1)

*Source sample: 12H0098-01 (WQ73112:1150NP2-10)

Prepared & Analyzed: 08/07/2012

Total Dissolved Solids 133 1.00 mg/L 131 1.52 15

Notes and Definitions

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

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. 12H0097

YOUR INFORMATION

Company: LB6
Address: 4 Research Dr. Suite 301
Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandoz
E-Mail Address: TSandoz@LB6CT.com

Report To:

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

Invoice To:

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

YOUR PROJECT ID

Rewe Industries

Purchase Order No.

NA85A6

Turn-Around Time

☐ RUSH - Same Day
☐ RUSH - Next Day
☐ RUSH - Two Day
☐ RUSH - Three Day
☐ RUSH - Four Day

Report Type

☒ Summary Report X, pdf
☐ Summary w/ QA Summary X, pdf
☐ CT RCP Package
☐ CT RCP DQADUE Pkg
☐ NY ASP A Package
☐ NY ASP B Package NF2 10 only
☐ NIDEF Red. Deliv.

Electronic Data Deliverables (EDD)

☒ Simple Excel
☐ NYSEDEC EQULS
☐ EQULS (std)
☐ EZ-EDD (EQULS)
☐ NIDEF SRP HazSite EDD
☐ GIS/KEY (std)
☐ Other
☐ York Regulatory Comparison
☐ Excel Spreadsheet
Complete to the following Regs. (Please fill in):

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

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

Samples Collected/Authorized By (Signature)
STEVEN HUNAT
Name (printed)

Sample Matrix

Date Sampled

Sample Identification

WQ73112-1140NF2-6	7/31/12 1140	GW
WQ73112-1145NF2-7	1145	GW
WQ73112-1152NF2-10	1150	GW

Choose Analyses Needed from the Menu Above and Enter Below

Fe by EPA 200.7/Fe, Dissolved by EPA 6010 (SW 846-6010) / Vols,
P260 List (EPA SW 845-8260b) plus from 113
Fe by EPA 200.7/Fe, Dissolved by EPA 6010 (SW 846-6010) / Vols,
P260 List (EPA SW 845-8260b) plus from 113 / TOS (SH 2540c)

Container Description(s)

2N 28
2N 28
2N 38

Comments

Preservation

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

4°C _____ Frozen _____ HCl _____ MeOH _____ BNO _____ H₂SO _____ NaOH _____
ZnAc _____ Ascorbic Acid _____ Other _____
Date/Time 8/2/12 11:28
Samples Relinquished By Danella Danc Date/Time 8/2/12 11:28
Samples Received By Danc Date/Time 8-2-12 1425
Samples Relinquished By _____ Date/Time _____
Samples Received in LAB by _____ Date/Time _____

Temperature on Receipt
5.0 °C

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

York Project No. 12H0098

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.

YOUR INFORMATION		Report To:		Invoice To:		YOUR PROJECT ID		Turn-Around Time		Report Type					
Company: <u>LB6</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>				
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 Sandoz</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>TSandoz@LB6T.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>STEVEN HANAT</u> Name (printed): <u>STEVEN HANAT</u>		Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles B260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		Scant-Vols 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NUDEP list App. IX TCLP BNA SPUP or TCLP		Metals RCRA8 PT 13 list TAL CT15 list TAGM list NUDEP list Total Dissolved SPUP or TCLP Lead, Metals LIST Below Helium		Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		Full Lists Full Poll. TCL Organics TAL MetCon Full TCLP Full App IX Pat 360-Residue Pat 360-Residue Pat 360-Residue Pat 360-Residue NYCDEP NYCDEP NYCDEP NYCDEP		Misc. Conductivity Reactivity Igibility Flash Point Stove Anal. Heuristics TOX BTU/Btu Aquatic Tox TOC Asbestos Silica	
Choose Analyses Needed from the Menu Above and Enter Below															
Sample Identification	Date Sampled	Sample Matrix	Fe by EPA 800.71 Fe, Dissolved by EPA 800.71 (SW 846-6010) / Vols, R260 List (EPA SW 846-6010) plus from 113 Fe by EPA 800.71 Fe, Dissolved by EPA 800.71 (SW 846-6010) / Vols R260 List (EPA SW 846-6010) plus from 113 / TDS (SH 2540C)												
WQ73112: 1142NP2-6	7/31/12 1140	GW	2x 2x												
WQ73112: 1145NP2-7	7/31/12 1145	GW	2x 2x												
WQ73112: 1151NP2-10	7/31/12 1150	GW	2x 3x												
Comments Preservation: Check these Applicable Special Instructions: Field Filtered ☐ Lab to Filter ☐ 4°C ☐ Frozen ☐ HCl ☐ MeOH ☐ HNO₃ ☐ H₂SO₄ ☐ NaOH ☐ Other ☐ Temperature on Receipt: <u>5.0 °C</u>															

APPENDIX II
JULY 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 Sandor

Report Date: 07/25/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0369

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 07/25/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0369

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 12, 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>
12G0369-01	GWQ71012:1030NP1-1-2	Water	07/10/2012	07/12/2012
12G0369-02	GWQ71012:1040NP1-1-4	Water	07/10/2012	07/12/2012
12G0369-03	GWQ71012:1050NP1-1-6	Water	07/10/2012	07/12/2012
12G0369-04	GWQ71012:1100NP1-1-7	Water	07/10/2012	07/12/2012
12G0369-05	GWQ71012:1035NP1-1-5	Water	07/10/2012	07/12/2012
12G0369-06	GWQ71012:1109NP1-1-8	Water	07/10/2012	07/12/2012
12G0369-07	GWQ71012:1135NP1-1-9	Water	07/10/2012	07/12/2012
12G0369-08	GWQ71012:1220NP1-1-3	Water	07/10/2012	07/12/2012

General Notes for York Project (SDG) No.: 12G0369

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

Approved By:



Date: 07/25/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: GWQ71012:1030NP1-1-2

York Sample ID: 12G0369-01

York Project (SDG) No.

12G0369

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

July 10, 2012 10:30 am

Date Received

07/12/2012

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	07/13/2012 11:27	07/13/2012 12:57	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	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	07/13/2012 11:27	07/13/2012 12:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS

Sample Information

Client Sample ID: GWQ71012:1030NP1-1-2

York Sample ID: 12G0369-01

York Project (SDG) No.
12G0369

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 10:30 am

Date Received
07/12/2012

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	07/13/2012 11:27	07/13/2012 12:57	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
75-09-2	Methylene chloride	1.2	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
91-20-3	Naphthalene	0.19	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
127-18-4	Tetrachloroethylene	0.91		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
79-01-6	Trichloroethylene	0.15	J	ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	105 %	81.2-127								

Sample Information

Client Sample ID: GWQ71012:1030NP1-1-2

York Sample ID: 12G0369-01

<u>York Project (SDG) No.</u> 12G0369	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 10, 2012 10:30 am	<u>Date Received</u> 07/12/2012
--	---	------------------------	---	------------------------------------

Sample Information

Client Sample ID: GWQ71012:1040NP1-1-4

York Sample ID: 12G0369-02

<u>York Project (SDG) No.</u> 12G0369	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 10, 2012 10:40 am	<u>Date Received</u> 07/12/2012
--	---	------------------------	---	------------------------------------

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	07/13/2012 11:27	07/13/2012 13:42	SS
71-55-6	1,1,1-Trichloroethane	1.9		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
75-34-3	1,1-Dichloroethane	0.65		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
67-64-1	Acetone	1.8	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS

Sample Information

Client Sample ID: GWQ71012:1040NP1-1-4

York Sample ID: 12G0369-02

York Project (SDG) No.
12G0369

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 10:40 am

Date Received
07/12/2012

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
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
67-66-3	Chloroform	0.14	J	ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
75-09-2	Methylene chloride	1.1	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
91-20-3	Naphthalene	0.12	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
127-18-4	Tetrachloroethylene	1.3		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
79-01-6	Trichloroethylene	0.15	J	ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS

Sample Information

Client Sample ID: GWQ71012:1040NP1-1-4

York Sample ID: 12G0369-02

York Project (SDG) No.
12G0369

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 10:40 am

Date Received
07/12/2012

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
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	104 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	107 %		81.2-127							

Sample Information

Client Sample ID: GWQ71012:1050NP1-1-6

York Sample ID: 12G0369-03

York Project (SDG) No.
12G0369

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 10:50 am

Date Received
07/12/2012

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	07/13/2012 11:27	07/13/2012 14:28	SS
71-55-6	1,1,1-Trichloroethane	2.2		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
75-34-3	1,1-Dichloroethane	0.65		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
75-35-4	1,1-Dichloroethylene	0.14	J	ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS

Sample Information

Client Sample ID: GWQ71012:1050NP1-1-6

York Sample ID: 12G0369-03

York Project (SDG) No.
12G0369

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 10:50 am

Date Received
07/12/2012

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
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
67-66-3	Chloroform	0.25	J	ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
75-09-2	Methylene chloride	1.2	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS

Sample Information

Client Sample ID: GWQ71012:1050NP1-1-6

York Sample ID: 12G0369-03

York Project (SDG) No.
12G0369

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 10:50 am

Date Received
07/12/2012

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
127-18-4	Tetrachloroethylene	3.1		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
79-01-6	Trichloroethylene	0.13	J	ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	101 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	105 %		81.2-127							

Sample Information

Client Sample ID: GWQ71012:1100NP1-1-7

York Sample ID: 12G0369-04

York Project (SDG) No.
12G0369

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:00 am

Date Received
07/12/2012

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	07/13/2012 11:27	07/13/2012 15:14	SS
71-55-6	1,1,1-Trichloroethane	0.28	J	ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
75-34-3	1,1-Dichloroethane	0.22	J	ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS

Sample Information

Client Sample ID: GWQ71012:1100NP1-1-7

York Sample ID: 12G0369-04

York Project (SDG) No.
12G0369

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:00 am

Date Received
07/12/2012

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
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
75-09-2	Methylene chloride	1.2	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS

Sample Information

Client Sample ID: GWQ71012:1100NP1-1-7

York Sample ID: 12G0369-04

York Project (SDG) No.
12G0369

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:00 am

Date Received
07/12/2012

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
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
127-18-4	Tetrachloroethylene	1.6		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	104 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	107 %		81.2-127							

Sample Information

Client Sample ID: GWQ71012:1035NP1-1-5

York Sample ID: 12G0369-05

York Project (SDG) No.
12G0369

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 10:35 am

Date Received
07/12/2012

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	07/13/2012 11:27	07/13/2012 15:59	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS

Sample Information

Client Sample ID: GWQ71012:1035NP1-1-5

York Sample ID: 12G0369-05

York Project (SDG) No.
12G0369

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 10:35 am

Date Received
07/12/2012

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	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
67-66-3	Chloroform	0.70		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS

Sample Information

Client Sample ID: GWQ71012:1035NP1-1-5

York Sample ID: 12G0369-05

York Project (SDG) No.
12G0369

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 10:35 am

Date Received
07/12/2012

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	07/13/2012 11:27	07/13/2012 15:59	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
75-09-2	Methylene chloride	1.2	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
108-88-3	Toluene	0.22	J	ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	104 %	81.2-127								

Sample Information

Client Sample ID: GWQ71012:1109NP1-1-8

York Sample ID: 12G0369-06

York Project (SDG) No.
12G0369

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:09 am

Date Received
07/12/2012

Sample Information

Client Sample ID: GWQ71012:1109NP1-1-8

York Sample ID: 12G0369-06

York Project (SDG) No.
12G0369

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:09 am

Date Received
07/12/2012

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	07/13/2012 11:27	07/13/2012 16:45	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	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	07/13/2012 11:27	07/13/2012 16:45	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS

Sample Information

Client Sample ID: GWQ71012:1109NP1-1-8

York Sample ID: 12G0369-06

York Project (SDG) No.
12G0369

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:09 am

Date Received
07/12/2012

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	07/13/2012 11:27	07/13/2012 16:45	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
75-09-2	Methylene chloride	1.2	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
127-18-4	Tetrachloroethylene	0.10	J	ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
108-88-3	Toluene	0.12	J	ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS

Surrogate Recoveries		Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	72.6-129
460-00-4	Surrogate: p-Bromofluorobenzene	105 %	63.5-145
2037-26-5	Surrogate: Toluene-d8	106 %	81.2-127

Sample Information

Client Sample ID: GWQ71012:1135NP1-1-9

York Sample ID: 12G0369-07

York Project (SDG) No.
12G0369

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:35 am

Date Received
07/12/2012

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	07/13/2012 11:27	07/13/2012 17:30	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	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	07/13/2012 11:27	07/13/2012 17:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS

Sample Information

Client Sample ID: GWQ71012:1135NP1-1-9

York Sample ID: 12G0369-07

York Project (SDG) No.
12G0369

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:35 am

Date Received
07/12/2012

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	07/13/2012 11:27	07/13/2012 17:30	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
75-09-2	Methylene chloride	1.3	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	107 %	81.2-127								

Sample Information

Client Sample ID: GWQ71012:1220NP1-1-3

York Sample ID: 12G0369-08

York Project (SDG) No.
12G0369

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 12:20 pm

Date Received
07/12/2012

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

Sample Information

Client Sample ID: GWQ71012:1220NP1-1-3

York Sample ID: 12G0369-08

York Project (SDG) No.
12G0369

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 12:20 pm

Date Received
07/12/2012

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	07/13/2012 11:27	07/13/2012 18:15	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
75-09-2	Methylene chloride	1.1	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	99.8 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	105 %	81.2-127								

Analytical Batch Summary

Batch ID: BG20599

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12G0369-01	GWQ71012:1030NP1-1-2	07/13/12
12G0369-02	GWQ71012:1040NP1-1-4	07/13/12
12G0369-03	GWQ71012:1050NP1-1-6	07/13/12
12G0369-04	GWQ71012:1100NP1-1-7	07/13/12
12G0369-05	GWQ71012:1035NP1-1-5	07/13/12
12G0369-06	GWQ71012:1109NP1-1-8	07/13/12
12G0369-07	GWQ71012:1135NP1-1-9	07/13/12
12G0369-08	GWQ71012:1220NP1-1-3	07/13/12
BG20599-BLK1	Blank	07/13/12
BG20599-BS1	LCS	07/13/12
BG20599-BSD1	LCS Dup	07/13/12
BG20599-MS1	Matrix Spike	07/13/12
BG20599-MSD1	Matrix Spike Dup	07/13/12

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

York Analytical Laboratories, Inc.

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

Batch BG20599 - EPA 5030B

Blank (BG20599-BLK1)

Prepared & Analyzed: 07/13/2012

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	4.3	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	2.6	2.0	"
Naphthalene	0.56	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 BG20599 - EPA 5030B											
Blank (BG20599-BLK1)						Prepared & Analyzed: 07/13/2012					
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>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</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>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>81.2-127</i>				
LCS (BG20599-BS1)						Prepared & Analyzed: 07/13/2012					
1,1,1,2-Tetrachloroethane	9.71		ug/L	10.0		97.1	82.3-130				
1,1,1-Trichloroethane	10.8		"	10.0		108	75.6-137				
1,1,2,2-Tetrachloroethane	9.21		"	10.0		92.1	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.99		"	10.0		99.9	71.1-129				
1,1,2-Trichloroethane	9.72		"	10.0		97.2	74.5-129				
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132				
1,1-Dichloroethylene	10.3		"	10.0		103	80.2-146				
1,1-Dichloropropylene	8.60		"	10.0		86.0	75-136				
1,2,3-Trichlorobenzene	9.40		"	10.0		94.0	66.1-136				
1,2,3-Trichloropropane	9.96		"	10.0		99.6	63-131				
1,2,4-Trichlorobenzene	8.97		"	10.0		89.7	70.6-136				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	75.3-135				
1,2-Dibromo-3-chloropropane	10.5		"	10.0		105	58.9-140				
1,2-Dibromoethane	9.48		"	10.0		94.8	79-130				
1,2-Dichlorobenzene	9.20		"	10.0		92.0	76.1-122				
1,2-Dichloroethane	10.2		"	10.0		102	74.6-132				
1,2-Dichloropropane	10.0		"	10.0		100	76.9-129				
1,3,5-Trimethylbenzene	9.42		"	10.0		94.2	70.6-127				
1,3-Dichlorobenzene	9.52		"	10.0		95.2	77-124				
1,3-Dichloropropane	9.66		"	10.0		96.6	75.8-126				
1,4-Dichlorobenzene	9.48		"	10.0		94.8	76.6-125				
2,2-Dichloropropane	11.5		"	10.0		115	69-133				
2-Chlorotoluene	9.43		"	10.0		94.3	66.3-119				
2-Hexanone	8.44		"	10.0		84.4	70-130				
4-Chlorotoluene	9.98		"	10.0		99.8	69.2-127				
Acetone	6.29		"	10.0		62.9	70-130	Low Bias			
Benzene	9.72		"	10.0		97.2	76.2-129				
Bromobenzene	9.62		"	10.0		96.2	71.3-123				
Bromochloromethane	10.1		"	10.0		101	70.8-137				
Bromodichloromethane	10.7		"	10.0		107	79.7-134				
Bromoform	9.56		"	10.0		95.6	70.5-141				
Bromomethane	10.3		"	10.0		103	43.9-147				
Carbon tetrachloride	9.31		"	10.0		93.1	78.1-138				
Chlorobenzene	9.76		"	10.0		97.6	80.4-125				
Chloroethane	10.4		"	10.0		104	55.8-140				
Chloroform	10.0		"	10.0		100	76.6-133				
Chloromethane	9.91		"	10.0		99.1	48.8-115				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	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 BG20599 - EPA 5030B											
LCS (BG20599-BS1)						Prepared & Analyzed: 07/13/2012					
Dibromochloromethane	10.1		ug/L	10.0		101	79.8-134				
Dibromomethane	10.7		"	10.0		107	79-130				
Dichlorodifluoromethane	9.67		"	10.0		96.7	47.1-101				
Ethyl Benzene	11.0		"	10.0		110	80.8-128				
Hexachlorobutadiene	9.65		"	10.0		96.5	64.8-128				
Isopropylbenzene	11.1		"	10.0		111	75.5-135				
Methyl tert-butyl ether (MTBE)	12.0		"	10.0		120	65.1-140				
Methylene chloride	8.81		"	10.0		88.1	61.3-120				
Naphthalene	9.43		"	10.0		94.3	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	9.64		"	10.0		96.4	75.9-122				
p- & m- Xylenes	20.6		"	20.0		103	77.7-127				
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129				
sec-Butylbenzene	10.3		"	10.0		103	71.5-125				
Styrene	9.38		"	10.0		93.8	77.8-123				
tert-Butylbenzene	9.90		"	10.0		99.0	75.9-151				
Tetrachloroethylene	10.2		"	10.0		102	63.6-167				
Toluene	10.0		"	10.0		100	77-123				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	76.3-139				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137				
Trichloroethylene	10.3		"	10.0		103	77.9-130				
Trichlorofluoromethane	11.1		"	10.0		111	57.4-133				
Vinyl Chloride	10.8		"	10.0		108	54.9-124				
<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>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</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 BG20599 - EPA 5030B											
LCS Dup (BG20599-BSD1)						Prepared & Analyzed: 07/13/2012					
1,1,1,2-Tetrachloroethane	9.70		ug/L	10.0		97.0	82.3-130		0.103	21.1	
1,1,1-Trichloroethane	9.85		"	10.0		98.5	75.6-137		9.48	19.7	
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	71.3-131		8.92	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.09		"	10.0		90.9	71.1-129		9.43	21.7	
1,1,2-Trichloroethane	10.2		"	10.0		102	74.5-129		5.31	20.3	
1,1-Dichloroethane	9.54		"	10.0		95.4	79.6-132		5.70	20.6	
1,1-Dichloroethylene	9.61		"	10.0		96.1	80.2-146		7.32	20	
1,1-Dichloropropylene	7.47		"	10.0		74.7	75-136	Low Bias	14.1	19.3	
1,2,3-Trichlorobenzene	10.1		"	10.0		101	66.1-136		7.57	21.6	
1,2,3-Trichloropropane	9.58		"	10.0		95.8	63-131		3.89	23.9	
1,2,4-Trichlorobenzene	9.27		"	10.0		92.7	70.6-136		3.29	21.7	
1,2,4-Trimethylbenzene	10.3		"	10.0		103	75.3-135		0.483	18.8	
1,2-Dibromo-3-chloropropane	9.01		"	10.0		90.1	58.9-140		15.4	27.7	
1,2-Dibromoethane	10.5		"	10.0		105	79-130		10.5	23	
1,2-Dichlorobenzene	9.20		"	10.0		92.0	76.1-122		0.00	19.8	
1,2-Dichloroethane	10.4		"	10.0		104	74.6-132		2.33	20.2	
1,2-Dichloropropane	10.1		"	10.0		101	76.9-129		0.298	20.7	
1,3,5-Trimethylbenzene	9.45		"	10.0		94.5	70.6-127		0.318	18.9	
1,3-Dichlorobenzene	9.48		"	10.0		94.8	77-124		0.421	19.2	
1,3-Dichloropropane	9.97		"	10.0		99.7	75.8-126		3.16	22.1	
1,4-Dichlorobenzene	9.40		"	10.0		94.0	76.6-125		0.847	18.6	
2,2-Dichloropropane	10.8		"	10.0		108	69-133		6.74	19.8	
2-Chlorotoluene	9.34		"	10.0		93.4	66.3-119		0.959	21.6	
2-Hexanone	9.26		"	10.0		92.6	70-130		9.27	30	
4-Chlorotoluene	9.92		"	10.0		99.2	69.2-127		0.603	19	
Acetone	7.30		"	10.0		73.0	70-130		14.9	30	
Benzene	9.26		"	10.0		92.6	76.2-129		4.85	19	
Bromobenzene	9.62		"	10.0		96.2	71.3-123		0.00	20.3	
Bromochloromethane	9.66		"	10.0		96.6	70.8-137		4.06	23.9	
Bromodichloromethane	10.8		"	10.0		108	79.7-134		0.932	21	
Bromoform	10.3		"	10.0		103	70.5-141		7.16	21.8	
Bromomethane	9.67		"	10.0		96.7	43.9-147		6.12	28.4	
Carbon tetrachloride	8.03		"	10.0		80.3	78.1-138		14.8	20.1	
Chlorobenzene	9.62		"	10.0		96.2	80.4-125		1.44	19.9	
Chloroethane	9.50		"	10.0		95.0	55.8-140		8.85	23.3	
Chloroform	9.44		"	10.0		94.4	76.6-133		5.96	20.3	
Chloromethane	9.22		"	10.0		92.2	48.8-115		7.21	24.5	
cis-1,2-Dichloroethylene	9.61		"	10.0		96.1	75.1-128		4.77	20.5	
cis-1,3-Dichloropropylene	10.5		"	10.0		105	74.5-128		1.72	19.9	
Dibromochloromethane	10.6		"	10.0		106	79.8-134		4.82	21.3	
Dibromomethane	11.1		"	10.0		111	79-130		4.04	22.4	
Dichlorodifluoromethane	9.09		"	10.0		90.9	47.1-101		6.18	23.9	
Ethyl Benzene	10.6		"	10.0		106	80.8-128		3.34	19.2	
Hexachlorobutadiene	8.76		"	10.0		87.6	64.8-128		9.67	20.6	
Isopropylbenzene	10.6		"	10.0		106	75.5-135		4.81	20	
Methyl tert-butyl ether (MTBE)	12.6		"	10.0		126	65.1-140		4.72	23.6	
Methylene chloride	8.70		"	10.0		87.0	61.3-120		1.26	20.4	
Naphthalene	9.43		"	10.0		94.3	62.3-148		0.00	27.1	
n-Butylbenzene	9.97		"	10.0		99.7	67.2-123		4.41	19.1	
n-Propylbenzene	9.87		"	10.0		98.7	70.5-127		5.42	23.4	
o-Xylene	9.58		"	10.0		95.8	75.9-122		0.624	19.3	
p- & m- Xylenes	19.1		"	20.0		95.4	77.7-127		7.81	18.6	
p-Isopropyltoluene	9.71		"	10.0		97.1	75.6-129		4.92	19.1	
sec-Butylbenzene	9.68		"	10.0		96.8	71.5-125		6.01	18.9	

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

York Analytical Laboratories, Inc.

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

Batch BG20599 - EPA 5030B

LCS Dup (BG20599-BSD1)

Prepared & Analyzed: 07/13/2012

Styrene	9.41		ug/L	10.0		94.1	77.8-123		0.319	20.9	
tert-Butylbenzene	9.39		"	10.0		93.9	75.9-151		5.29	20.9	
Tetrachloroethylene	9.36		"	10.0		93.6	63.6-167		8.69	27.7	
Toluene	9.83		"	10.0		98.3	77-123		1.71	18.7	
trans-1,2-Dichloroethylene	9.66		"	10.0		96.6	76.3-139		7.38	19.5	
trans-1,3-Dichloropropylene	10.9		"	10.0		109	72.5-137		4.13	19.3	
Trichloroethylene	9.99		"	10.0		99.9	77.9-130		2.76	20.5	
Trichlorofluoromethane	10.0		"	10.0		100	57.4-133		9.76	21.4	
Vinyl Chloride	9.75		"	10.0		97.5	54.9-124		10.1	22.3	
Surrogate: 1,2-Dichloroethane-d4	10.8		"	10.0		108	72.6-129				
Surrogate: p-Bromofluorobenzene	10.6		"	10.0		106	63.5-145				
Surrogate: Toluene-d8	10.5		"	10.0		105	81.2-127				

Matrix Spike (BG20599-MS1)

*Source sample: 12G0369-02 (GWQ71012:1040NP1-1-4)

Prepared & Analyzed: 07/13/2012

1,1,1,2-Tetrachloroethane	8.58		ug/L	10.0	ND	85.8	82-138				
1,1,1-Trichloroethane	10.9		"	10.0	1.93	89.3	85.7-133				
1,1,2,2-Tetrachloroethane	8.49		"	10.0	ND	84.9	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.39		"	10.0	ND	83.9	74.8-131				
1,1,2-Trichloroethane	9.48		"	10.0	ND	94.8	82.5-129				
1,1-Dichloroethane	9.54		"	10.0	0.650	88.9	81.4-137				
1,1-Dichloroethylene	8.92		"	10.0	ND	89.2	90-138	Low Bias			
1,1-Dichloropropylene	7.47		"	10.0	ND	74.7	91.7-131	Low Bias			
1,2,3-Trichlorobenzene	9.08		"	10.0	ND	90.8	75.9-130				
1,2,3-Trichloropropane	8.53		"	10.0	ND	85.3	77.1-140				
1,2,4-Trichlorobenzene	8.70		"	10.0	ND	87.0	69.8-135				
1,2,4-Trimethylbenzene	8.95		"	10.0	ND	89.5	79.4-131				
1,2-Dibromo-3-chloropropane	8.96		"	10.0	ND	89.6	66.6-143				
1,2-Dibromoethane	9.18		"	10.0	ND	91.8	79.8-136				
1,2-Dichlorobenzene	7.92		"	10.0	ND	79.2	79.9-130	Low Bias			
1,2-Dichloroethane	9.75		"	10.0	ND	97.5	85-133				
1,2-Dichloropropane	8.70		"	10.0	ND	87.0	81.1-132				
1,3,5-Trimethylbenzene	7.71		"	10.0	ND	77.1	76.1-121				
1,3-Dichlorobenzene	8.05		"	10.0	ND	80.5	79.1-124				
1,3-Dichloropropane	8.76		"	10.0	ND	87.6	83.3-130				
1,4-Dichlorobenzene	8.05		"	10.0	ND	80.5	79.4-128				
2,2-Dichloropropane	8.66		"	10.0	ND	86.6	54.2-126				
2-Chlorotoluene	7.89		"	10.0	ND	78.9	60.2-144				
2-Hexanone	7.51		"	10.0	ND	75.1	70-130				
4-Chlorotoluene	8.53		"	10.0	ND	85.3	79.8-128				
Acetone	5.28		"	10.0	1.81	34.7	70-130	Low Bias			
Benzene	8.58		"	10.0	ND	85.8	74.1-134				
Bromobenzene	8.37		"	10.0	ND	83.7	76.6-125				
Bromochloromethane	8.80		"	10.0	ND	88.0	85-133				
Bromodichloromethane	9.51		"	10.0	ND	95.1	80.8-143				
Bromoform	8.18		"	10.0	ND	81.8	65.8-164				
Bromomethane	9.08		"	10.0	ND	90.8	68.7-112				
Carbon tetrachloride	8.16		"	10.0	ND	81.6	85.7-138	Low Bias			
Chlorobenzene	8.59		"	10.0	ND	85.9	79.9-129				
Chloroethane	8.78		"	10.0	ND	87.8	74.7-127				
Chloroform	9.28		"	10.0	0.140	91.4	50.6-145				
Chloromethane	8.52		"	10.0	ND	85.2	64-111				
cis-1,2-Dichloroethylene	8.94		"	10.0	ND	89.4	75.5-129				
cis-1,3-Dichloropropylene	9.06		"	10.0	ND	90.6	74.3-128				
Dibromochloromethane	8.84		"	10.0	ND	88.4	76.8-150				

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

York Analytical Laboratories, Inc.

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

Batch BG20599 - EPA 5030B

Matrix Spike (BG20599-MS1)		*Source sample: 12G0369-02 (GWQ71012:1040NP1-1-4)					Prepared & Analyzed: 07/13/2012				
Dibromomethane	9.61		ug/L	10.0	ND	96.1	83.3-140				
Dichlorodifluoromethane	1.57		"	10.0	ND	15.7	51-100	Low Bias			
Ethyl Benzene	9.59		"	10.0	ND	95.9	82.9-127				
Hexachlorobutadiene	8.31		"	10.0	ND	83.1	73-128				
Isopropylbenzene	8.93		"	10.0	ND	89.3	78.7-131				
Methyl tert-butyl ether (MTBE)	4.67		"	10.0	ND	46.7	81.2-134	Low Bias			
Methylene chloride	6.88		"	10.0	1.09	57.9	57.8-103				
Naphthalene	6.25		"	10.0	0.120	61.3	80.1-122	Low Bias			
n-Butylbenzene	8.72		"	10.0	ND	87.2	72.4-120				
n-Propylbenzene	8.54		"	10.0	ND	85.4	74-130				
o-Xylene	8.48		"	10.0	ND	84.8	78.8-122				
p- & m- Xylenes	16.9		"	20.0	ND	84.6	82.5-123				
p-Isopropyltoluene	8.43		"	10.0	ND	84.3	64.9-132				
sec-Butylbenzene	8.43		"	10.0	ND	84.3	25.4-151				
Styrene	8.24		"	10.0	ND	82.4	74.1-134				
tert-Butylbenzene	8.21		"	10.0	ND	82.1	79.5-171				
Tetrachloroethylene	9.79		"	10.0	1.32	84.7	72.5-130				
Toluene	8.65		"	10.0	ND	86.5	77.8-121				
trans-1,2-Dichloroethylene	8.81		"	10.0	ND	88.1	83.8-140				
trans-1,3-Dichloropropylene	9.07		"	10.0	ND	90.7	74.9-136				
Trichloroethylene	9.25		"	10.0	0.150	91.0	84.4-125				
Trichlorofluoromethane	9.31		"	10.0	ND	93.1	78.7-127				
Vinyl Chloride	8.76		"	10.0	ND	87.6	72.1-116				
Surrogate: 1,2-Dichloroethane-d4	10.7		"	10.0		107	72.6-129				
Surrogate: p-Bromofluorobenzene	10.2		"	10.0		102	63.5-145				
Surrogate: Toluene-d8	10.2		"	10.0		102	81.2-127				

Matrix Spike Dup (BG20599-MSD1)		*Source sample: 12G0369-02 (GWQ71012:1040NP1-1-4)					Prepared & Analyzed: 07/13/2012				
1,1,1,2-Tetrachloroethane	8.58		ug/L	10.0	ND	85.8	82-138		0.00	21.3	
1,1,1-Trichloroethane	11.0		"	10.0	1.93	90.6	85.7-133		1.45	22.6	
1,1,2,2-Tetrachloroethane	8.93		"	10.0	ND	89.3	78.6-136		5.05	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.21		"	10.0	ND	82.1	74.8-131		2.17	25.6	
1,1,2-Trichloroethane	9.33		"	10.0	ND	93.3	82.5-129		1.59	19.3	
1,1-Dichloroethane	9.65		"	10.0	0.650	90.0	81.4-137		1.23	20.7	
1,1-Dichloroethylene	9.01		"	10.0	ND	90.1	90-138		1.00	22.9	
1,1-Dichloropropylene	7.61		"	10.0	ND	76.1	91.7-131	Low Bias	1.86	24.9	
1,2,3-Trichlorobenzene	9.70		"	10.0	ND	97.0	75.9-130		6.60	21.4	
1,2,3-Trichloropropane	9.12		"	10.0	ND	91.2	77.1-140		6.69	28	
1,2,4-Trichlorobenzene	9.02		"	10.0	ND	90.2	69.8-135		3.61	22.5	
1,2,4-Trimethylbenzene	9.23		"	10.0	ND	92.3	79.4-131		3.08	33.9	
1,2-Dibromo-3-chloropropane	8.85		"	10.0	ND	88.5	66.6-143		1.24	23.3	
1,2-Dibromoethane	9.39		"	10.0	ND	93.9	79.8-136		2.26	19.1	
1,2-Dichlorobenzene	8.36		"	10.0	ND	83.6	79.9-130		5.41	23.2	
1,2-Dichloroethane	9.74		"	10.0	ND	97.4	85-133		0.103	19.1	
1,2-Dichloropropane	8.73		"	10.0	ND	87.3	81.1-132		0.344	19.9	
1,3,5-Trimethylbenzene	8.16		"	10.0	ND	81.6	76.1-121		5.67	31.2	
1,3-Dichlorobenzene	8.58		"	10.0	ND	85.8	79.1-124		6.37	22.6	
1,3-Dichloropropane	8.89		"	10.0	ND	88.9	83.3-130		1.47	20.9	
1,4-Dichlorobenzene	8.45		"	10.0	ND	84.5	79.4-128		4.85	21	
2,2-Dichloropropane	8.54		"	10.0	ND	85.4	54.2-126		1.40	24.5	
2-Chlorotoluene	8.94		"	10.0	ND	89.4	60.2-144		12.5	30.8	
2-Hexanone	8.66		"	10.0	ND	86.6	70-130		14.2	30	
4-Chlorotoluene	8.94		"	10.0	ND	89.4	79.8-128		4.69	23.2	
Acetone	6.02		"	10.0	1.81	42.1	70-130	Low Bias	19.3	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 BG20599 - EPA 5030B											
Matrix Spike Dup (BG20599-MSD1)	*Source sample: 12G0369-02 (GWQ71012:1040NP1-1-4)						Prepared & Analyzed: 07/13/2012				
Benzene	8.87		ug/L	10.0	ND	88.7	74.1-134		3.32	20.8	
Bromobenzene	8.59		"	10.0	ND	85.9	76.6-125		2.59	23	
Bromochloromethane	8.77		"	10.0	ND	87.7	85-133		0.341	18.4	
Bromodichloromethane	9.51		"	10.0	ND	95.1	80.8-143		0.00	18.1	
Bromoform	8.87		"	10.0	ND	88.7	65.8-164		8.09	27.3	
Bromomethane	8.98		"	10.0	ND	89.8	68.7-112		1.11	22.8	
Carbon tetrachloride	8.12		"	10.0	ND	81.2	85.7-138	Low Bias	0.491	25.1	
Chlorobenzene	8.74		"	10.0	ND	87.4	79.9-129		1.73	21	
Chloroethane	9.28		"	10.0	ND	92.8	74.7-127		5.54	23.7	
Chloroform	9.35		"	10.0	0.140	92.1	50.6-145		0.763	21.7	
Chloromethane	8.54		"	10.0	ND	85.4	64-111		0.234	21.4	
cis-1,2-Dichloroethylene	9.06		"	10.0	ND	90.6	75.5-129		1.33	20.2	
cis-1,3-Dichloropropylene	8.90		"	10.0	ND	89.0	74.3-128		1.78	19.8	
Dibromochloromethane	9.25		"	10.0	ND	92.5	76.8-150		4.53	20.8	
Dibromomethane	9.80		"	10.0	ND	98.0	83.3-140		1.96	20.4	
Dichlorodifluoromethane	1.69		"	10.0	ND	16.9	51-100	Low Bias	7.36	27.6	
Ethyl Benzene	9.61		"	10.0	ND	96.1	82.9-127		0.208	21.4	
Hexachlorobutadiene	8.77		"	10.0	ND	87.7	73-128		5.39	26	
Isopropylbenzene	9.34		"	10.0	ND	93.4	78.7-131		4.49	26.7	
Methyl tert-butyl ether (MTBE)	6.83		"	10.0	ND	68.3	81.2-134	Low Bias	37.6	21.2	Non-dir.
Methylene chloride	6.83		"	10.0	1.09	57.4	57.8-103	Low Bias	0.867	21.2	
Naphthalene	6.71		"	10.0	0.120	65.9	80.1-122	Low Bias	7.23	26.1	
n-Butylbenzene	9.22		"	10.0	ND	92.2	72.4-120		5.57	30.8	
n-Propylbenzene	8.85		"	10.0	ND	88.5	74-130		3.57	31	
o-Xylene	8.80		"	10.0	ND	88.0	78.8-122		3.70	21	
p- & m- Xylenes	17.8		"	20.0	ND	89.2	82.5-123		5.18	22.5	
p-Isopropyltoluene	8.79		"	10.0	ND	87.9	64.9-132		4.18	25.2	
sec-Butylbenzene	8.64		"	10.0	ND	86.4	25.4-151		2.46	25.2	
Styrene	8.56		"	10.0	ND	85.6	74.1-134		3.81	20	
tert-Butylbenzene	9.50		"	10.0	ND	95.0	79.5-171		14.6	24.8	
Tetrachloroethylene	9.80		"	10.0	1.32	84.8	72.5-130		0.118	22.7	
Toluene	8.92		"	10.0	ND	89.2	77.8-121		3.07	21.5	
trans-1,2-Dichloroethylene	9.13		"	10.0	ND	91.3	83.8-140		3.57	20.1	
trans-1,3-Dichloropropylene	9.24		"	10.0	ND	92.4	74.9-136		1.86	22.5	
Trichloroethylene	9.07		"	10.0	0.150	89.2	84.4-125		2.00	20.7	
Trichlorofluoromethane	9.15		"	10.0	ND	91.5	78.7-127		1.73	24.7	
Vinyl Chloride	8.75		"	10.0	ND	87.5	72.1-116		0.114	24.9	
<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>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>81.2-127</i>				

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.

YORK

ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 12G0369

Page 1 of 1

Client Information		Report to:		Invoice To:		Client Project ID		Turn-Around Time		Report Type/Deliverables																					
Company: <u>LBG</u>	<u>SAME</u>	<u>SAME</u>	<u>Mark Goldberg</u>	<u>Rowe Industries</u>	<u>RUSH Same Day</u>	<u>Summary</u>	<u>x, pdf</u>																								
Address: <u>4 Research Drive,</u>	<u>Name:</u>	<u>Name:</u>	<u>Company:</u>	<u>Purchase Order no.</u>	<u>RUSH Next Day</u>	<u>QA/QC Summary</u>	<u>x, pdf</u>																								
<u>Suite 301, Shelton CT, 06484</u>	<u>Company:</u>	<u>Company:</u>	<u>Address:</u>	<u>NABSAG</u>	<u>RUSH Two Day</u>	<u>CT RCP Pkg</u>																									
Phone no.: <u>203-929-8555</u>	<u>Address:</u>	<u>Address:</u>	<u>Address:</u>		<u>RUSH Three Day</u>	<u>ASP A Pkg</u>																									
Contact Person <u>Tunde Sandor</u>	<u>E-mail:</u>	<u>E-mail:</u>	<u>E-mail:</u>		<u>RUSH Four Day</u>	<u>ASP B Pkg</u>	<u>x, pdf</u>																								
E-mail Addr.: <u>tsandor@lbgcl.com</u>	<u>Fax No.:</u>	<u>Fax No.:</u>	<u>Fax No.:</u>		<u>Standard (5-7 days)</u>	<u>Excel</u>																									
FAX No.: <u>203-926-9140</u>	<u>Fax No.:</u>	<u>Fax No.:</u>	<u>Fax No.:</u>		<u>OTHER</u>	<u>EDD</u>	<u>x, Excel</u>																								
Print Clearly and Legibly. All information must be complete. Samples will NOT be analyzed until the turn-around time also will not begin until any question by York is resolved. Samples Collected/Authorized By (Signature) <u>STEPHEN HNAT</u> Name (printed) <u>STEPHEN HNAT</u>				Choose Analyses Needed from the Menu Above and Enter Below				Special Instructions Field Filtered ☐ Lab to Filter ☐																							
Matrix Codes S - soil Other - specify (cat, etc.) W-W - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor				Volatiles 8260 full 624 STARS BTEX MTBE TOL TAGM Ketones Oxyarates TCPLP list Halog. App. IX 8021B list 5035				Semi-Volatiles 8270 or 625 STARS 8081Pest 815 Herb CT RCP App. IX PAH TAGM CT RCP TCPLP list TICs App. IX TCPLP BNA 608 PCB				Metals RCRA8 PPI3 TAL CTI5 Total Dissolved SPLP/TCPLP TCPLP Pest TCPLP Herb Chloride 608 Pest TCPLP BNA 608 PCB				Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 418.1 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium				Full Lists Pri. Poll. TCL Organs TAL MacCN Full TCLP Full App. IX Part 360 Reuse Part 360 Reuse Part 360 Reuse Part 360 Reuse NYCDEP Score NYCDEP Score TAGM				Miscellaneous Parameters Conductivity Reactivity Ignitability Flash Point Sieve Anal. Halocarbon TOX BTU/Lb Acidic Tox TOC Adhesives Silica				Color Phenols TKN Total Nitrogen Ammonia-N Chloride Phosphate Total Phos. COD OAR Grease E.O.G. pH MBAS TPH-IR			
Sample Identification				Date Sampled				Sample Matrix				Container Description(s)																			
<u>6WQ71012:1030NFI-1-2</u>				<u>7/10/12 1030</u>				<u>GW</u>				<u>2x</u>																			
<u>6WQ71012:1040NFI-1-4</u>				<u>1040</u>				<u>GW</u>																							
<u>6WQ71012:1040NFI-1-4MS</u>				<u>1040</u>				<u>GW</u>																							
<u>6WQ71012:1050NFI-1-4MSD</u>				<u>1050</u>				<u>GW</u>																							
<u>6WQ71012:1050NFI-1-6</u>				<u>1100</u>				<u>GW</u>																							
<u>6WQ71012:1035NFI-1-5</u>				<u>1035</u>				<u>GW</u>																							
<u>6WQ71012:109NFI-1-8</u>				<u>1109</u>				<u>GW</u>																							
<u>6WQ71012:1125NFI-1-9</u>				<u>1135</u>				<u>GW</u>																							
<u>6WQ71012:1220NFI-1-3</u>				<u>1220</u>				<u>GW</u>																							
Comments				Preservation "X" those applicable				Temperature on Receipt <u>41.5 °C</u>																							

Technical Report

prepared for:

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

Report Date: 07/25/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0370

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 07/25/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0370

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 12, 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.

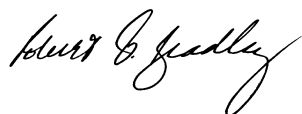
Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12G0370-01	WQ71012:1110FRW1	Water	07/10/2012	07/12/2012
12G0370-02	WQ71012:1115FRW2	Water	07/10/2012	07/12/2012
12G0370-03	WQ71012:1120FRW3	Water	07/10/2012	07/12/2012
12G0370-04	WQ71012:1125FRW4	Water	07/10/2012	07/12/2012

General Notes for York Project (SDG) No.: 12G0370

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
Executive Vice President / Laboratory Director

Date: 07/25/2012

YORK

Sample Information

Client Sample ID: WQ71012:1110FRW1

York Sample ID: 12G0370-01

York Project (SDG) No.

12G0370

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

July 10, 2012 11:10 am

Date Received

07/12/2012

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	07/13/2012 11:24	07/13/2012 17:08	SS
71-55-6	1,1,1-Trichloroethane	0.17	J	ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS

Sample Information

Client Sample ID: WQ71012:1110FRW1

York Sample ID: 12G0370-01

York Project (SDG) No.
12G0370

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:10 am

Date Received
07/12/2012

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	07/13/2012 11:24	07/13/2012 17:08	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
156-59-2	cis-1,2-Dichloroethylene	31		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
75-09-2	Methylene chloride	1.4	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
127-18-4	Tetrachloroethylene	21		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
79-01-6	Trichloroethylene	2.2		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	100 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	111 %	81.2-127								

Sample Information

Client Sample ID: WQ71012:1110FRW1

York Sample ID: 12G0370-01

<u>York Project (SDG) No.</u> 12G0370	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 10, 2012 11:10 am	<u>Date Received</u> 07/12/2012
--	---	------------------------	---	------------------------------------

Sample Information

Client Sample ID: WQ71012:1115FRW2

York Sample ID: 12G0370-02

<u>York Project (SDG) No.</u> 12G0370	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 10, 2012 11:15 am	<u>Date Received</u> 07/12/2012
--	---	------------------------	---	------------------------------------

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	07/13/2012 11:24	07/13/2012 17:53	SS
71-55-6	1,1,1-Trichloroethane	0.12	J	ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
71-43-2	Benzene	0.13	J	ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS

Sample Information

Client Sample ID: WQ71012:1115FRW2

York Sample ID: 12G0370-02

York Project (SDG) No.
12G0370

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:15 am

Date Received
07/12/2012

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	07/13/2012 11:24	07/13/2012 17:53	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
156-59-2	cis-1,2-Dichloroethylene	17		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
75-09-2	Methylene chloride	1.2	J	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
127-18-4	Tetrachloroethylene	40		ug/L	0.14	1.0	2	EPA SW846-8260B	07/13/2012 11:24	07/24/2012 16:12	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
79-01-6	Trichloroethylene	4.9		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS

Sample Information

Client Sample ID: WQ71012:1115FRW2

York Sample ID: 12G0370-02

York Project (SDG) No.
12G0370

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:15 am

Date Received
07/12/2012

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	0.70		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	96.6 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	108 %		81.2-127							

Sample Information

Client Sample ID: WQ71012:1120FRW3

York Sample ID: 12G0370-03

York Project (SDG) No.
12G0370

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:20 am

Date Received
07/12/2012

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	07/13/2012 11:24	07/13/2012 18:38	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
108-67-8	1,3,5-Trimethylbenzene	0.17	J	ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS

Sample Information

Client Sample ID: WQ71012:1120FRW3

York Sample ID: 12G0370-03

York Project (SDG) No.
12G0370

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:20 am

Date Received
07/12/2012

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	07/13/2012 11:24	07/13/2012 18:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
156-59-2	cis-1,2-Dichloroethylene	3.1		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
100-41-4	Ethyl Benzene	0.12	J	ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
98-82-8	Isopropylbenzene	1.8		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
75-09-2	Methylene chloride	1.2	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
91-20-3	Naphthalene	0.12	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
103-65-1	n-Propylbenzene	1.3		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
1330-20-7P/M	p- & m- Xylenes	0.14	J	ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
99-87-6	p-Isopropyltoluene	0.20	J	ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
135-98-8	sec-Butylbenzene	0.12	J	ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS

Sample Information

Client Sample ID: WQ71012:1120FRW3

York Sample ID: 12G0370-03

York Project (SDG) No.
12G0370

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:20 am

Date Received
07/12/2012

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
127-18-4	Tetrachloroethylene	23		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
108-88-3	Toluene	0.12	J	ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
79-01-6	Trichloroethylene	4.2		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
75-01-4	Vinyl Chloride	0.26	J	ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
1330-20-7	Xylenes, Total	0.14	J	ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	95.9 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	113 %		81.2-127							

Sample Information

Client Sample ID: WQ71012:1125FRW4

York Sample ID: 12G0370-04

York Project (SDG) No.
12G0370

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:25 am

Date Received
07/12/2012

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	07/13/2012 11:24	07/13/2012 19:22	SS
71-55-6	1,1,1-Trichloroethane	0.27	J	ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
87-61-6	1,2,3-Trichlorobenzene	0.39	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
120-82-1	1,2,4-Trichlorobenzene	0.23	J, B	ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS

Sample Information

Client Sample ID: WQ71012:1125FRW4

York Sample ID: 12G0370-04

York Project (SDG) No.
12G0370

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:25 am

Date Received
07/12/2012

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
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
156-59-2	cis-1,2-Dichloroethylene	4.7		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
98-82-8	Isopropylbenzene	0.11	J	ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
75-09-2	Methylene chloride	1.2	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
91-20-3	Naphthalene	1.9	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS

Sample Information

Client Sample ID: WQ71012:1125FRW4

York Sample ID: 12G0370-04

York Project (SDG) No.
12G0370

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 10, 2012 11:25 am

Date Received
07/12/2012

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
104-51-8	n-Butylbenzene	0.11	J	ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
95-47-6	o-Xylene	0.16	J	ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
1330-20-7P/M	p- & m- Xylenes	0.12	J	ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
127-18-4	Tetrachloroethylene	24		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
79-01-6	Trichloroethylene	3.8		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
1330-20-7	Xylenes, Total	0.28	J	ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.7 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	123 %	81.2-127								

Analytical Batch Summary

Batch ID: BG20598

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12G0370-01	WQ71012:1110FRW1	07/13/12
12G0370-03	WQ71012:1120FRW3	07/13/12
12G0370-04	WQ71012:1125FRW4	07/13/12
BG20598-BLK1	Blank	07/13/12
BG20598-BS1	LCS	07/13/12
BG20598-BSD1	LCS Dup	07/13/12

Batch ID: BG20990

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12G0370-02	WQ71012:1115FRW2	07/13/12
BG20990-BLK1	Blank	07/24/12
BG20990-BS1	LCS	07/24/12
BG20990-BSD1	LCS Dup	07/24/12

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

York Analytical Laboratories, Inc.

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

Batch BG20598 - EPA 5030B

Blank (BG20598-BLK1)

Prepared & Analyzed: 07/13/2012

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	1.0	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	0.63	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	0.67	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	3.0	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	2.8	2.0	"
Naphthalene	3.7	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 BG20598 - EPA 5030B											
Blank (BG20598-BLK1)						Prepared & Analyzed: 07/13/2012					
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>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.70</i>		<i>"</i>	<i>10.0</i>		<i>97.0</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>81.2-127</i>				
LCS (BG20598-BS1)						Prepared & Analyzed: 07/13/2012					
1,1,1,2-Tetrachloroethane	9.93		ug/L	10.0		99.3	82.3-130				
1,1,1-Trichloroethane	11.3		"	10.0		113	75.6-137				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	71.1-129				
1,1,2-Trichloroethane	10.5		"	10.0		105	74.5-129				
1,1-Dichloroethane	10.7		"	10.0		107	79.6-132				
1,1-Dichloroethylene	11.1		"	10.0		111	80.2-146				
1,1-Dichloropropylene	6.44		"	10.0		64.4	75-136	Low Bias			
1,2,3-Trichlorobenzene	9.60		"	10.0		96.0	66.1-136				
1,2,3-Trichloropropane	9.90		"	10.0		99.0	63-131				
1,2,4-Trichlorobenzene	9.23		"	10.0		92.3	70.6-136				
1,2,4-Trimethylbenzene	10.5		"	10.0		105	75.3-135				
1,2-Dibromo-3-chloropropane	9.91		"	10.0		99.1	58.9-140				
1,2-Dibromoethane	10.4		"	10.0		104	79-130				
1,2-Dichlorobenzene	9.76		"	10.0		97.6	76.1-122				
1,2-Dichloroethane	11.2		"	10.0		112	74.6-132				
1,2-Dichloropropane	9.99		"	10.0		99.9	76.9-129				
1,3,5-Trimethylbenzene	10.4		"	10.0		104	70.6-127				
1,3-Dichlorobenzene	9.94		"	10.0		99.4	77-124				
1,3-Dichloropropane	9.92		"	10.0		99.2	75.8-126				
1,4-Dichlorobenzene	9.92		"	10.0		99.2	76.6-125				
2,2-Dichloropropane	12.2		"	10.0		122	69-133				
2-Chlorotoluene	10.2		"	10.0		102	66.3-119				
2-Hexanone	9.22		"	10.0		92.2	70-130				
4-Chlorotoluene	10.4		"	10.0		104	69.2-127				
Acetone	9.79		"	10.0		97.9	70-130				
Benzene	10.4		"	10.0		104	76.2-129				
Bromobenzene	9.95		"	10.0		99.5	71.3-123				
Bromochloromethane	10.3		"	10.0		103	70.8-137				
Bromodichloromethane	10.9		"	10.0		109	79.7-134				
Bromoform	11.6		"	10.0		116	70.5-141				
Bromomethane	9.82		"	10.0		98.2	43.9-147				
Carbon tetrachloride	7.80		"	10.0		78.0	78.1-138	Low Bias			
Chlorobenzene	10.2		"	10.0		102	80.4-125				
Chloroethane	10.5		"	10.0		105	55.8-140				
Chloroform	10.8		"	10.0		108	76.6-133				
Chloromethane	11.1		"	10.0		111	48.8-115				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	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 BG20598 - EPA 5030B											
LCS (BG20598-BS1)						Prepared & Analyzed: 07/13/2012					
Dibromochloromethane	10.5		ug/L	10.0		105	79.8-134				
Dibromomethane	10.7		"	10.0		107	79-130				
Dichlorodifluoromethane	9.84		"	10.0		98.4	47.1-101				
Ethyl Benzene	11.3		"	10.0		113	80.8-128				
Hexachlorobutadiene	9.81		"	10.0		98.1	64.8-128				
Isopropylbenzene	11.2		"	10.0		112	75.5-135				
Methyl tert-butyl ether (MTBE)	9.96		"	10.0		99.6	65.1-140				
Methylene chloride	9.26		"	10.0		92.6	61.3-120				
Naphthalene	8.69		"	10.0		86.9	62.3-148				
n-Butylbenzene	10.4		"	10.0		104	67.2-123				
n-Propylbenzene	10.6		"	10.0		106	70.5-127				
o-Xylene	10.1		"	10.0		101	75.9-122				
p- & m- Xylenes	20.9		"	20.0		104	77.7-127				
p-Isopropyltoluene	10.3		"	10.0		103	75.6-129				
sec-Butylbenzene	10.4		"	10.0		104	71.5-125				
Styrene	9.84		"	10.0		98.4	77.8-123				
tert-Butylbenzene	10.3		"	10.0		103	75.9-151				
Tetrachloroethylene	10.6		"	10.0		106	63.6-167				
Toluene	10.3		"	10.0		103	77-123				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	76.3-139				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137				
Trichloroethylene	10.8		"	10.0		108	77.9-130				
Trichlorofluoromethane	11.4		"	10.0		114	57.4-133				
Vinyl Chloride	11.4		"	10.0		114	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.9</i>		<i>"</i>	<i>10.0</i>		<i>109</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>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</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 BG20598 - EPA 5030B											
LCS Dup (BG20598-BSD1)						Prepared & Analyzed: 07/13/2012					
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82.3-130		1.10	21.1	
1,1,1-Trichloroethane	10.7		"	10.0		107	75.6-137		5.91	19.7	
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	71.3-131		4.49	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.87		"	10.0		98.7	71.1-129		2.30	21.7	
1,1,2-Trichloroethane	10.3		"	10.0		103	74.5-129		1.82	20.3	
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132		5.19	20.6	
1,1-Dichloroethylene	10.6		"	10.0		106	80.2-146		4.99	20	
1,1-Dichloropropylene	7.36		"	10.0		73.6	75-136	Low Bias	13.3	19.3	
1,2,3-Trichlorobenzene	10.2		"	10.0		102	66.1-136		6.06	21.6	
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131		2.20	23.9	
1,2,4-Trichlorobenzene	9.33		"	10.0		93.3	70.6-136		1.08	21.7	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	75.3-135		2.80	18.8	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	58.9-140		3.18	27.7	
1,2-Dibromoethane	10.3		"	10.0		103	79-130		1.74	23	
1,2-Dichlorobenzene	9.54		"	10.0		95.4	76.1-122		2.28	19.8	
1,2-Dichloroethane	11.2		"	10.0		112	74.6-132		0.179	20.2	
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129		4.12	20.7	
1,3,5-Trimethylbenzene	9.96		"	10.0		99.6	70.6-127		4.32	18.9	
1,3-Dichlorobenzene	9.70		"	10.0		97.0	77-124		2.44	19.2	
1,3-Dichloropropane	9.89		"	10.0		98.9	75.8-126		0.303	22.1	
1,4-Dichlorobenzene	9.63		"	10.0		96.3	76.6-125		2.97	18.6	
2,2-Dichloropropane	11.4		"	10.0		114	69-133		7.21	19.8	
2-Chlorotoluene	9.84		"	10.0		98.4	66.3-119		3.40	21.6	
2-Hexanone	9.50		"	10.0		95.0	70-130		2.99	30	
4-Chlorotoluene	10.2		"	10.0		102	69.2-127		1.16	19	
Acetone	8.23		"	10.0		82.3	70-130		17.3	30	
Benzene	10.0		"	10.0		100	76.2-129		3.53	19	
Bromobenzene	9.83		"	10.0		98.3	71.3-123		1.21	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		2.06	23.9	
Bromodichloromethane	11.2		"	10.0		112	79.7-134		2.08	21	
Bromoform	10.6		"	10.0		106	70.5-141		9.39	21.8	
Bromomethane	10.2		"	10.0		102	43.9-147		4.29	28.4	
Carbon tetrachloride	9.09		"	10.0		90.9	78.1-138		15.3	20.1	
Chlorobenzene	10.3		"	10.0		103	80.4-125		1.85	19.9	
Chloroethane	9.77		"	10.0		97.7	55.8-140		7.58	23.3	
Chloroform	10.4		"	10.0		104	76.6-133		4.15	20.3	
Chloromethane	10.6		"	10.0		106	48.8-115		4.14	24.5	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	75.1-128		4.38	20.5	
cis-1,3-Dichloropropylene	11.2		"	10.0		112	74.5-128		5.22	19.9	
Dibromochloromethane	10.6		"	10.0		106	79.8-134		0.760	21.3	
Dibromomethane	11.0		"	10.0		110	79-130		2.85	22.4	
Dichlorodifluoromethane	9.68		"	10.0		96.8	47.1-101		1.64	23.9	
Ethyl Benzene	11.4		"	10.0		114	80.8-128		0.442	19.2	
Hexachlorobutadiene	9.96		"	10.0		99.6	64.8-128		1.52	20.6	
Isopropylbenzene	11.0		"	10.0		110	75.5-135		2.70	20	
Methyl tert-butyl ether (MTBE)	9.05		"	10.0		90.5	65.1-140		9.57	23.6	
Methylene chloride	9.39		"	10.0		93.9	61.3-120		1.39	20.4	
Naphthalene	9.91		"	10.0		99.1	62.3-148		13.1	27.1	
n-Butylbenzene	10.2		"	10.0		102	67.2-123		2.04	19.1	
n-Propylbenzene	10.3		"	10.0		103	70.5-127		3.24	23.4	
o-Xylene	10.1		"	10.0		101	75.9-122		0.397	19.3	
p- & m- Xylenes	21.3		"	20.0		107	77.7-127		2.04	18.6	
p-Isopropyltoluene	10.0		"	10.0		100	75.6-129		3.14	19.1	
sec-Butylbenzene	10.1		"	10.0		101	71.5-125		3.61	18.9	

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

York Analytical Laboratories, Inc.

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

Batch BG20598 - EPA 5030B

LCS Dup (BG20598-BSD1)

Prepared & Analyzed: 07/13/2012

Styrene	10.0		ug/L	10.0		100	77.8-123		2.01	20.9	
tert-Butylbenzene	10.0		"	10.0		100	75.9-151		2.85	20.9	
Tetrachloroethylene	10.5		"	10.0		105	63.6-167		1.05	27.7	
Toluene	10.4		"	10.0		104	77-123		1.45	18.7	
trans-1,2-Dichloroethylene	10.3		"	10.0		103	76.3-139		1.64	19.5	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137		2.10	19.3	
Trichloroethylene	11.0		"	10.0		110	77.9-130		1.46	20.5	
Trichlorofluoromethane	11.0		"	10.0		110	57.4-133		3.29	21.4	
Vinyl Chloride	10.7		"	10.0		107	54.9-124		6.08	22.3	
<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>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</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>				

Batch BG20990 - EPA 5030B

Blank (BG20990-BLK1)

Prepared & Analyzed: 07/24/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"

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

York Analytical Laboratories, Inc.

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

Batch BG20990 - EPA 5030B

Blank (BG20990-BLK1)

Prepared & Analyzed: 07/24/2012

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	0.64	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	"								
<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>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</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 BG20990 - EPA 5030B											
LCS (BG20990-BS1)				Prepared & Analyzed: 07/24/2012							
1,1,1,2-Tetrachloroethane	9.32		ug/L	10.0		93.2	82.3-130				
1,1,1-Trichloroethane	9.69		"	10.0		96.9	75.6-137				
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.79		"	10.0		87.9	71.1-129				
1,1,2-Trichloroethane	9.18		"	10.0		91.8	74.5-129				
1,1-Dichloroethane	9.74		"	10.0		97.4	79.6-132				
1,1-Dichloroethylene	9.90		"	10.0		99.0	80.2-146				
1,1-Dichloropropylene	9.34		"	10.0		93.4	75-136				
1,2,3-Trichlorobenzene	8.05		"	10.0		80.5	66.1-136				
1,2,3-Trichloropropane	10.6		"	10.0		106	63-131				
1,2,4-Trichlorobenzene	7.93		"	10.0		79.3	70.6-136				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	75.3-135				
1,2-Dibromo-3-chloropropane	9.23		"	10.0		92.3	58.9-140				
1,2-Dibromoethane	9.44		"	10.0		94.4	79-130				
1,2-Dichlorobenzene	9.22		"	10.0		92.2	76.1-122				
1,2-Dichloroethane	9.80		"	10.0		98.0	74.6-132				
1,2-Dichloropropane	9.43		"	10.0		94.3	76.9-129				
1,3,5-Trimethylbenzene	9.75		"	10.0		97.5	70.6-127				
1,3-Dichlorobenzene	9.49		"	10.0		94.9	77-124				
1,3-Dichloropropane	9.19		"	10.0		91.9	75.8-126				
1,4-Dichlorobenzene	9.42		"	10.0		94.2	76.6-125				
2,2-Dichloropropane	10.2		"	10.0		102	69-133				
2-Chlorotoluene	9.93		"	10.0		99.3	66.3-119				
2-Hexanone	8.11		"	10.0		81.1	70-130				
4-Chlorotoluene	9.96		"	10.0		99.6	69.2-127				
Acetone	6.38		"	10.0		63.8	70-130	Low Bias			
Benzene	9.14		"	10.0		91.4	76.2-129				
Bromobenzene	9.97		"	10.0		99.7	71.3-123				
Bromochloromethane	9.19		"	10.0		91.9	70.8-137				
Bromodichloromethane	9.95		"	10.0		99.5	79.7-134				
Bromoform	10.5		"	10.0		105	70.5-141				
Bromomethane	8.97		"	10.0		89.7	43.9-147				
Carbon tetrachloride	9.81		"	10.0		98.1	78.1-138				
Chlorobenzene	9.52		"	10.0		95.2	80.4-125				
Chloroethane	9.30		"	10.0		93.0	55.8-140				
Chloroform	9.40		"	10.0		94.0	76.6-133				
Chloromethane	9.61		"	10.0		96.1	48.8-115				
cis-1,2-Dichloroethylene	9.47		"	10.0		94.7	75.1-128				
cis-1,3-Dichloropropylene	9.80		"	10.0		98.0	74.5-128				
Dibromochloromethane	9.62		"	10.0		96.2	79.8-134				
Dibromomethane	9.32		"	10.0		93.2	79-130				
Dichlorodifluoromethane	8.18		"	10.0		81.8	47.1-101				
Ethyl Benzene	10.2		"	10.0		102	80.8-128				
Hexachlorobutadiene	8.24		"	10.0		82.4	64.8-128				
Isopropylbenzene	10.8		"	10.0		108	75.5-135				
Methyl tert-butyl ether (MTBE)	7.92		"	10.0		79.2	65.1-140				
Methylene chloride	6.19		"	10.0		61.9	61.3-120				
Naphthalene	8.21		"	10.0		82.1	62.3-148				
n-Butylbenzene	9.49		"	10.0		94.9	67.2-123				
n-Propylbenzene	10.2		"	10.0		102	70.5-127				
o-Xylene	9.19		"	10.0		91.9	75.9-122				
p- & m- Xylenes	19.1		"	20.0		95.3	77.7-127				
p-Isopropyltoluene	9.60		"	10.0		96.0	75.6-129				
sec-Butylbenzene	9.69		"	10.0		96.9	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 BG20990 - EPA 5030B

LCS (BG20990-BS1)

Prepared & Analyzed: 07/24/2012

Styrene	9.05		ug/L	10.0		90.5	77.8-123				
tert-Butylbenzene	10.9		"	10.0		109	75.9-151				
Tetrachloroethylene	9.88		"	10.0		98.8	63.6-167				
Toluene	9.60		"	10.0		96.0	77-123				
trans-1,2-Dichloroethylene	9.96		"	10.0		99.6	76.3-139				
trans-1,3-Dichloropropylene	9.35		"	10.0		93.5	72.5-137				
Trichloroethylene	9.88		"	10.0		98.8	77.9-130				
Trichlorofluoromethane	9.80		"	10.0		98.0	57.4-133				
Vinyl Chloride	9.51		"	10.0		95.1	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>10.8</i>		<i>"</i>	<i>10.0</i>		<i>108</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>81.2-127</i>				

LCS Dup (BG20990-BS1)

Prepared & Analyzed: 07/24/2012

1,1,1,2-Tetrachloroethane	9.46		ug/L	10.0		94.6	82.3-130		1.49	21.1	
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137		6.59	19.7	
1,1,2,2-Tetrachloroethane	8.94		"	10.0		89.4	71.3-131		11.8	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.40		"	10.0		94.0	71.1-129		6.71	21.7	
1,1,2-Trichloroethane	9.07		"	10.0		90.7	74.5-129		1.21	20.3	
1,1-Dichloroethane	9.85		"	10.0		98.5	79.6-132		1.12	20.6	
1,1-Dichloroethylene	10.3		"	10.0		103	80.2-146		4.35	20	
1,1-Dichloropropylene	10.1		"	10.0		101	75-136		8.12	19.3	
1,2,3-Trichlorobenzene	8.99		"	10.0		89.9	66.1-136		11.0	21.6	
1,2,3-Trichloropropane	9.40		"	10.0		94.0	63-131		12.0	23.9	
1,2,4-Trichlorobenzene	8.70		"	10.0		87.0	70.6-136		9.26	21.7	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	75.3-135		3.13	18.8	
1,2-Dibromo-3-chloropropane	8.69		"	10.0		86.9	58.9-140		6.03	27.7	
1,2-Dibromoethane	9.14		"	10.0		91.4	79-130		3.23	23	
1,2-Dichlorobenzene	9.34		"	10.0		93.4	76.1-122		1.29	19.8	
1,2-Dichloroethane	9.83		"	10.0		98.3	74.6-132		0.306	20.2	
1,2-Dichloropropane	9.45		"	10.0		94.5	76.9-129		0.212	20.7	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	70.6-127		3.23	18.9	
1,3-Dichlorobenzene	9.52		"	10.0		95.2	77-124		0.316	19.2	
1,3-Dichloropropane	8.72		"	10.0		87.2	75.8-126		5.25	22.1	
1,4-Dichlorobenzene	9.32		"	10.0		93.2	76.6-125		1.07	18.6	
2,2-Dichloropropane	10.8		"	10.0		108	69-133		5.23	19.8	
2-Chlorotoluene	10.2		"	10.0		102	66.3-119		2.78	21.6	
2-Hexanone	6.93		"	10.0		69.3	70-130	Low Bias	15.7	30	
4-Chlorotoluene	10.0		"	10.0		100	69.2-127		0.800	19	
Acetone	6.09		"	10.0		60.9	70-130	Low Bias	4.65	30	
Benzene	9.67		"	10.0		96.7	76.2-129		5.64	19	
Bromobenzene	9.58		"	10.0		95.8	71.3-123		3.99	20.3	
Bromochloromethane	9.09		"	10.0		90.9	70.8-137		1.09	23.9	
Bromodichloromethane	9.88		"	10.0		98.8	79.7-134		0.706	21	
Bromoform	10.0		"	10.0		100	70.5-141		5.06	21.8	
Bromomethane	9.79		"	10.0		97.9	43.9-147		8.74	28.4	
Carbon tetrachloride	10.5		"	10.0		105	78.1-138		7.17	20.1	
Chlorobenzene	9.83		"	10.0		98.3	80.4-125		3.20	19.9	
Chloroethane	9.58		"	10.0		95.8	55.8-140		2.97	23.3	
Chloroform	9.70		"	10.0		97.0	76.6-133		3.14	20.3	
Chloromethane	9.99		"	10.0		99.9	48.8-115		3.88	24.5	
cis-1,2-Dichloroethylene	9.49		"	10.0		94.9	75.1-128		0.211	20.5	
cis-1,3-Dichloropropylene	9.58		"	10.0		95.8	74.5-128		2.27	19.9	
Dibromochloromethane	9.29		"	10.0		92.9	79.8-134		3.49	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 BG20990 - EPA 5030B											
LCS Dup (BG20990-BSD1)						Prepared & Analyzed: 07/24/2012					
Dibromomethane	9.55		ug/L	10.0		95.5	79-130		2.44	22.4	
Dichlorodifluoromethane	8.81		"	10.0		88.1	47.1-101		7.42	23.9	
Ethyl Benzene	10.8		"	10.0		108	80.8-128		5.69	19.2	
Hexachlorobutadiene	9.76		"	10.0		97.6	64.8-128		16.9	20.6	
Isopropylbenzene	11.0		"	10.0		110	75.5-135		2.48	20	
Methyl tert-butyl ether (MTBE)	7.56		"	10.0		75.6	65.1-140		4.65	23.6	
Methylene chloride	6.25		"	10.0		62.5	61.3-120		0.965	20.4	
Naphthalene	8.88		"	10.0		88.8	62.3-148		7.84	27.1	
n-Butylbenzene	10.2		"	10.0		102	67.2-123		7.11	19.1	
n-Propylbenzene	10.4		"	10.0		104	70.5-127		2.14	23.4	
o-Xylene	9.70		"	10.0		97.0	75.9-122		5.40	19.3	
p- & m- Xylenes	20.1		"	20.0		100	77.7-127		5.31	18.6	
p-Isopropyltoluene	10.3		"	10.0		103	75.6-129		6.65	19.1	
sec-Butylbenzene	10.3		"	10.0		103	71.5-125		6.01	18.9	
Styrene	9.40		"	10.0		94.0	77.8-123		3.79	20.9	
tert-Butylbenzene	11.3		"	10.0		113	75.9-151		3.88	20.9	
Tetrachloroethylene	10.2		"	10.0		102	63.6-167		2.99	27.7	
Toluene	9.86		"	10.0		98.6	77-123		2.67	18.7	
trans-1,2-Dichloroethylene	10.6		"	10.0		106	76.3-139		5.75	19.5	
trans-1,3-Dichloropropylene	9.13		"	10.0		91.3	72.5-137		2.38	19.3	
Trichloroethylene	10.5		"	10.0		105	77.9-130		6.27	20.5	
Trichlorofluoromethane	10.5		"	10.0		105	57.4-133		6.52	21.4	
Vinyl Chloride	10.0		"	10.0		100	54.9-124		5.22	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.93</i>		<i>"</i>	<i>10.0</i>		<i>99.3</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>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>81.2-127</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.
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.

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

Field Chain-of-Custody Record

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

York Project No. 12G0370

Page 7 of 7

Client Information			Report to:		Invoice To:		Client Project ID		Turn-Around Time		Report Type/Deliverables					
Company: LBG Address: 4 Research Drive, Suite 301, Shelton CT, 06484 Phone no.: 203-929-8555 Contact Person Tunde Sandor E-mail Addr.: tsandor@lbgl.com FAX No.: 203-926-9140	Name: Tunde Sandor Company: Same Address: E-mail: Fax No.: 	SAME Name: Mark Goldberg Company: Same Address: E-mail: Fax No.: 			SAME Name: Mark Goldberg Company: Same Address: E-mail: Fax No.: 		Rowe Industries Purchase Order no. NABSAG		RUSH Same Day RUSH Next Day RUSH Two Day RUSH Three Day RUSH Four Day Standard (5-7 days) X OTHER	Summary QA/QC Summary CT RCP Pkg ASP A Pkg ASP B Pkg Excel EDD	x, pdf x, pdf x, pdf x, Excel					
Print Clearly and Legibly - All information must be complete. Samples will NOT be analyzed if all the turn-around time slots will not begin until many questions by York are resolved.  Samples Collected/Authorized By (Signature) STEPHEN HNAT Name (printed)			Matrix Codes S = soil Other - specify (oil etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles 8260 full TICs 624 Site Spec. STARS SPLP or TCLP BBN Only BTX Benzene MTBE Nussau Co. TCL list Suffolk Co. TAGM Ketones CT RCP Oxygenates Arom. TCLP list Halog. 524.2 App IX 502.2 8021B list 5035		Semi-Vols Peak Count Metals 8270 & 625 STARS 8081 PCB PP13 8081 Pest TAL CT RCP CT15 Acids Only Total PAH App IX TAGM Site Spec. SPLP or TCLP Dissolved CT RCP CT RCP TCL list TCLP Herb TICs Hg, Pb, As, Cu App IX Chloridate SPLP or TCLP 608 Pest TCLP BNA 608 PCB Na, Mn, Al, Cd, Ni		Misc. Org. Full Lixs Miscellaneous Parameters TPH GRO TPH DRO CT ETPH NY 310-13 TPH 418.1 Full App IX Part 360 metals Air TO14A Air TO15 Air STARS TCLP Pest Inerts Metals Hg, Pb, As, Cu Air VPH Chloridate App IX SPLP or TCLP 608 Pest TCLP BNA 608 PCB Na, Mn, Al, Cd, Ni		Conductivity Nitrate Phenols TKN Cyanide-T Tit-Nitrogen Ammonia-N BOD5 Chloride Phosphate COD Tot. Phos. Oil/Grease TOC FOG pH TDS TP1-IR		Special Instructions Field Filtered ☐ Lab to Filter ☐		Container Description(s) Zv ↓ ↑	
			Sample Matrix		Date Sampled		Choose Analyses Needed from the Menu Above and Enter Below									
WQ71012: 1110FRW1	GW	7/10/12	1110	VOC 8260 full list (EPA SW846-8260B)												
WQ71012: 1115FRW2	GW	↓	1115	VOC 8260 full list (EPA SW846-8260B)												
WQ71012: 1120FRW3	GW	↑	1120	VOC 8260 full list (EPA SW846-8260B)												
WQ71012: 1125FRW4	GW	↓	1125	VOC 8260 full list (EPA SW846-8260B)												
	GW			VOC 8260 full list (EPA SW846-8260B)												
	GW			VOC 8260 full list (EPA SW846-8260B)												
	GW			VOC 8260 full list (EPA SW846-8260B)												
	GW			VOC 8260 full list (EPA SW846-8260B)												
	GW			VOC 8260 full list (EPA SW846-8260B)												
Comments			Cool 4°C HNO3 H2SO4 NaOH NONE FROZEN		Temperature on Receipt 4.5 °C											
Preservation "X" those applicable			Samples Relinquished By Date/Time		Samples Received By Date/Time											
			Samples Relinquished By Date/Time		Samples Received In LAB by Date/Time											

APPENDIX III
JULY 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 Sandor

Report Date: 08/02/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0774

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 08/02/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0774

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 26, 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>
12G0774-01	AQ072512:1300NP4-1	Vapor Extraction	07/25/2012	07/26/2012
12G0774-02	AQ072512:1310NP4-2	Vapor Extraction	07/25/2012	07/26/2012
12G0774-03	AQ072512:1320NP4-3	Vapor Extraction	07/25/2012	07/26/2012

General Notes for York Project (SDG) No.: 12G0774

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

Approved By:



Date: 08/02/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: AQ072512:1300NP4-1

York Sample ID: 12G0774-01

York Project (SDG) No.

12G0774

Client Project ID

Rowe Industries

Matrix

Vapor Extraction

Collection Date/Time

July 25, 2012 1:00 pm

Date Received

07/26/2012

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
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.17	0.96	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.29	1.2	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.094	1.3	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.24	0.96	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.085	0.71	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.10	0.70	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.29	1.3	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.10	4.3	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.3	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.26	1.1	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.17	0.71	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.18	0.81	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.21	1.2	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.11	1.7	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.11	0.76	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.19	1.1	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.23	1.1	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.57	6.3	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
78-93-3	2-Butanone	6.1		ug/m ³	0.21	0.52	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
591-78-6	2-Hexanone	ND		ug/m ³	0.40	1.4	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.26	0.72	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
67-64-1	Acetone	18	B	ug/m ³	0.13	0.42	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
71-43-2	Benzene	ND		ug/m ³	0.084	0.56	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
100-44-7	Benzyl chloride	ND		ug/m ³	0.11	0.91	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-27-4	Bromodichloromethane	ND		ug/m ³	0.26	1.1	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-25-2	Bromoform	ND		ug/m ³	0.33	1.8	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
74-83-9	Bromomethane	ND		ug/m ³	0.082	0.68	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-15-0	Carbon disulfide	1.1		ug/m ³	0.066	0.55	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.13	0.55	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
108-90-7	Chlorobenzene	ND		ug/m ³	0.15	0.81	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-00-3	Chloroethane	ND		ug/m ³	0.056	0.46	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
67-66-3	Chloroform	ND		ug/m ³	0.13	0.86	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
74-87-3	Chloromethane	1.1		ug/m ³	0.11	0.36	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.12	0.70	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD

Sample Information

Client Sample ID: AQ072512:1300NP4-1

York Sample ID: 12G0774-01

York Project (SDG) No.
12G0774

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
July 25, 2012 1:00 pm

Date Received
07/26/2012

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.20	0.80	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
110-82-7	Cyclohexane	ND		ug/m ³	0.073	0.60	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.4	1.4	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-71-8	Dichlorodifluoromethane	1.6		ug/m ³	0.22	0.87	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
141-78-6	Ethyl acetate	ND		ug/m ³	0.16	0.63	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.14	0.76	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.34	1.9	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
67-63-0	Isopropanol	6.7		ug/m ³	0.15	0.43	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.72	0.72	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.076	0.63	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-09-2	Methylene chloride	1.9	B	ug/m ³	0.15	0.61	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
142-82-5	n-Heptane	ND		ug/m ³	0.086	0.72	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
110-54-3	n-Hexane	0.99		ug/m ³	0.074	0.62	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
95-47-6	o-Xylene	ND		ug/m ³	0.14	0.76	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m ³	0.26	0.76	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
622-96-8	p-Ethyltoluene	ND		ug/m ³	0.16	4.3	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
115-07-01	Propylene	ND		ug/m ³	0.14	0.30	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
100-42-5	Styrene	ND		ug/m ³	0.13	0.75	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.14	1.2	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
109-99-9	Tetrahydrofuran	ND		ug/m ³	0.13	0.52	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
108-88-3	Toluene	ND		ug/m ³	0.16	0.66	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.084	0.70	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.14	0.80	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
79-01-6	Trichloroethylene	ND		ug/m ³	0.11	0.47	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	0.059	0.99	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
108-05-4	Vinyl acetate	ND		ug/m ³	0.093	1.2	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.11	0.90	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	93.0 %	70-130								

Sample Information

Client Sample ID: AQ072512:1310NP4-2

York Sample ID: 12G0774-02

York Project (SDG) No.
12G0774

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
July 25, 2012 1:10 pm

Date Received
07/26/2012

Sample Information

Client Sample ID: AQ072512:1310NP4-2

York Sample ID: 12G0774-02

York Project (SDG) No.
12G0774

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
July 25, 2012 1:10 pm

Date Received
07/26/2012

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
71-55-6	1,1,1-Trichloroethane	15		ug/m ³	0.19	1.0	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.32	1.3	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.10	1.5	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.26	1.0	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-34-3	1,1-Dichloroethane	7.2		ug/m ³	0.093	0.77	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.11	0.76	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.31	1.4	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.11	4.7	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.5	1.5	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.29	1.2	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.19	0.77	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.19	0.88	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.23	1.3	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.12	1.9	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.12	0.83	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.21	1.2	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.25	1.2	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.62	6.9	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
78-93-3	2-Butanone	3.3		ug/m ³	0.23	0.56	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
591-78-6	2-Hexanone	ND		ug/m ³	0.43	1.6	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.28	0.78	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
67-64-1	Acetone	23	B	ug/m ³	0.14	0.45	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
71-43-2	Benzene	ND		ug/m ³	0.092	0.61	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
100-44-7	Benzyl chloride	ND		ug/m ³	0.12	0.99	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-27-4	Bromodichloromethane	ND		ug/m ³	0.29	1.2	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-25-2	Bromoform	ND		ug/m ³	0.36	2.0	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
74-83-9	Bromomethane	ND		ug/m ³	0.089	0.74	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-15-0	Carbon disulfide	1.5		ug/m ³	0.071	0.60	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.14	0.60	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
108-90-7	Chlorobenzene	ND		ug/m ³	0.16	0.88	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-00-3	Chloroethane	ND		ug/m ³	0.061	0.50	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
67-66-3	Chloroform	3.4		ug/m ³	0.14	0.93	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
74-87-3	Chloromethane	ND		ug/m ³	0.12	0.40	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
156-59-2	cis-1,2-Dichloroethylene	1.6		ug/m ³	0.13	0.76	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.22	0.87	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD

Sample Information

Client Sample ID: AQ072512:1310NP4-2

York Sample ID: 12G0774-02

York Project (SDG) No.
12G0774

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
July 25, 2012 1:10 pm

Date Received
07/26/2012

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
110-82-7	Cyclohexane	ND		ug/m ³	0.079	0.66	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.5	1.5	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-71-8	Dichlorodifluoromethane	1.0		ug/m ³	0.24	0.95	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
141-78-6	Ethyl acetate	ND		ug/m ³	0.17	0.69	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.15	0.83	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.37	2.0	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
67-63-0	Isopropanol	5.3		ug/m ³	0.16	0.47	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.78	0.78	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.083	0.69	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-09-2	Methylene chloride	1.5	B	ug/m ³	0.16	0.66	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
142-82-5	n-Heptane	ND		ug/m ³	0.094	0.78	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
110-54-3	n-Hexane	ND		ug/m ³	0.081	0.67	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
95-47-6	o-Xylene	ND		ug/m ³	0.15	0.83	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m ³	0.28	0.83	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
622-96-8	p-Ethyltoluene	ND		ug/m ³	0.17	4.7	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
115-07-01	Propylene	ND		ug/m ³	0.15	0.33	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
100-42-5	Styrene	ND		ug/m ³	0.15	0.81	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
127-18-4	Tetrachloroethylene	38		ug/m ³	0.16	1.3	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
109-99-9	Tetrahydrofuran	ND		ug/m ³	0.14	0.56	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
108-88-3	Toluene	ND		ug/m ³	0.17	0.72	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.091	0.76	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.16	0.87	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
79-01-6	Trichloroethylene	1.7		ug/m ³	0.12	0.51	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	0.064	1.1	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
108-05-4	Vinyl acetate	ND		ug/m ³	0.10	1.3	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.12	0.98	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	100 %	70-130								

Sample Information

Client Sample ID: AQ072512:1320NP4-3

York Sample ID: 12G0774-03

York Project (SDG) No.
12G0774

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
July 25, 2012 1:20 pm

Date Received
07/26/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: AQ072512:1320NP4-3

York Sample ID: 12G0774-03

York Project (SDG) No.
12G0774

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
July 25, 2012 1:20 pm

Date Received
07/26/2012

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
71-55-6	1,1,1-Trichloroethane	9.0		ug/m ³	0.17	0.93	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.28	1.2	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 114)	4.8		ug/m ³	0.092	1.3	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.23	0.93	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-34-3	1,1-Dichloroethane	8.6		ug/m ³	0.083	0.69	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-35-4	1,1-Dichloroethylene	0.88		ug/m ³	0.10	0.68	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.28	1.3	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.10	4.2	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.3	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.26	1.0	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.17	0.69	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.17	0.79	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.20	1.2	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.11	1.7	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.11	0.74	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.18	1.0	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.23	1.0	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.55	6.2	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
78-93-3	2-Butanone	4.8		ug/m ³	0.20	0.50	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
591-78-6	2-Hexanone	ND		ug/m ³	0.38	1.4	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.25	0.70	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
67-64-1	Acetone	34	B	ug/m ³	0.13	0.41	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
71-43-2	Benzene	0.87		ug/m ³	0.082	0.55	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
100-44-7	Benzyl chloride	ND		ug/m ³	0.11	0.88	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-27-4	Bromodichloromethane	ND		ug/m ³	0.25	1.1	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-25-2	Bromoform	ND		ug/m ³	0.32	1.8	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
74-83-9	Bromomethane	ND		ug/m ³	0.080	0.66	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-15-0	Carbon disulfide	1.3		ug/m ³	0.064	0.53	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.13	0.54	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
108-90-7	Chlorobenzene	ND		ug/m ³	0.14	0.79	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-00-3	Chloroethane	ND		ug/m ³	0.054	0.45	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
67-66-3	Chloroform	3.6		ug/m ³	0.13	0.83	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
74-87-3	Chloromethane	1.0		ug/m ³	0.11	0.35	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.12	0.68	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.19	0.78	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
110-82-7	Cyclohexane	ND		ug/m ³	0.071	0.59	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD

Sample Information

Client Sample ID: AQ072512:1320NP4-3

York Sample ID: 12G0774-03

York Project (SDG) No.
12G0774

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
July 25, 2012 1:20 pm

Date Received
07/26/2012

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
124-48-1	Dibromochloromethane	ND		ug/m ³	1.4	1.4	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-71-8	Dichlorodifluoromethane	1.8		ug/m ³	0.21	0.84	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
141-78-6	Ethyl acetate	ND		ug/m ³	0.15	0.62	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.13	0.74	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.33	1.8	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
67-63-0	Isopropanol	2.4		ug/m ³	0.15	0.42	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.70	0.70	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.074	0.61	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-09-2	Methylene chloride	53	B	ug/m ³	0.14	0.59	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
142-82-5	n-Heptane	ND		ug/m ³	0.084	0.70	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
110-54-3	n-Hexane	20		ug/m ³	0.072	0.60	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
95-47-6	o-Xylene	ND		ug/m ³	0.13	0.74	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m ³	0.25	0.74	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
622-96-8	p-Ethyltoluene	ND		ug/m ³	0.15	4.2	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
115-07-01	Propylene	ND		ug/m ³	0.14	0.29	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
100-42-5	Styrene	ND		ug/m ³	0.13	0.73	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.14	1.2	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
109-99-9	Tetrahydrofuran	1.4		ug/m ³	0.13	0.50	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
108-88-3	Toluene	ND		ug/m ³	0.15	0.64	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.081	0.68	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.14	0.78	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
79-01-6	Trichloroethylene	ND		ug/m ³	0.11	0.46	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-69-4	Trichlorofluoromethane (Freon 11)	2.4		ug/m ³	0.058	0.96	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
108-05-4	Vinyl acetate	ND		ug/m ³	0.090	1.2	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.10	0.87	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	70-130								

Analytical Batch Summary

Batch ID: BG21278

Preparation Method: EPA TO15 PREP

Prepared By: TD

YORK Sample ID	Client Sample ID	Preparation Date
12G0774-01	AQ072512:1300NP4-1	07/27/12
12G0774-02	AQ072512:1310NP4-2	07/27/12
12G0774-03	AQ072512:1320NP4-3	07/27/12
BG21278-BLK1	Blank	07/27/12
BG21278-BS1	LCS	07/27/12
BG21278-DUP1	Duplicate	07/27/12

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

York Analytical Laboratories, Inc.

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

Batch BG21278 - EPA TO15 PREP

Blank (BG21278-BLK1)

Prepared & Analyzed: 07/27/2012

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	0.46	0.35	"
Methyl tert-butyl ether (MTBE)	ND	0.37	"
4-Methyl-2-pentanone	ND	0.42	"
Isopropanol	ND	0.25	"
Hexachlorobutadiene	ND	1.1	"
Ethyl Benzene	ND	0.44	"
Ethyl acetate	ND	0.37	"
Cyclohexane	ND	0.35	"
cis-1,3-Dichloropropylene	ND	0.46	"
cis-1,2-Dichloroethylene	ND	0.40	"
Chloromethane	ND	0.21	"
Chloroform	ND	0.50	"
Chloroethane	ND	0.27	"
Carbon tetrachloride	ND	0.32	"
Carbon disulfide	ND	0.32	"
Bromomethane	ND	0.39	"
Bromoform	ND	1.1	"
Bromodichloromethane	ND	0.63	"
Benzyl chloride	ND	0.53	"
Benzene	ND	0.32	"
Acetone	0.24	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 BG21278 - EPA TO15 PREP											
Blank (BG21278-BLK1)						Prepared & Analyzed: 07/27/2012					
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>8.50</i>		<i>ppbv</i>	<i>10.0</i>		<i>85.0</i>	<i>70-130</i>				
LCS (BG21278-BS1)						Prepared & Analyzed: 07/27/2012					
Vinyl Chloride	8.73		ppbv	10.1		86.4	70-130				
Vinyl acetate	9.74		"	9.70		100	58.1-135				
Trichloroethylene	9.55		"	10.2		93.6	70-130				
trans-1,3-Dichloropropylene	10.4		"	9.90		105	62-135				
trans-1,2-Dichloroethylene	8.56		"	9.50		90.1	58.3-130				
Toluene	11.0		"	10.8		101	64.9-126				
Tetrahydrofuran	12.1		"	10.2		119	44.6-146				
Tetrachloroethylene	9.74		"	10.5		92.8	70-130				
Styrene	13.1		"	10.7		122	66.4-132				
Propylene	8.97		"	11.0		81.5	62.4-150				
p-Ethyltoluene	11.6		"	10.4		111	73.8-146				
p- & m- Xylenes	22.6		"	21.0		107	56.6-136				
o-Xylene	12.0		"	10.8		111	67.8-133				
n-Hexane	10.4		"	10.3		101	59.7-130				
n-Heptane	10.6		"	10.4		102	62.3-134				
Methylene chloride	8.18		"	10.0		81.8	62.6-130				
Methyl tert-butyl ether (MTBE)	9.56		"	10.2		93.7	60.7-139				
4-Methyl-2-pentanone	13.1		"	10.0		131	64.5-158				
Isopropanol	11.1		"	9.90		113	60-150				
Hexachlorobutadiene	12.0		"	11.0		109	61.2-150				
Ethyl Benzene	10.9		"	10.7		102	68.4-125				
Ethyl acetate	10.8		"	10.0		108	40.6-150				
Cyclohexane	10.1		"	10.2		98.8	60.4-127				
cis-1,3-Dichloropropylene	11.2		"	10.7		105	65.5-129				
cis-1,2-Dichloroethylene	9.07		"	10.5		86.4	51.3-118				
Chloromethane	8.68		"	10.1		85.9	64.9-130				
Chloroform	7.88		"	10.0		78.8	65.1-130				
Chloroethane	9.00		"	10.1		89.1	52.1-131				
Carbon tetrachloride	7.50		"	10.1		74.3	70-130				
Carbon disulfide	8.75		"	10.0		87.5	61.8-111				
Bromomethane	8.08		"	10.2		79.2	60.1-140				
Bromoform	11.6		"	10.5		111	58.7-150				
Bromodichloromethane	9.60		"	10.2		94.1	65.3-127				
Benzyl chloride	11.3		"	10.2		111	62.5-150				
Benzene	9.69		"	10.4		93.2	69.5-130				
Acetone	9.83		"	10.0		98.3	55.3-133				
2-Hexanone	14.9		"	10.1		147	52-150				
2-Butanone	11.0		"	10.0		110	28.5-154				
1,4-Dioxane	16.2		"	10.2		159	50-150	High Bias			
1,4-Dichlorobenzene	12.6		"	10.6		118	62.5-139				
1,3-Dichlorobenzene	12.0		"	10.2		118	71.9-153				
1,3-Butadiene	9.48		"	10.5		90.3	66.7-127				
1,3,5-Trimethylbenzene	12.0		"	10.6		113	65-152				
1,2-Dichlorotetrafluoroethane	8.54		"	10.1		84.6	63.3-129				

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

York Analytical Laboratories, Inc.

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

Batch BG21278 - EPA TO15 PREP

LCS (BG21278-BS1)

Prepared & Analyzed: 07/27/2012

1,2-Dichloropropane	11.1		ppbv	10.7		104	21.3-152				
1,2-Dichloroethane	8.45		"	10.4		81.2	51.2-124				
1,2-Dichlorobenzene	12.5		"	10.6		118	63.7-148				
1,2,4-Trimethylbenzene	12.5		"	10.7		117	67.9-152				
1,2,4-Trichlorobenzene	12.1		"	11.0		110	58-147				
1,1-Dichloroethylene	8.54		"	9.80		87.1	58.1-130				
1,1-Dichloroethane	9.24		"	10.2		90.6	63.3-130				
Trichlorofluoromethane (Freon 11)	7.64		"	10.5		72.8	56-132				
1,1,2-Trichloroethane	10.2		"	10.7		95.2	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.06		"	9.70		83.1	60.2-125				
1,1,2,2-Tetrachloroethane	12.8		"	10.8		118	63.7-132				
1,1,1-Trichloroethane	7.92		"	10.4		76.2	58.2-126				
Dichlorodifluoromethane	7.38		"	10.0		73.8	62.8-133				
1,2-Dibromoethane	9.93		"	10.6		93.7	70-130				
Dibromochloromethane	9.78		"	10.6		92.3	70-130				
Methyl Methacrylate	10.7		"	10.1		106	70-130				
Chlorobenzene	10.9		"	10.8		101	67.6-122				

Surrogate: *p*-Bromofluorobenzene

10.4

"

10.0

104

70-130

Duplicate (BG21278-DUP1)

*Source sample: 12G0774-01 (AQ072512:1300NP4-1)

Prepared & Analyzed: 07/27/2012

Vinyl Chloride	ND	0.90	ug/m ³		ND					25	
Vinyl acetate	ND	1.2	"		ND					25	
Trichloroethylene	ND	0.47	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.80	"		ND					25	
trans-1,2-Dichloroethylene	ND	0.70	"		ND					25	
Toluene	ND	0.66	"		ND					25	
Tetrahydrofuran	ND	0.52	"		ND					25	
Tetrachloroethylene	ND	1.2	"		ND					25	
Styrene	ND	0.75	"		ND					25	
Propylene	ND	0.30	"		ND					25	
p-Ethyltoluene	ND	4.3	"		ND					25	
p- & m- Xylenes	ND	0.76	"		ND					25	
o-Xylene	ND	0.76	"		ND					25	
n-Hexane	0.99	0.62	"		0.99				0.00	25	
n-Heptane	ND	0.72	"		ND					25	
Methylene chloride	2.0	0.61	"		1.9				3.17	25	
Methyl tert-butyl ether (MTBE)	ND	0.63	"		ND					25	
4-Methyl-2-pentanone	ND	0.72	"		ND					25	
Isopropanol	4.7	0.43	"		6.7				36.4	25	Non-dir.
Hexachlorobutadiene	ND	1.9	"		ND					25	
Ethyl Benzene	ND	0.76	"		ND					25	
Ethyl acetate	ND	0.63	"		ND					25	
Cyclohexane	ND	0.60	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.80	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.70	"		ND					25	
Chloromethane	1.1	0.36	"		1.1				3.39	25	
Chloroform	ND	0.86	"		ND					25	
Chloroethane	ND	0.46	"		ND					25	
Carbon tetrachloride	ND	0.55	"		ND					25	
Carbon disulfide	1.2	0.55	"		1.1				4.65	25	
Bromomethane	ND	0.68	"		ND					25	
Bromoform	ND	1.8	"		ND					25	
Bromodichloromethane	ND	1.1	"		ND					25	
Benzyl chloride	ND	0.91	"		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 BG21278 - EPA TO15 PREP											
Duplicate (BG21278-DUP1)	*Source sample: 12G0774-01 (AQ072512:1300NP4-1)						Prepared & Analyzed: 07/27/2012				
Benzene	ND	0.56	ug/m ³		ND					25	
Acetone	18	0.42	"		18				0.238	25	
2-Hexanone	ND	1.4	"		ND					25	
2-Butanone	5.9	0.52	"		6.1				2.60	25	
1,4-Dioxane	ND	6.3	"		ND					25	
1,4-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Butadiene	ND	0.76	"		ND					25	
1,3,5-Trimethylbenzene	ND	1.7	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.2	"		ND					25	
1,2-Dichloropropane	ND	0.81	"		ND					25	
1,2-Dichloroethane	ND	0.71	"		ND					25	
1,2-Dichlorobenzene	ND	1.1	"		ND					25	
1,2,4-Trimethylbenzene	ND	4.3	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.3	"		ND					25	
1,1-Dichloroethylene	ND	0.70	"		ND					25	
1,1-Dichloroethane	ND	0.71	"		ND					25	
Trichlorofluoromethane (Freon 11)	0.89	0.99	"		0.89				0.00	25	
1,1,2-Trichloroethane	ND	0.96	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.3	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.2	"		ND					25	
1,1,1-Trichloroethane	ND	0.96	"		ND					25	
Dichlorodifluoromethane	1.6	0.87	"		1.6				0.00	25	
1,2-Dibromoethane	ND	1.3	"		ND					25	
Dibromochloromethane	ND	1.4	"		ND					25	
Methyl Methacrylate	ND	0.72	"		ND					25	
Chlorobenzene	ND	0.81	"		ND					25	
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.0</i>		<i>ppbv</i>	<i>10.0</i>		<i>100</i>	<i>70-130</i>				

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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. 12G0774

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

Samples Collected/Authorized By (Signature)
Tunde Komolafe-Sandoz
Name (printed)

Air Matrix Codes	NYSDEC STARS List	Air VPH
A1- INDOOR Ambient Air	Project Specific List by TO-15	Helium
AO- OUTDOOR Amb. Air		
AE- Vapor Extraction Well/ Process Gas/Effluent		
AS- SOIL Vapor/Sub-Slab	NUDEP Target List	Methane
	CTDEP RCP Target List	OTHER

[illegible]

Page 15 of 15