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PROJECT STATUS MEMORANDUM

NO. 04-12

TO: Pamela Tames, USEPA
FROM: Mark M. Goldberg, P.E.
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DATE: June 28, 2012

PROJECT: Rowe Industries Superfund Site
Groundwater Recovery and Treatment System
April 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 April 1, 2012 through April 30, 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

(April 1, 2012 through April 30, 2012)

- | | |
|---|--------------------------------------|
| 1. Hours of operation during the reporting period: | 715 hours (99.3%) |
| 2. Alarm conditions during the reporting period: | See Table 1 |
| 3. Was the SPDES VOC discharge permit criteria achieved: | yes, (see Table 2) |
| 4. Total volume of water pumped during the reporting period: | 13,750,540 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: | 0.25 pounds* |
| 7. Cumulative mass of VOCs recovered since startup on 12/17/02:
(calculations can be provided upon request) | 223.8 pounds |
| 8. Effluent VOC vapor concentration for the reporting period: | 0.07 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 (0.00067 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 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 I.

Well	Volume pumped (gal)	Average Flow (gpm)	Lowest Measured Flow (gpm) ^{1/}	Total VOC Concentration (µg/L)	VOC Recovery (lbs)
RW-2	1,128,234	24	13	1.4	0.01
RW-3	1,221,583	30	10	1.0	0.01
RW-4	1,416,195	33	10	7.4	0.09
RW-5	2,272,009	50	50	1.8	0.03
RW-6	610,883	15	15	6.3	0.03
RW-7	2,441,968	70	69	2.0	0.04
RW-8	1,984,723	48	41	0	0
RW-9	1,162,510	74	16	0.8	0.01

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

Based on the results from the 2007 groundwater model for the site, the plume is not migrating beyond the influence of the FSP&T system if the recovery well pumps operate at or above the “Lowest Measured Flows”. All recovery wells were operating at or above their lowest measured flow during the month of April.

Recovery well rehabilitation was initiated on April 23, 2012. RW-9 was shut down for well rehabilitation on April 23rd, and was not restarted upon completion of the well rehabilitation. The shutdown of Well RW-9 is in accordance with plans to discontinue operation of this well. The groundwater quality at RW-9 will continue to be monitored. A very slight decrease in specific capacity was observed following the rehabilitation of RW-9, which is similar to the 2007 rehabilitation results. It was necessary to rehabilitate RW-9 in order to leave the well screen and well components in good condition prior to shutdown of the well. Details of the 2012 recovery well rehabilitation will be discussed in a separate report.

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 the FRW-1 and effluent flow meters. The FRW-3, FRW-4 and the effluent flow meters were cleaned once and FRW-1 and 2 flow meters were cleaned twice during the month of April. The FRWs were shut down on April 19 for annual maintenance activities to address excessive iron bacteria fouling in the piping and system components.

The following table summarizes the parameters for the FRWs for the reporting period of March 27, 2012 through April 19, 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)	VOC Concentration (µg/L)	VOC Recovery (lbs)
FRW-1	19,476	66.8	0.011
FRW-2	5,091	51.2	0.002
FRW-3	9,101	32.8	0.002
FRW-4	295,830	15.5	0.038
Total	329,498 ^{1/}	--	--

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

OTHER O&M ACTIVITIES AND FUTURE O&M ACTIVITIES

O&M activities conducted in April 2012 included:

- on April 3, Precision Mark Outs completed a site visit to identify the areas where FSP&T below-grade pipe are located in preparation to survey and mark out all below grade lines;
- on April 10, replaced a malfunctioning fuse and flow meter transmitter for RW-9;
- on April 19, inspected the FP&T system effluent piping and observed severe iron bacteria clogging, the FP&T system will remain off for FP&T system annual maintenance event;
- on April 23, shut down RW-9 for well rehabilitation;
- on April 30, completed the RW-9 well rehabilitation, RW-9 remains off with EPA and NYDEC approval. Shut down RW-8 for well rehabilitation.

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

- normal weekly/monthly O&M activities;
- continue recovery well rehabilitation;
- repair minor damage to the below-grade conduits near RW-8;
- clean the EQ tank, transfer tank, effluent flow meter, bag filter housing (screens and butterfly valves), below-grade piping and the air-stripper tower sump;
- clean the catch basin in the rear driveway and the trench drain in front of the FSP&T building;
- inspect condition of the air-stripper tower packing material; and
- clean FP&T system carbon unit, holding tank, below-grade piping and evacuate FRW sumps.

MMG:nv

Attachments

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

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TABLES

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

MAINTENANCE LOG
(April 1, 2012 through April 30, 2012)

Date	Time	System Changes/Modifications	Personnel
4/3/2012		Changed the multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.	SH
		Cleaned iron bacteria from the FRW-1 through 4 and FP&T system effluent flow meter paddle wheels and the empty bag filter housing.	SH
		Technicians from Precision Mark Outs, a utility mark out service, completed a site visit to mark out and locate the FSP&T below-grade utilities (electrical conduit).	SH/Precision Mark Outs
4/10/2012	9:50 AM	Shut down and powered down the FSP&T and FP&T systems in order to replace the RW-9 fuse and flow meter transmitter.	SH
	10:30 AM	Restarted the FSP&T system.	SH
	10:45 AM	Cleaned Iron bacteria from the FRW-1 and 2 flow meter paddle wheels, and restarted the FP&T system.	SH
		Changed the multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.	SH
	12:30 PM	Shut down FSP&T and FP&T systems to reboot the FSP&T system control computer in order to reset the Excel datalogging program.	SH
	12:35 PM	Restarted the FSP&T system.	SH
	12:40 PM	Restarted the FP&T system.	SH
4/18/2012	7:14 PM	FSP&T and FP&T systems shut down due to a Booster Blower low pressure alarm.	
4/19/2012		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
	10:00 AM	Restarted the FSP&T system.	SH
		Inspected the FP&T system; effluent pipe appears completely clogged with iron bacteria. The FRW wells remained off until the below-grade pipe cleanout scheduled during the annual O&M activities.	SH
4/23/2012	9:30 AM	Shut down RW-9 for well rehabilitation.	TS/GA
	9:45 AM	Shut down the FSP&T system for training purposes.	GA/SH
	9:55 AM	Restarted the FSP&T system.	GA/SH
		Calibrated the FSP&T system effluent transfer tank pH meter.	SH
		Troubleshoot the RW-4 flow meter, functioning intermittently. Replaced the malfunctioning reed switch.	SH
4/24/2012	9:53 AM	FSP&T system shut down due to a power failure alarm caused by a power surge.	
	11:00 AM	Reset alarm and restarted the FSP&T system.	GA/TS
		Continued RW-9 rehabilitation.	GA/TS/Alpine
4/25/2012		Continued RW-9 rehabilitation.	GA/TS/Alpine
4/26/2012		Continued RW-9 rehabilitation.	GA/Alpine
4/27/2012		Continued RW-9 rehabilitation.	GA/Alpine
4/30/2012		Completed RW-9 well rehabilitation, RW-9 remains off with EPA and NYDEC approval.	GA/TS/Alpine
	8:00 AM	Shut down RW-8 for well rehabilitation.	GA/TS/Alpine

TABLE 2

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

Effluent Water Quality Results

Date Sampled ^{2/}	pH ^{1/}	TDS (mg/l)	PCE (ug/l)	1,1,1-TCA (ug/l)	TCE (ug/l)	1,1-DCA (ug/l)	1,1-DCE (ug/l)	cis- 1,2-DCE (ug/l)	trans- 1,2-DCE (ug/l)	Xylene (ug/l)	Toluene (ug/l)	Ethyl- benzene (ug/l)	Methylene Chloride (ug/l)	Freon 113 (ug/l)	Naphthalene (ug/l)	Chloroform (ug/l)	Total Iron (mg/l)	Dissolved Iron (mg/l)
SPDES Limits	5.0 to 8.5	---	5	5	5	5	5	5	5	5	5	5	5	---	10	7	---	---
3-Apr-12	6.3	100	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	0.37 J,B	ND<0.5	ND<2	ND<0.5	0.43	0.092
10-Apr-12	6.7	106	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	0.61 J,B	ND<0.5	ND<2	ND<0.5	12.50	0.201
19-Apr-12	5.3	102	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	1.2 J,B	ND<0.5	ND<2	ND<0.5	2.91	0.141
23-Apr-12	6.8	136	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	0.63 J,B	ND<0.5	ND<2	ND<0.5	1.47	0.018

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.

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

ND: Not Detected

Notes:

1. Based on the SPDES criteria from an NYSDEC letter dated on October 21, 2011, the new allowable pH range for the Rowe Site is between 5.0 and 8.5.

The pH was obtained from the electronic pH meter installed in the effluent transfer tank.

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	
AQ5311:1120NP4-1	5/3/2011	11:20	0.0290	0.0042	0.0300	0.0032	0.0075	ND	ND	0.0130	0.0034	0.0015	0.0046	0.0081	0.0018	ND	0.12	
AQ060611:1400NP4-1	6/6/2011	14:00	0.0490	0.0039	0.0094	0.0006	0.0047	0.0028	ND	0.0025	ND	ND	0.0054	NA	ND	ND	0.09	
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	

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	
AQ5311:1125NP4-2	5/3/2011	11:25	0.0099	0.0019	0.0550	0.0044	0.0140	0.0043	ND	ND	ND	ND	0.0110	0.0023	ND	ND	0.11	
AQ060611:1405NP4-2	6/6/2011	14:05	0.1900	0.0310	0.0330	ND	0.0012	0.0017	ND	0.0048	ND	ND	0.0020	NA	ND	ND	0.28	
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	

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	
AQ5311:1130NP4-3	5/3/2011	11:30	ND	ND	0.0620	0.0049	0.0099	0.0060	ND	0.0025	ND	ND	0.0090	0.0031	ND	ND	0.10	
AQ060611:1410NP4-3	6/6/2011	14:10	ND	ND	ND	ND	ND	ND	ND	0.0062	0.0035	0.0013	ND	NA	ND	ND	0.02	
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	

PCE: Tetrachloroethane

DCE: 1,1-Dichloroethene

CF: Chloroform

TCE: Trichloroethene

DCA: 1,1-Dichloroethane

MC: Methylene Chloride

TCA: 1,1,1-Trichloroethane

cis-DCE: cis-1,2-Dichloroethene

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

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

TABLE 4

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

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	1,1-Dichloro-ethane (ug/L)	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	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	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<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<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<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<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<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<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<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<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<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	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<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<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<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<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<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<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<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<2	ND<1	ND<1	ND<1	ND<1
	17-Mar-10	ND<1	ND<1	ND<1	0.63 J	ND<1	-	-	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<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<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<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	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<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	25-May-10	ND<1	ND<1	ND<1	ND<1	ND<1	0.06	0.052	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-Jun-10	1.9	ND<1	ND<1	ND<1	ND<1	6.76	0.036	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	20-Jul-10	ND<1	ND<1	ND<1	ND<1	ND<1	9.60	0.047	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 ^{1/}	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<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<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<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<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<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<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<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<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<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<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<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<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	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	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	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	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	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	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	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	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

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)	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	NE	NE	NE	NE	5	5	NE	NE	NE
RW-3	25-May-10	ND<1	ND<1	ND<1	ND<1	ND<1	3.39	0.538	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-Jun-10	ND<1	1.5	ND<1	ND<1	ND<1	2.30	0.757	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	20-Jul-10	ND<1	ND<1	ND<1	ND<1	ND<1	3.48	0.497	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 ^{1/}	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<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<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<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<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<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<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<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<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<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<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<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<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	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	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	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	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	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	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	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	0.52	0.16 J	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
RW-4	25-May-10	1.7	ND<1	ND<1	ND<1	ND<1	3.72	0.03	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-Jun-10	3.3	ND<1	2.5	ND<1	ND<1	4.93	1.70	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	20-Jul-10	ND<1	ND<1	5.6	ND<1	ND<1	5.80	0.04	0.66	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 ^{1/}	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<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<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<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<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<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<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<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<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<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<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<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<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	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	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	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	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	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	1.10	0.13 J	4.0	0.19 J	ND<0.5	-	-	1.8	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	1.40	0.18 J	3.6	0.16 J	ND<0.5	-	-	1.1	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	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

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)	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	NE	NE	NE	NE	5	5	NE	NE	NE
RW-5	25-May-10	ND<1	ND<1	ND<1	ND<1	ND<1	5.390	0.0052	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-Jun-10	ND<1	ND<1	ND<1	2.3	ND<1	0.481	0.0300	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	20-Jul-10	ND<1	ND<1	1.0	ND<1	ND<1	0.062	0.0177	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 ^{1/}	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<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<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<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<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<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<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<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<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<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<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<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<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<1	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	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	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	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	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	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	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	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
RW-6	25-May-10	6.4	ND<1	6.2	ND<1	ND<1	0.2080	0.0582	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-Jun-10	6.3	ND<1	7.0	ND<1	ND<1	0.1640	0.0221	1.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	20-Jul-10	3.4	ND<1	4.5	ND<1	ND<1	0.2890	0.0162	1.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 ^{1/}	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<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<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<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<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<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<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<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<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<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<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<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<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<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	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	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	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	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	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	-	-	-	0.86	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	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

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)	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	NE	NE	NE	NE	5	5	NE	NE	NE
RW-7	25-May-10	8.0	ND<1	0.73	ND<1	ND<1	0.070	0.0304	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-Jun-10	6.9	ND<1	3.2	ND<1	ND<1	0.115	0.0284	2.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	20-Jul-10	1.2	ND<1	1.0	ND<1	ND<1	0.309	0.0694	0.44	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 ^{1/}	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<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<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<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<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<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<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<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<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<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<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<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<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
	18-Oct-11	4.5	0.18 J	0.53	ND<0.5	0.15	--	--	0.40 J	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	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	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	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	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	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	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
RW-8	25-May-10	ND<1	ND<1	ND<1	ND<1	ND<1	4.94	0.04	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-Jun-10	ND<1	ND<1	ND<1	ND<1	ND<1	9.84	2.42	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	20-Jul-10	ND<1	ND<1	ND<1	ND<1	ND<1	9.69	0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 ^{1/}	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<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<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<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<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<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<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<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<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<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<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<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<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<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	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	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	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	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	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	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	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

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)	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	NE	NE	NE	NE	5	5	NE	NE	NE
RW-9	25-May-10	ND<1	ND<1	ND<1	ND<1	ND<1	0.44	0.03	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-Jun-10	ND<1	ND<1	ND<1	ND<1	ND<1	0.93	0.07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	20-Jul-10	ND<1	ND<1	ND<1	ND<1	ND<1	18.00	0.06	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 ^{1/}	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<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<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<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<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<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<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<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<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<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<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<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<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<1	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	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	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	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	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	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	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	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

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.

PCE: Tetrachloroethylene

MTBE: Methyl-tertiary-butyl-ether

TCE: Trichloroethylene

NS: Not sampled

TCA: 1,1,1-Trichloroethane

ND: Not detected

^{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.

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	135TMB	124TCB	124TMB	EB	Benzene	o-Xylenes	m-&p-Xylenes	Toluene	VC	Napthalene	MC	Acetone
ARARs	5	5	5	5	5 ^{1/}			5		5	5	5	1 ^{1/}	NE	5	NE
The FRWs were shut down on April 13, 2010																
18-May-10	170	40	290	ND<1	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-Jun-10	32	ND<1	7.8	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
15-Sep-11	37	ND<5	ND<5	ND<5	ND<5	ND<5	ND<1	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<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<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<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<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	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<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<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

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

1. NYSDC 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	124TMB: 1,2,4-Trimethylbenzene
TCE: Trichloroethene	EB: Ethylbenzene
12DCE: cis-1,2-Dichloroethene	VC: Vinyl Chloride
TCA: 1,1,1-Trichloroethane	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 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/}	NE	7	5	--	5	NE
The FRWs were shut down on April 13, 2010												
18-May-10 ^{2/}	19	1.3	3.8	ND<1	ND<1	ND<1	ND<1	890	ND<1	ND<1	ND<1	ND<1
17-Jun-10	87	3.2	14	ND<1	0.54 J	ND<1	ND<1	51	ND<1	ND<1	ND<1	ND<1
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

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

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

2. During the May 2010 sampling event 2-Butanone (33 ug/l), bromodichloromethane (7.7 ug/l), carbon tetrachloride (1.4 ug/l) and chloroform (890 ug/l) were also detected in the groundwater sample from FRW-2. With the exception of 2-Butanone these detections are believed to have been caused by residual chlorine solution in the below grade pipes from the 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	VC: Vinyl chloride
TCE: Trichloroethene	EB: Ethylbenzene
12DCE: cis-1,2-Dichloroethene	MC: Methylene chloride
TCA: 1,1,1-Trichloroethane	

Comments:

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

TABLE 7

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

Recovery Well FRW-3 VOC Concentrations, micrograms per liter

FRW-3																			
Date	PCE	TCE	12DCE	TCA	IPB	NPB	EB	11DCA	m-&p-Xylenes	Toluene	VC	Napthalene	p-IPT	SBB	1,3,5TMB	Chloroform	CM	MC	Acetone
ARARs	5	5	5	5	5 ^{1/}	5 ^{1/}	5	5		5	1 ^{1/}			5 ^{1/}	5 ^{1/}	7	5	5	NE
The FRWs were shut down on April 13, 2010																			
18-May-10 ^{2/}	180	1.9	9.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	580	4.4	ND<1	ND<1
17-June-10 ^{3/}	NS	NS	NS	NS	NS	NS	ND<1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
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	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	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	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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<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<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<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	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	0.12 J	ND<0.5	ND<0.5	0.16 J	0.84	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	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	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	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

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

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

2. During the May 2010 sampling event 2-Butanone (19 ug/l), bromodichloromethane (15 ug/l), carbon tetrachloride (1.0ug/l) and chloroform (580 ug/l) were also detected in the groundwater sample from FRW-2. With the exception of 2-Butanone these detections are believed to have been caused by residual chlorine solution in the below grade pipes from the below grade pipe cleanout.

3. FRW-3 was not sampled during June 2010 because the pump was inoperable. The groundwater will be sampled during July following pump replacement.

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
IPB: Isopropylbenzene
NPB: n-Propylbenzene
11DCA: 1,1-Dichloroethane
VC: Vinyl chloride

SSB: Sec-butylbenzene
CM: Chloromethane
MC: Methylene chloride
EB: Ethyl Benzene

Comments:

As of September 1, 2011 the water samples are analyzed by York Analytical Laboratories, Inc. The laboratory typically uses a reporting limit (RL) for water of 5 ug/l for VOC. York reports detections below 5 ug/l as an estimate 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

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	VC	Napthalene	MC	Acetone
ARARs	5	5	5	5	5 ^{1/}	5 ^{1/}	1 ^{1/}	NE	5	NE
The FRWs were shut down on April 13, 2010										
18-May-10	1.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Jun-10	0.81 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
13-Jul-10	1.9	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
16-Sep-10	ND<1	4.5	0.52 J	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
11-Nov-10	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
4-Jan-11	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
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
25-Jan-11	1.3	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
10-Mar-11	4.5	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
11-May-11	3.4	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
12-Jul-11	2.2	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
15-Sep-11	22	0.99 J	3.1 J	ND<5	ND<5	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	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<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	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<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	0.13 J,B	0.55 J,B	ND<2
19-Mar-12	22	1.20	6.8	0.14 J	0.16 J	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<2	0.50	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
TCE: Trichloroethene	NPB: n-Propylbenzene
12DCE: cis-1,2-Dichloroethene	VC: Vinyl Chloride
TCA: 1,1,1-Trichloroethane	MC: Methylene chloride

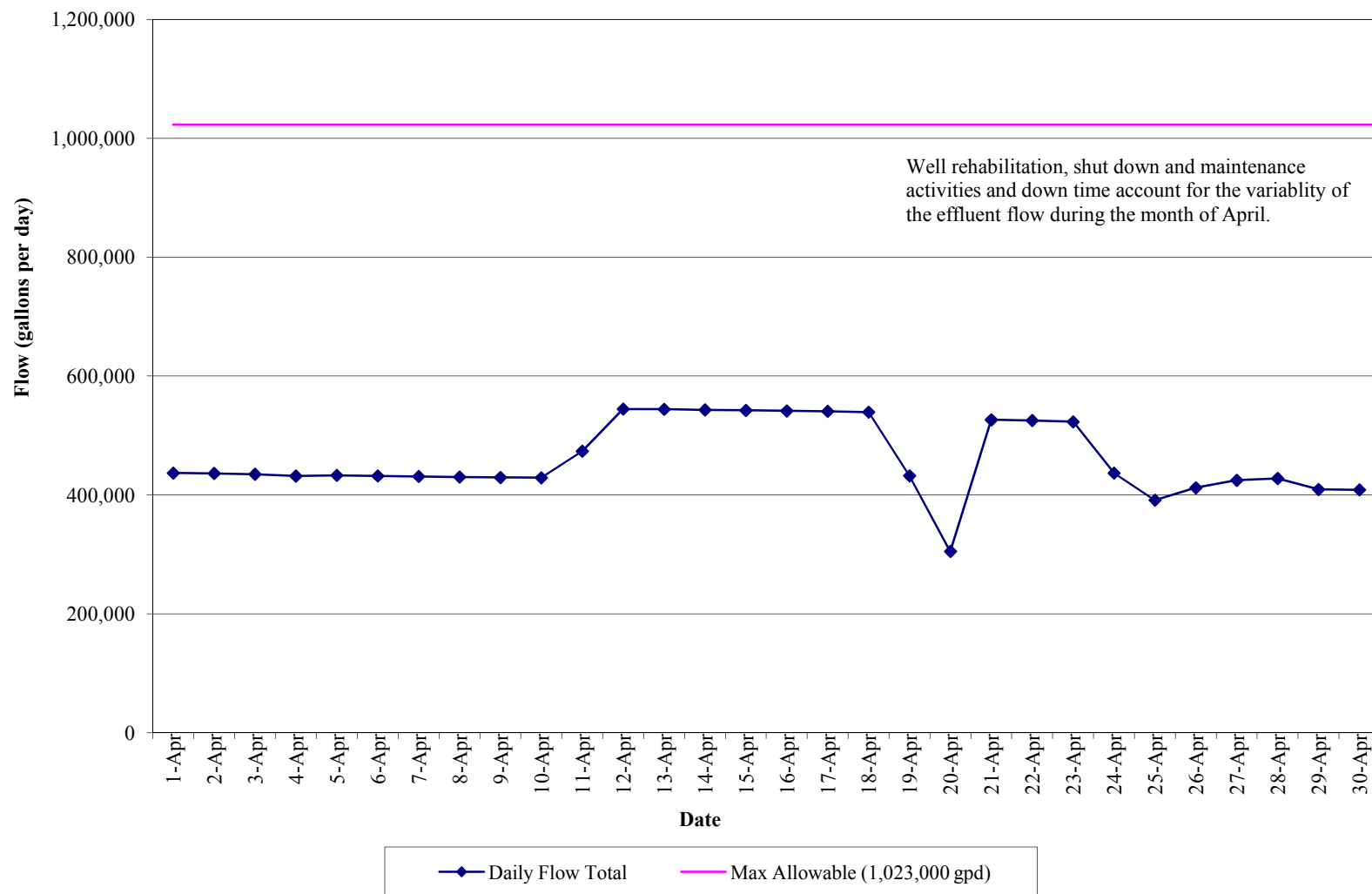
Comments:

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.

GRAPHS

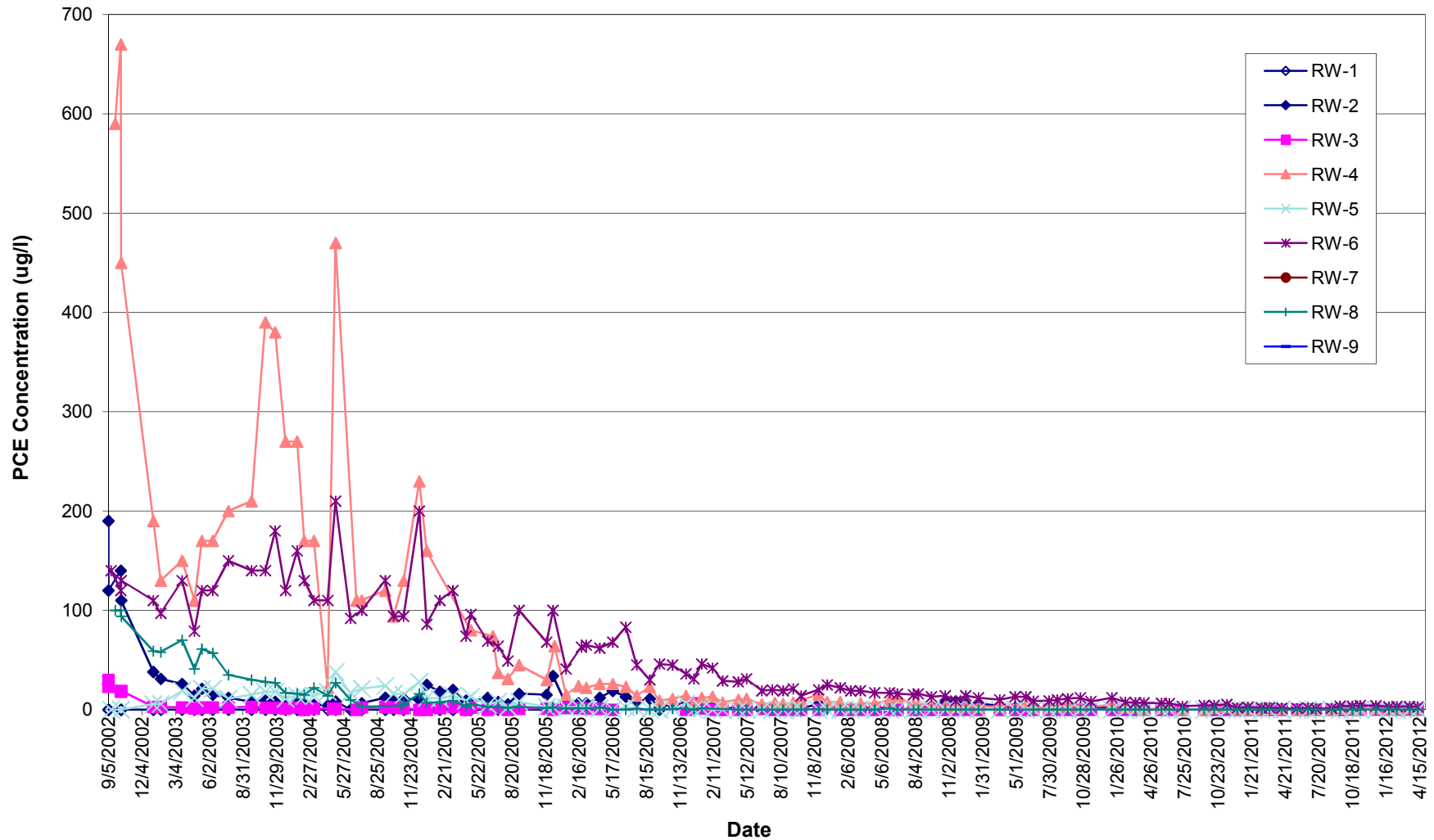
GRAPH 1
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Effluent Flow Data
(April 1, 2012 to April 30, 2012)



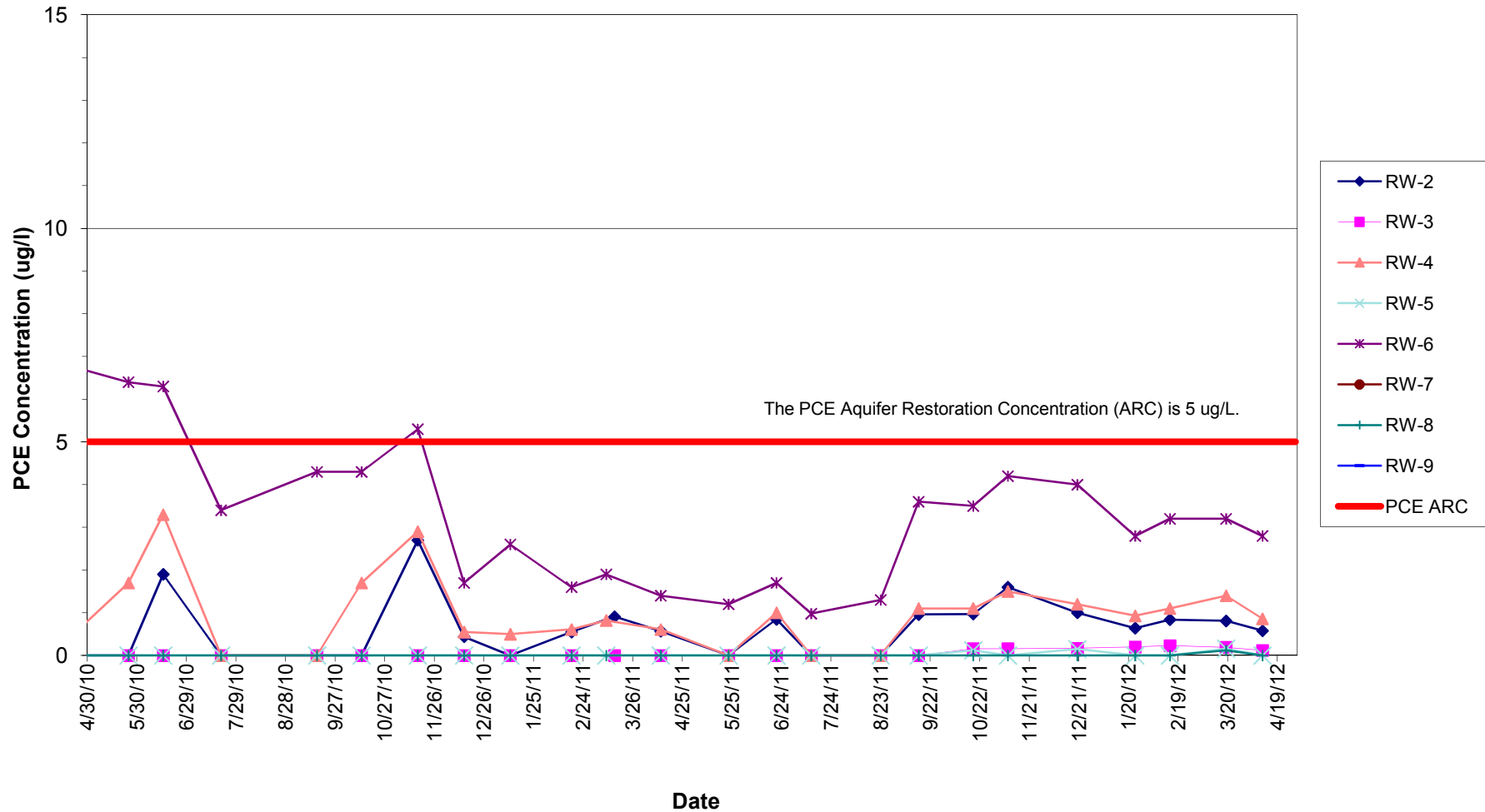
GRAPH 2 **GROUNDWATER REMEDIAL ACTION** **ROWE INDUSTRIES SUPERFUND SITE** **SAG HARBOR, NEW YORK**

FSP&T Recovery Well PCE Concentration in Micrograms per Liter



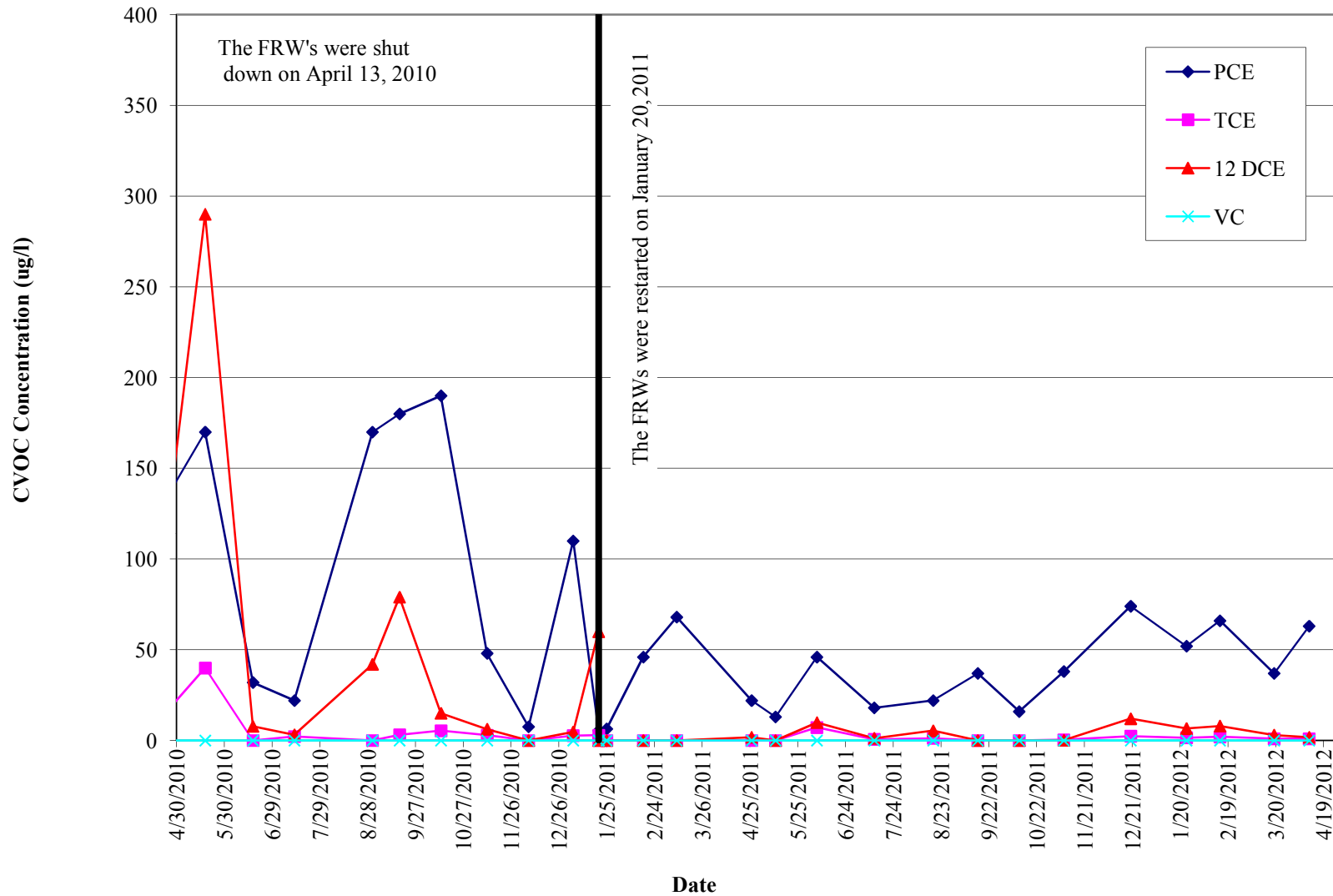
GRAPH 3 **GROUNDWATER REMEDIAL ACTION** **ROWE INDUSTRIES SUPERFUND SITE** **SAG HARBOR, NEW YORK**

FSP&T Recovery Well PCE Concentration



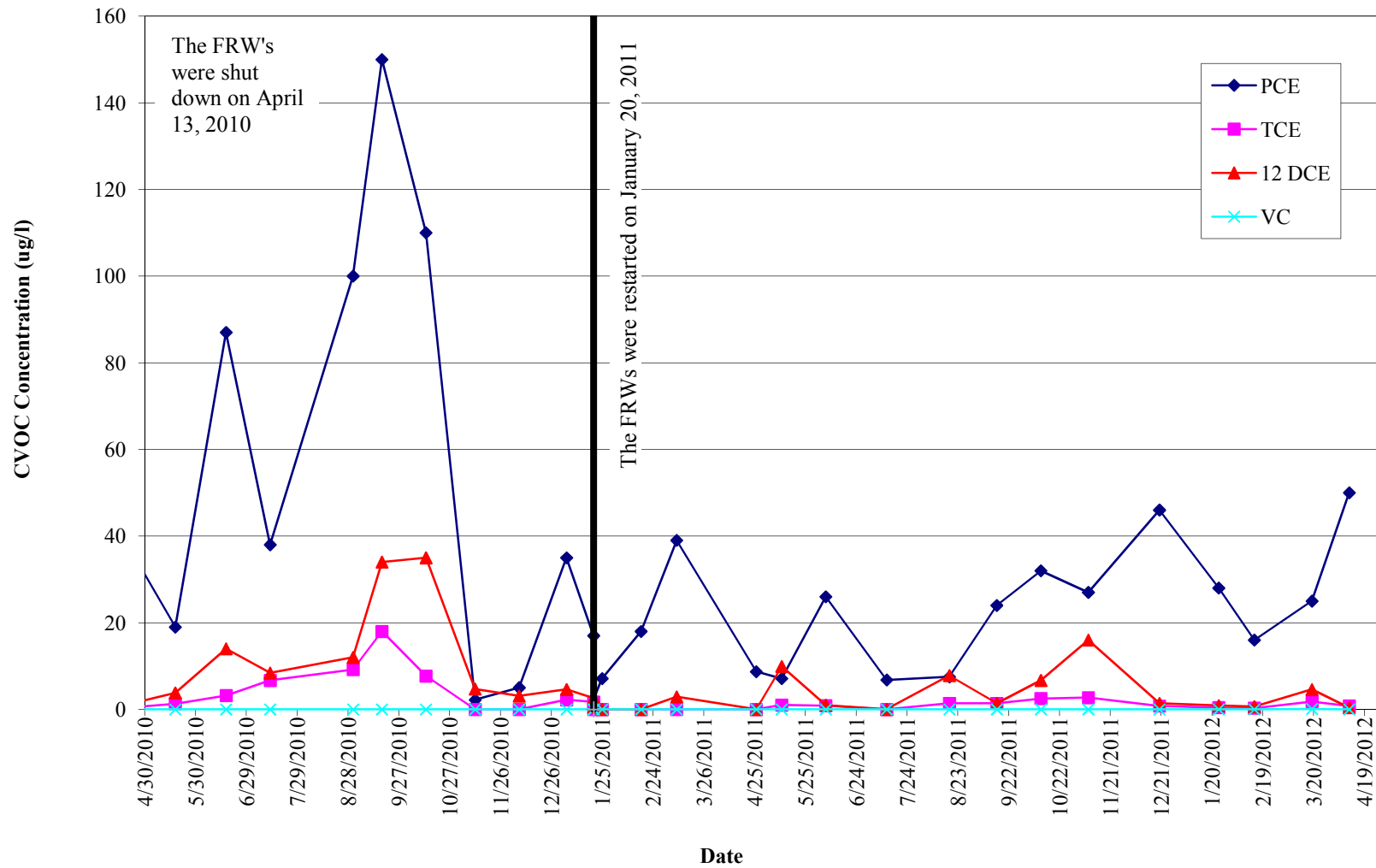
GRAPH 4
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-1



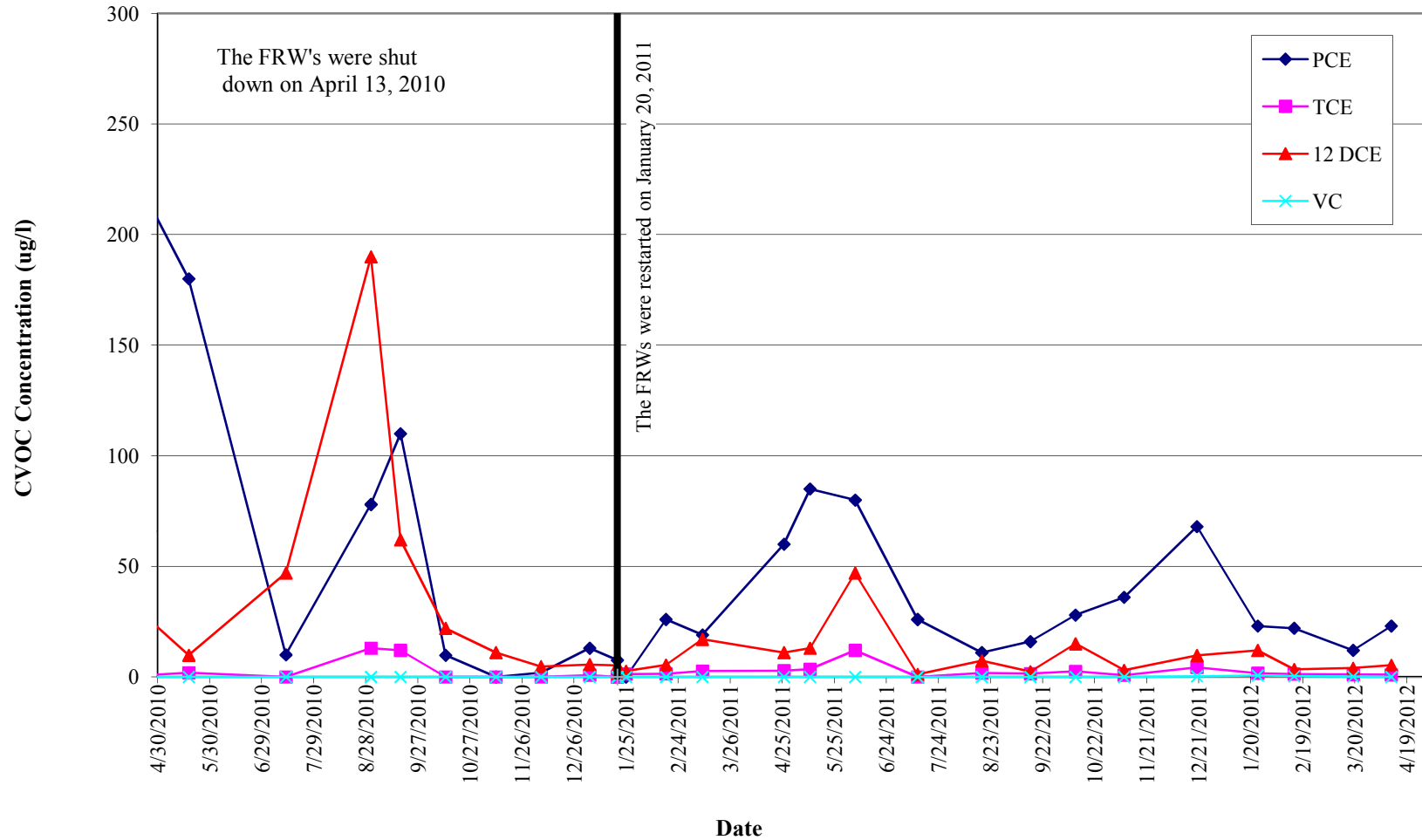
**GRAPH 5
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK**

FP&T Recovery Well VOC Concentrations for FRW-2



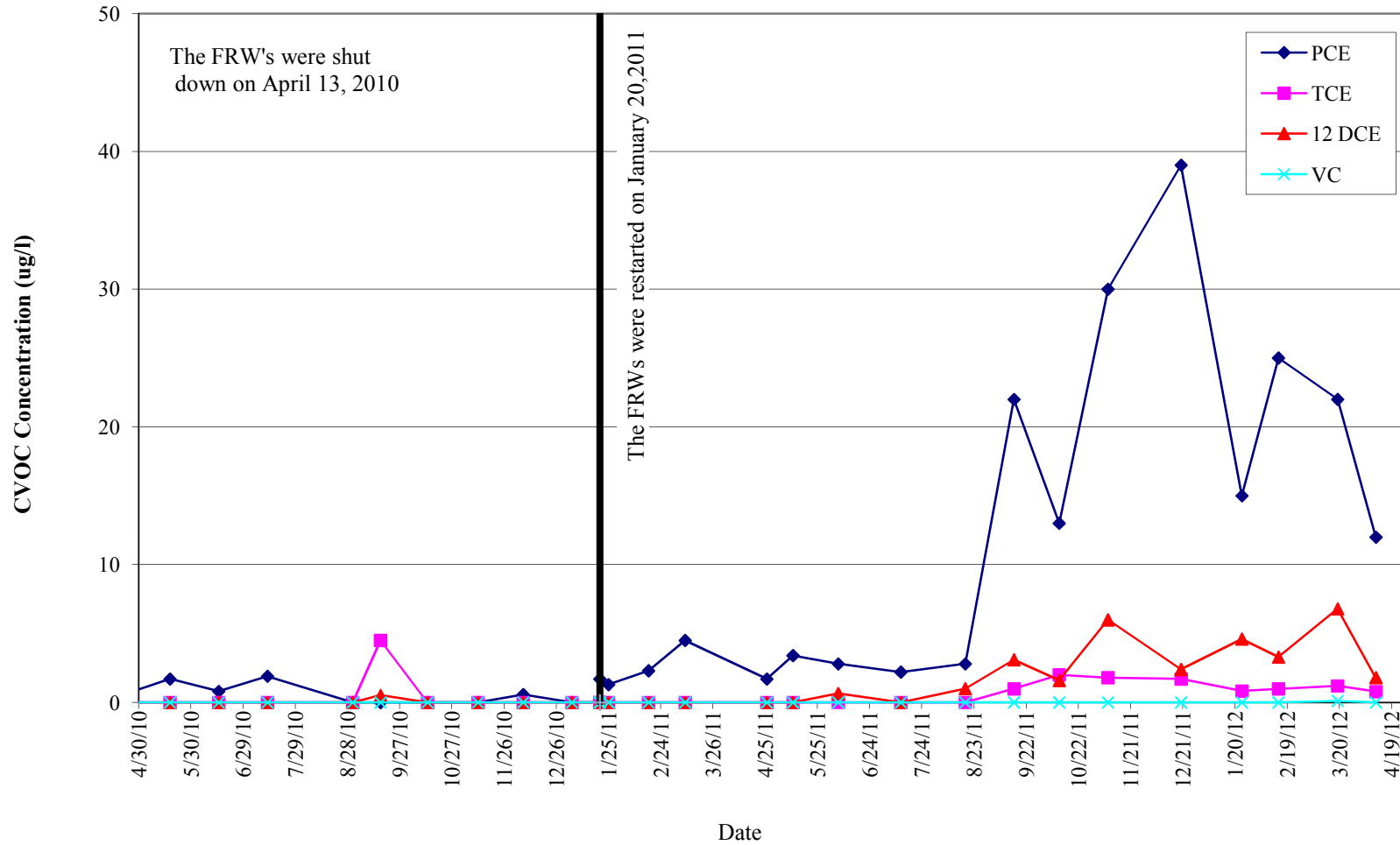
GRAPH 6
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

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
APRIL 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: 04/12/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12D0211

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 04/12/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12D0211

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 April 04, 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>
12D0211-01	WQ4312:1050NP2-6	Water	04/03/2012	04/04/2012
12D0211-02	WQ4312:1055NP2-7	Water	04/03/2012	04/04/2012
12D0213-01	WQ4312:1100NP2-10	Water	04/03/2012	04/04/2012

General Notes for York Project (SDG) No.: 12D0211

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: 04/12/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ4312:1050NP2-6

York Sample ID: 12D0211-01

York Project (SDG) No.

12D0211

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

April 3, 2012 10:50 am

Date Received

04/04/2012

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	04/05/2012 08:01	04/09/2012 17:21	SS
71-55-6	1,1,1-Trichloroethane	0.88		ug/L	0.043	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	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	04/05/2012 08:01	04/09/2012 17:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
75-34-3	1,1-Dichloroethane	0.44	J	ug/L	0.056	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS

Sample Information

Client Sample ID: WQ4312:1050NP2-6

York Sample ID: 12D0211-01

York Project (SDG) No.
12D0211

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
04/04/2012

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	04/05/2012 08:01	04/09/2012 17:21	SS
67-66-3	Chloroform	0.22	J	ug/L	0.051	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
74-87-3	Chloromethane	0.11	J	ug/L	0.045	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
156-59-2	cis-1,2-Dichloroethylene	0.13	J	ug/L	0.030	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
75-09-2	Methylene chloride	0.38	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
127-18-4	Tetrachloroethylene	1.7		ug/L	0.054	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
79-01-6	Trichloroethylene	0.17	J	ug/L	0.067	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.9 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	95.7 %	81.2-127								

Sample Information

Client Sample ID: WQ4312:1050NP2-6

York Sample ID: 12D0211-01

York Project (SDG) No.
12D0211

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
04/04/2012

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	0.121		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/10/2012 15:44	04/10/2012 18:18	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	2.13		mg/L	0.00550	0.0100	1	EPA 200.7	04/10/2012 15:44	04/10/2012 18:23	MW

Sample Information

Client Sample ID: WQ4312:1055NP2-7

York Sample ID: 12D0211-02

York Project (SDG) No.
12D0211

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
04/04/2012

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	04/05/2012 08:01	04/09/2012 18:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	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	04/05/2012 08:01	04/09/2012 18:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS

Sample Information

Client Sample ID: WQ4312:1055NP2-7

York Sample ID: 12D0211-02

York Project (SDG) No.
12D0211

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
04/04/2012

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	04/05/2012 08:01	04/09/2012 18:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
74-87-3	Chloromethane	0.16	J	ug/L	0.045	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
124-48-1	Dibromochloromethane	0.11	J	ug/L	0.040	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
75-09-2	Methylene chloride	0.35	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS

Sample Information

Client Sample ID: WQ4312:1055NP2-7

York Sample ID: 12D0211-02

York Project (SDG) No.
12D0211

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
04/04/2012

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	04/05/2012 08:01	04/09/2012 18:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.3 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	96.5 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	95.4 %			81.2-127						

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.231		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/10/2012 15:44	04/10/2012 18:28	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	0.921		mg/L	0.00550	0.0100	1	EPA 200.7	04/10/2012 15:44	04/10/2012 18:46	MW

Sample Information

Client Sample ID: WQ4312:1100NP2-10

York Sample ID: 12D0213-01

York Project (SDG) No.
12D0213

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
04/04/2012

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	04/05/2012 08:01	04/09/2012 18:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	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	04/05/2012 08:01	04/09/2012 18:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS

Sample Information

Client Sample ID: WQ4312:1100NP2-10

York Sample ID: 12D0213-01

York Project (SDG) No.
12D0213

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
04/04/2012

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	04/05/2012 08:01	04/09/2012 18:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
591-78-6	2-Hexanone	0.16	J	ug/L	0.089	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
75-25-2	Bromoform	0.21	J	ug/L	0.10	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
74-87-3	Chloromethane	0.14	J	ug/L	0.045	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
124-48-1	Dibromochloromethane	0.11	J	ug/L	0.040	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS

Sample Information

Client Sample ID: WQ4312:1100NP2-10

York Sample ID: 12D0213-01

York Project (SDG) No.
12D0213

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
04/04/2012

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	04/05/2012 08:01	04/09/2012 18:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
75-09-2	Methylene chloride	0.37	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	92.0 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	92.6 %	81.2-127								

Sample Information

Client Sample ID: WQ4312:1100NP2-10

York Sample ID: 12D0213-01

York Project (SDG) No.
12D0213

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
04/04/2012

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	0.0920		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/10/2012 15:44	04/10/2012 19:00	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.432		mg/L	0.00550	0.0100	1	EPA 200.7	04/10/2012 15:44	04/10/2012 19:05	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	100		mg/L	1.00	1.00	1	SM 2540C	04/10/2012 16:09	04/10/2012 16:09	AMC

Analytical Batch Summary

Batch ID: BD20243 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12D0213-01	WQ4312:1100NP2-10	04/10/12
BD20243-BLK1	Blank	04/10/12
BD20243-DUP1	Duplicate	04/10/12

Batch ID: BD20258 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12D0211-01	WQ4312:1050NP2-6	04/05/12
12D0211-02	WQ4312:1055NP2-7	04/05/12
12D0213-01	WQ4312:1100NP2-10	04/05/12
BD20258-BLK1	Blank	04/09/12
BD20258-BS1	LCS	04/09/12
BD20258-BSD1	LCS Dup	04/09/12

Batch ID: BD20352 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12D0211-01	WQ4312:1050NP2-6	04/10/12
12D0211-01	WQ4312:1050NP2-6	04/10/12
12D0211-02	WQ4312:1055NP2-7	04/10/12
12D0211-02	WQ4312:1055NP2-7	04/10/12
12D0213-01	WQ4312:1100NP2-10	04/10/12
12D0213-01	WQ4312:1100NP2-10	04/10/12
BD20352-BLK1	Blank	04/10/12
BD20352-BLK1	Blank	04/10/12
BD20352-SRM1	Reference	04/10/12
BD20352-SRM1	Reference	04/10/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20258 - EPA 5030B

Blank (BD20258-BLK1)

Prepared & Analyzed: 04/09/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	2.0	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	0.95	2.0	"
Naphthalene	0.51	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	"

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20258 - EPA 5030B

Blank (BD20258-BLK1)

Prepared & Analyzed: 04/09/2012

sec-Butylbenzene	ND	0.50	ug/L
Styrene	ND	0.50	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

Surrogate: 1,2-Dichloroethane-d4	11.0	"	10.0	110	72.6-129
Surrogate: p-Bromofluorobenzene	9.40	"	10.0	94.0	63.5-145
Surrogate: Toluene-d8	9.03	"	10.0	90.3	81.2-127

LCS (BD20258-BS1)

Prepared & Analyzed: 04/09/2012

1,1,1,2-Tetrachloroethane	9.48	ug/L	10.0	94.8	82.3-130	
1,1,1-Trichloroethane	9.87	"	10.0	98.7	75.6-137	
1,1,2,2-Tetrachloroethane	8.38	"	10.0	83.8	71.3-131	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.99	"	10.0	89.9	71.1-129	
1,1,2-Trichloroethane	9.50	"	10.0	95.0	74.5-129	
1,1-Dichloroethane	10.6	"	10.0	106	79.6-132	
1,1-Dichloroethylene	9.99	"	10.0	99.9	80.2-146	
1,1-Dichloropropylene	14.1	"	10.0	141	75-136	High Bias
1,2,3-Trichlorobenzene	9.41	"	10.0	94.1	66.1-136	
1,2,3-Trichloropropane	8.47	"	10.0	84.7	63-131	
1,2,4-Trichlorobenzene	9.65	"	10.0	96.5	70.6-136	
1,2,4-Trimethylbenzene	8.23	"	10.0	82.3	75.3-135	
1,2-Dibromo-3-chloropropane	8.05	"	10.0	80.5	58.9-140	
1,2-Dibromoethane	10.3	"	10.0	103	79-130	
1,2-Dichlorobenzene	8.49	"	10.0	84.9	76.1-122	
1,2-Dichloroethane	11.4	"	10.0	114	74.6-132	
1,2-Dichloropropane	9.45	"	10.0	94.5	76.9-129	
1,3,5-Trimethylbenzene	7.97	"	10.0	79.7	70.6-127	
1,3-Dichlorobenzene	8.19	"	10.0	81.9	77-124	
1,3-Dichloropropane	9.31	"	10.0	93.1	75.8-126	
1,4-Dichlorobenzene	8.50	"	10.0	85.0	76.6-125	
2,2-Dichloropropane	11.2	"	10.0	112	69-133	
2-Chlorotoluene	8.10	"	10.0	81.0	66.3-119	
2-Hexanone	9.32	"	10.0	93.2	70-130	
4-Chlorotoluene	8.35	"	10.0	83.5	69.2-127	
Acetone	3.18	"	10.0	31.8	70-130	Low Bias
Benzene	10.1	"	10.0	101	76.2-129	
Bromobenzene	8.24	"	10.0	82.4	71.3-123	
Bromochloromethane	10.8	"	10.0	108	70.8-137	
Bromodichloromethane	9.93	"	10.0	99.3	79.7-134	
Bromoform	9.22	"	10.0	92.2	70.5-141	
Bromomethane	10.6	"	10.0	106	43.9-147	
Carbon tetrachloride	13.3	"	10.0	133	78.1-138	
Chlorobenzene	9.09	"	10.0	90.9	80.4-125	
Chloroethane	8.70	"	10.0	87.0	55.8-140	
Chloroform	10.0	"	10.0	100	76.6-133	
Chloromethane	7.15	"	10.0	71.5	48.8-115	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20258 - EPA 5030B

LCS (BD20258-BS1)

Prepared & Analyzed: 04/09/2012

cis-1,2-Dichloroethylene	10.3		ug/L	10.0		103	75.1-128				
cis-1,3-Dichloropropylene	9.18		"	10.0		91.8	74.5-128				
Dibromochloromethane	9.99		"	10.0		99.9	79.8-134				
Dibromomethane	10.5		"	10.0		105	79-130				
Dichlorodifluoromethane	7.22		"	10.0		72.2	47.1-101				
Ethyl Benzene	9.06		"	10.0		90.6	80.8-128				
Hexachlorobutadiene	8.00		"	10.0		80.0	64.8-128				
Isopropylbenzene	8.14		"	10.0		81.4	75.5-135				
Methyl tert-butyl ether (MTBE)	9.74		"	10.0		97.4	65.1-140				
Methylene chloride	6.52		"	10.0		65.2	61.3-120				
Naphthalene	8.83		"	10.0		88.3	62.3-148				
n-Butylbenzene	7.58		"	10.0		75.8	67.2-123				
n-Propylbenzene	7.61		"	10.0		76.1	70.5-127				
o-Xylene	8.75		"	10.0		87.5	75.9-122				
p- & m- Xylenes	17.8		"	20.0		89.2	77.7-127				
p-Isopropyltoluene	7.86		"	10.0		78.6	75.6-129				
sec-Butylbenzene	7.50		"	10.0		75.0	71.5-125				
Styrene	9.04		"	10.0		90.4	77.8-123				
tert-Butylbenzene	8.56		"	10.0		85.6	75.9-151				
Tetrachloroethylene	8.79		"	10.0		87.9	63.6-167				
Toluene	8.59		"	10.0		85.9	77-123				
trans-1,2-Dichloroethylene	9.71		"	10.0		97.1	76.3-139				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137				
Trichloroethylene	8.55		"	10.0		85.5	77.9-130				
Trichlorofluoromethane	9.11		"	10.0		91.1	57.4-133				
Vinyl Chloride	8.11		"	10.0		81.1	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	11.1		"	10.0		111	72.6-129				
Surrogate: p-Bromofluorobenzene	9.42		"	10.0		94.2	63.5-145				
Surrogate: Toluene-d8	9.06		"	10.0		90.6	81.2-127				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20258 - EPA 5030B											
LCS Dup (BD20258-BSD1)						Prepared & Analyzed: 04/09/2012					
1,1,1,2-Tetrachloroethane	9.95		ug/L	10.0		99.5	82.3-130		4.84	21.1	
1,1,1-Trichloroethane	11.0		"	10.0		110	75.6-137		11.2	19.7	
1,1,2,2-Tetrachloroethane	8.67		"	10.0		86.7	71.3-131		3.40	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0		111	71.1-129		21.4	21.7	
1,1,2-Trichloroethane	10.4		"	10.0		104	74.5-129		9.33	20.3	
1,1-Dichloroethane	11.5		"	10.0		115	79.6-132		8.40	20.6	
1,1-Dichloroethylene	11.7		"	10.0		117	80.2-146		15.8	20	
1,1-Dichloropropylene	16.0		"	10.0		160	75-136	High Bias	12.2	19.3	
1,2,3-Trichlorobenzene	10.2		"	10.0		102	66.1-136		8.15	21.6	
1,2,3-Trichloropropane	8.53		"	10.0		85.3	63-131		0.706	23.9	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	70.6-136		4.26	21.7	
1,2,4-Trimethylbenzene	8.81		"	10.0		88.1	75.3-135		6.81	18.8	
1,2-Dibromo-3-chloropropane	9.76		"	10.0		97.6	58.9-140		19.2	27.7	
1,2-Dibromoethane	10.8		"	10.0		108	79-130		4.26	23	
1,2-Dichlorobenzene	8.69		"	10.0		86.9	76.1-122		2.33	19.8	
1,2-Dichloroethane	11.3		"	10.0		113	74.6-132		0.881	20.2	
1,2-Dichloropropane	10.1		"	10.0		101	76.9-129		6.25	20.7	
1,3,5-Trimethylbenzene	8.53		"	10.0		85.3	70.6-127		6.79	18.9	
1,3-Dichlorobenzene	8.43		"	10.0		84.3	77-124		2.89	19.2	
1,3-Dichloropropane	9.82		"	10.0		98.2	75.8-126		5.33	22.1	
1,4-Dichlorobenzene	8.58		"	10.0		85.8	76.6-125		0.937	18.6	
2,2-Dichloropropane	10.0		"	10.0		100	69-133		11.6	19.8	
2-Chlorotoluene	8.07		"	10.0		80.7	66.3-119		0.371	21.6	
2-Hexanone	10.0		"	10.0		100	70-130		7.54	30	
4-Chlorotoluene	8.43		"	10.0		84.3	69.2-127		0.954	19	
Acetone	3.80		"	10.0		38.0	70-130	Low Bias	17.8	30	
Benzene	10.9		"	10.0		109	76.2-129		7.98	19	
Bromobenzene	8.45		"	10.0		84.5	71.3-123		2.52	20.3	
Bromochloromethane	11.2		"	10.0		112	70.8-137		3.36	23.9	
Bromodichloromethane	10.4		"	10.0		104	79.7-134		4.53	21	
Bromoform	8.51		"	10.0		85.1	70.5-141		8.01	21.8	
Bromomethane	11.1		"	10.0		111	43.9-147		4.23	28.4	
Carbon tetrachloride	14.8		"	10.0		148	78.1-138	High Bias	10.6	20.1	
Chlorobenzene	9.68		"	10.0		96.8	80.4-125		6.29	19.9	
Chloroethane	9.76		"	10.0		97.6	55.8-140		11.5	23.3	
Chloroform	11.1		"	10.0		111	76.6-133		9.57	20.3	
Chloromethane	8.38		"	10.0		83.8	48.8-115		15.8	24.5	
cis-1,2-Dichloroethylene	11.1		"	10.0		111	75.1-128		6.73	20.5	
cis-1,3-Dichloropropylene	9.34		"	10.0		93.4	74.5-128		1.73	19.9	
Dibromochloromethane	10.0		"	10.0		100	79.8-134		0.499	21.3	
Dibromomethane	10.5		"	10.0		105	79-130		0.0951	22.4	
Dichlorodifluoromethane	8.55		"	10.0		85.5	47.1-101		16.9	23.9	
Ethyl Benzene	10.1		"	10.0		101	80.8-128		10.7	19.2	
Hexachlorobutadiene	8.73		"	10.0		87.3	64.8-128		8.73	20.6	
Isopropylbenzene	8.69		"	10.0		86.9	75.5-135		6.54	20	
Methyl tert-butyl ether (MTBE)	13.8		"	10.0		138	65.1-140		34.4	23.6	Non-dir.
Methylene chloride	7.15		"	10.0		71.5	61.3-120		9.22	20.4	
Naphthalene	8.68		"	10.0		86.8	62.3-148		1.71	27.1	
n-Butylbenzene	8.17		"	10.0		81.7	67.2-123		7.49	19.1	
n-Propylbenzene	8.12		"	10.0		81.2	70.5-127		6.48	23.4	
o-Xylene	9.63		"	10.0		96.3	75.9-122		9.58	19.3	
p- & m- Xylenes	19.6		"	20.0		97.9	77.7-127		9.24	18.6	
p-Isopropyltoluene	8.44		"	10.0		84.4	75.6-129		7.12	19.1	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20258 - EPA 5030B

LCS Dup (BD20258-BSD1)

Prepared & Analyzed: 04/09/2012

sec-Butylbenzene	8.21		ug/L	10.0		82.1	71.5-125		9.04	18.9
Styrene	10.1		"	10.0		101	77.8-123		10.7	20.9
tert-Butylbenzene	8.98		"	10.0		89.8	75.9-151		4.79	20.9
Tetrachloroethylene	11.0		"	10.0		110	63.6-167		22.7	27.7
Toluene	9.52		"	10.0		95.2	77-123		10.3	18.7
trans-1,2-Dichloroethylene	11.0		"	10.0		110	76.3-139		12.7	19.5
trans-1,3-Dichloropropylene	10.3		"	10.0		103	72.5-137		1.76	19.3
Trichloroethylene	9.65		"	10.0		96.5	77.9-130		12.1	20.5
Trichlorofluoromethane	10.9		"	10.0		109	57.4-133		17.7	21.4
Vinyl Chloride	9.65		"	10.0		96.5	54.9-124		17.3	22.3
Surrogate: 1,2-Dichloroethane-d4	10.3		"	10.0		103	72.6-129			
Surrogate: p-Bromofluorobenzene	9.26		"	10.0		92.6	63.5-145			
Surrogate: Toluene-d8	9.21		"	10.0		92.1	81.2-127			

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20352 - EPA 3010A**Blank (BD20352-BLK1)**

Prepared & Analyzed: 04/10/2012

Iron	ND	0.0100	mg/L
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Reference (BD20352-SRM1)

Prepared & Analyzed: 04/10/2012

Iron	0.628	0.0100	mg/L	0.589	107	87.9-113
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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
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Batch BD20352 - EPA 3010A**Blank (BD20352-BLK1)**

Prepared & Analyzed: 04/10/2012

Iron	ND	0.0100	mg/L
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Reference (BD20352-SRM1)

Prepared & Analyzed: 04/10/2012

Iron	0.628	0.0100	mg/L	0.589	107	87.9-113
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Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20243 - % Solids Prep**Blank (BD20243-BLK1)**

Prepared & Analyzed: 04/10/2012

Total Dissolved Solids ND 1.00 mg/L

Duplicate (BD20243-DUP1)

*Source sample: 12D0213-01 (WQ4312:1100NP2-10)

Prepared & Analyzed: 04/10/2012

Total Dissolved Solids 97.0 1.00 mg/L 100 3.05 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.

ANALYTICAL LABORATORIES, INC.
1120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

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

Page 1 of 1

York Project No. 12 D 0 2 1 1

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1120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 12 Do 213

Page 1 of 1

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Technical Report

prepared for:

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

Report Date: 04/19/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12D0443

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 04/19/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12D0443

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 April 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>
12D0443-01	WQ41012:1340NP2-10	Water	04/10/2012	04/12/2012
12D0444-01	WQ41012:1330NP2-6	Water	04/10/2012	04/12/2012
12D0444-02	WQ41012:1335NP2-7	Water	04/10/2012	04/12/2012

General Notes for York Project (SDG) No.: 12D0443

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: 04/19/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ41012:1340NP2-10

York Sample ID: 12D0443-01

York Project (SDG) No.

12D0443

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

April 10, 2012 1:40 pm

Date Received

04/12/2012

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	0.055	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	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	04/16/2012 16:59	04/17/2012 03:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS

Sample Information

Client Sample ID: WQ41012:1340NP2-10

York Sample ID: 12D0443-01

York Project (SDG) No.
12D0443

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 1:40 pm

Date Received
04/12/2012

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	0.094	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
75-09-2	Methylene chloride	0.61	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.1 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.3 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								

Sample Information

Client Sample ID: WQ41012:1340NP2-10

York Sample ID: 12D0443-01

York Project (SDG) No.
12D0443

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 1:40 pm

Date Received
04/12/2012

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	0.201		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/16/2012 16:02	04/16/2012 20:38	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	12.5		mg/L	0.00550	0.0100	1	EPA 200.7	04/16/2012 16:02	04/16/2012 21:08	MW

Total Dissolved Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	106		mg/L	1.00	1.00	1	SM 2540C	04/17/2012 10:57	04/19/2012 10:57	AMC

Sample Information

Client Sample ID: WQ41012:1330NP2-6

York Sample ID: 12D0444-01

York Project (SDG) No.
12D0444

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 1:30 pm

Date Received
04/12/2012

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	0.055	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
71-55-6	1,1,1-Trichloroethane	0.54		ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	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	04/16/2012 16:59	04/17/2012 04:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
75-34-3	1,1-Dichloroethane	0.31	J	ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS

Sample Information

Client Sample ID: WQ41012:1330NP2-6

York Sample ID: 12D0444-01

York Project (SDG) No.
12D0444

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 1:30 pm

Date Received
04/12/2012

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
67-66-3	Chloroform	0.15	J	ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
75-09-2	Methylene chloride	0.38	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
91-20-3	Naphthalene	0.12	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS

Sample Information

Client Sample ID: WQ41012:1330NP2-6

York Sample ID: 12D0444-01

York Project (SDG) No.
12D0444

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 1:30 pm

Date Received
04/12/2012

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
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
127-18-4	Tetrachloroethylene	1.3		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
79-01-6	Trichloroethylene	0.14	J	ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.6 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	93.0 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	99.1 %		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	0.103		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/16/2012 16:02	04/16/2012 21:26	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	4.10		mg/L	0.00550	0.0100	1	EPA 200.7	04/16/2012 16:02	04/16/2012 21:31	MW

Sample Information

Client Sample ID: WQ41012:1335NP2-7

York Sample ID: 12D0444-02

York Project (SDG) No.
12D0444

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 1:35 pm

Date Received
04/12/2012

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	0.055	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS

Sample Information

Client Sample ID: WQ41012:1335NP2-7

York Sample ID: 12D0444-02

York Project (SDG) No.
12D0444

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 1:35 pm

Date Received
04/12/2012

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
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	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	04/16/2012 16:59	04/17/2012 05:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS

Sample Information

Client Sample ID: WQ41012:1335NP2-7

York Sample ID: 12D0444-02

York Project (SDG) No.
12D0444

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 1:35 pm

Date Received
04/12/2012

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
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
75-09-2	Methylene chloride	0.40	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
91-20-3	Naphthalene	0.13	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.3 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	100 %	81.2-127								

Sample Information

Client Sample ID: WQ41012:1335NP2-7

York Sample ID: 12D0444-02

York Project (SDG) No.
12D0444

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 1:35 pm

Date Received
04/12/2012

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	0.215		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/16/2012 16:02	04/16/2012 21:36	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	4.58		mg/L	0.00550	0.0100	1	EPA 200.7	04/16/2012 16:02	04/16/2012 21:41	MW

Analytical Batch Summary

Batch ID: BD20602

Preparation Method: EPA 3010A

Prepared By: MW

YORK Sample ID	Client Sample ID	Preparation Date
12D0443-01	WQ41012:1340NP2-10	04/16/12
12D0443-01	WQ41012:1340NP2-10	04/16/12
12D0444-01	WQ41012:1330NP2-6	04/16/12
12D0444-01	WQ41012:1330NP2-6	04/16/12
12D0444-02	WQ41012:1335NP2-7	04/16/12
12D0444-02	WQ41012:1335NP2-7	04/16/12
BD20602-BLK1	Blank	04/16/12
BD20602-BLK1	Blank	04/16/12
BD20602-DUP1	Duplicate	04/16/12
BD20602-DUP1	Duplicate	04/16/12
BD20602-MS1	Matrix Spike	04/16/12
BD20602-MS1	Matrix Spike	04/16/12
BD20602-SRM1	Reference	04/16/12
BD20602-SRM1	Reference	04/16/12

Batch ID: BD20609

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12D0443-01	WQ41012:1340NP2-10	04/16/12
12D0444-01	WQ41012:1330NP2-6	04/16/12
12D0444-02	WQ41012:1335NP2-7	04/16/12
BD20609-BLK1	Blank	04/16/12
BD20609-BS1	LCS	04/16/12
BD20609-BSD1	LCS Dup	04/16/12

Batch ID: BD20667

Preparation Method: % Solids Prep

Prepared By: AMC

YORK Sample ID	Client Sample ID	Preparation Date
12D0443-01	WQ41012:1340NP2-10	04/17/12
BD20667-BLK1	Blank	04/18/12
BD20667-DUP1	Duplicate	04/18/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20609 - EPA 5030B

Blank (BD20609-BLK1)

Prepared: 04/16/2012 Analyzed: 04/17/2012

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	8.9	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	5.6	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	"

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20609 - EPA 5030B

Blank (BD20609-BLK1)

Prepared: 04/16/2012 Analyzed: 04/17/2012

sec-Butylbenzene	ND	0.50	ug/L
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>	9.52	"	10.0	95.2	72.6-129
<i>Surrogate: p-Bromofluorobenzene</i>	9.85	"	10.0	98.5	63.5-145
<i>Surrogate: Toluene-d8</i>	10.5	"	10.0	105	81.2-127

LCS (BD20609-BS1)

Prepared: 04/16/2012 Analyzed: 04/17/2012

1,1,1,2-Tetrachloroethane	9.66	ug/L	10.0	96.6	82.3-130
1,1,1-Trichloroethane	9.17	"	10.0	91.7	75.6-137
1,1,2,2-Tetrachloroethane	9.12	"	10.0	91.2	71.3-131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.32	"	10.0	93.2	71.1-129
1,1,2-Trichloroethane	10.0	"	10.0	100	74.5-129
1,1-Dichloroethane	10.1	"	10.0	101	79.6-132
1,1-Dichloroethylene	10.1	"	10.0	101	80.2-146
1,1-Dichloropropylene	12.6	"	10.0	126	75-136
1,2,3-Trichlorobenzene	10.0	"	10.0	100	66.1-136
1,2,3-Trichloropropane	8.53	"	10.0	85.3	63-131
1,2,4-Trichlorobenzene	10.4	"	10.0	104	70.6-136
1,2,4-Trimethylbenzene	9.11	"	10.0	91.1	75.3-135
1,2-Dibromo-3-chloropropane	8.80	"	10.0	88.0	58.9-140
1,2-Dibromoethane	10.7	"	10.0	107	79-130
1,2-Dichlorobenzene	9.09	"	10.0	90.9	76.1-122
1,2-Dichloroethane	9.83	"	10.0	98.3	74.6-132
1,2-Dichloropropane	10.4	"	10.0	104	76.9-129
1,3,5-Trimethylbenzene	8.71	"	10.0	87.1	70.6-127
1,3-Dichlorobenzene	8.88	"	10.0	88.8	77-124
1,3-Dichloropropane	10.0	"	10.0	100	75.8-126
1,4-Dichlorobenzene	8.81	"	10.0	88.1	76.6-125
2,2-Dichloropropane	8.43	"	10.0	84.3	69-133
2-Chlorotoluene	8.81	"	10.0	88.1	66.3-119
2-Hexanone	9.75	"	10.0	97.5	70-130
4-Chlorotoluene	9.21	"	10.0	92.1	69.2-127
Acetone	12.2	"	10.0	122	70-130
Benzene	9.82	"	10.0	98.2	76.2-129
Bromobenzene	8.94	"	10.0	89.4	71.3-123
Bromochloromethane	10.7	"	10.0	107	70.8-137
Bromodichloromethane	10.3	"	10.0	103	79.7-134
Bromoform	9.02	"	10.0	90.2	70.5-141
Bromomethane	11.3	"	10.0	113	43.9-147
Carbon tetrachloride	11.5	"	10.0	115	78.1-138
Chlorobenzene	9.53	"	10.0	95.3	80.4-125
Chloroethane	9.47	"	10.0	94.7	55.8-140
Chloroform	9.47	"	10.0	94.7	76.6-133
Chloromethane	8.03	"	10.0	80.3	48.8-115

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20609 - EPA 5030B

LCS (BD20609-BS1)

Prepared: 04/16/2012 Analyzed: 04/17/2012

cis-1,2-Dichloroethylene	9.80		ug/L	10.0		98.0	75.1-128				
cis-1,3-Dichloropropylene	9.55		"	10.0		95.5	74.5-128				
Dibromochloromethane	9.67		"	10.0		96.7	79.8-134				
Dibromomethane	10.8		"	10.0		108	79-130				
Dichlorodifluoromethane	7.40		"	10.0		74.0	47.1-101				
Ethyl Benzene	10.0		"	10.0		100	80.8-128				
Hexachlorobutadiene	8.65		"	10.0		86.5	64.8-128				
Isopropylbenzene	9.12		"	10.0		91.2	75.5-135				
Methyl tert-butyl ether (MTBE)	13.2		"	10.0		132	65.1-140				
Methylene chloride	11.7		"	10.0		117	61.3-120				
Naphthalene	9.35		"	10.0		93.5	62.3-148				
n-Butylbenzene	8.42		"	10.0		84.2	67.2-123				
n-Propylbenzene	8.88		"	10.0		88.8	70.5-127				
o-Xylene	9.58		"	10.0		95.8	75.9-122				
p- & m- Xylenes	19.7		"	20.0		98.5	77.7-127				
p-Isopropyltoluene	8.58		"	10.0		85.8	75.6-129				
sec-Butylbenzene	8.61		"	10.0		86.1	71.5-125				
Styrene	9.99		"	10.0		99.9	77.8-123				
tert-Butylbenzene	9.16		"	10.0		91.6	75.9-151				
Tetrachloroethylene	10.3		"	10.0		103	63.6-167				
Toluene	9.70		"	10.0		97.0	77-123				
trans-1,2-Dichloroethylene	9.37		"	10.0		93.7	76.3-139				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137				
Trichloroethylene	9.65		"	10.0		96.5	77.9-130				
Trichlorofluoromethane	8.59		"	10.0		85.9	57.4-133				
Vinyl Chloride	9.01		"	10.0		90.1	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	10.3		"	10.0		103	72.6-129				
Surrogate: p-Bromofluorobenzene	9.45		"	10.0		94.5	63.5-145				
Surrogate: Toluene-d8	10.0		"	10.0		100	81.2-127				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20609 - EPA 5030B											
LCS Dup (BD20609-BSD1)						Prepared: 04/16/2012 Analyzed: 04/17/2012					
1,1,1,2-Tetrachloroethane	9.76		ug/L	10.0		97.6	82.3-130		1.03	21.1	
1,1,1-Trichloroethane	9.69		"	10.0		96.9	75.6-137		5.51	19.7	
1,1,2,2-Tetrachloroethane	9.30		"	10.0		93.0	71.3-131		1.95	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.91		"	10.0		99.1	71.1-129		6.14	21.7	
1,1,2-Trichloroethane	9.87		"	10.0		98.7	74.5-129		1.41	20.3	
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132		2.34	20.6	
1,1-Dichloroethylene	10.2		"	10.0		102	80.2-146		0.592	20	
1,1-Dichloropropylene	13.3		"	10.0		133	75-136		5.24	19.3	
1,2,3-Trichlorobenzene	9.89		"	10.0		98.9	66.1-136		1.41	21.6	
1,2,3-Trichloropropane	8.33		"	10.0		83.3	63-131		2.37	23.9	
1,2,4-Trichlorobenzene	10.4		"	10.0		104	70.6-136		0.672	21.7	
1,2,4-Trimethylbenzene	9.33		"	10.0		93.3	75.3-135		2.39	18.8	
1,2-Dibromo-3-chloropropane	9.18		"	10.0		91.8	58.9-140		4.23	27.7	
1,2-Dibromoethane	10.4		"	10.0		104	79-130		2.18	23	
1,2-Dichlorobenzene	9.07		"	10.0		90.7	76.1-122		0.220	19.8	
1,2-Dichloroethane	9.80		"	10.0		98.0	74.6-132		0.306	20.2	
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129		0.0963	20.7	
1,3,5-Trimethylbenzene	8.85		"	10.0		88.5	70.6-127		1.59	18.9	
1,3-Dichlorobenzene	8.81		"	10.0		88.1	77-124		0.791	19.2	
1,3-Dichloropropane	9.70		"	10.0		97.0	75.8-126		3.35	22.1	
1,4-Dichlorobenzene	9.30		"	10.0		93.0	76.6-125		5.41	18.6	
2,2-Dichloropropane	8.50		"	10.0		85.0	69-133		0.827	19.8	
2-Chlorotoluene	8.97		"	10.0		89.7	66.3-119		1.80	21.6	
2-Hexanone	9.86		"	10.0		98.6	70-130		1.12	30	
4-Chlorotoluene	9.44		"	10.0		94.4	69.2-127		2.47	19	
Acetone	11.9		"	10.0		119	70-130		2.16	30	
Benzene	10.0		"	10.0		100	76.2-129		2.32	19	
Bromobenzene	8.99		"	10.0		89.9	71.3-123		0.558	20.3	
Bromochloromethane	10.8		"	10.0		108	70.8-137		0.931	23.9	
Bromodichloromethane	10.3		"	10.0		103	79.7-134		0.0968	21	
Bromoform	8.97		"	10.0		89.7	70.5-141		0.556	21.8	
Bromomethane	11.2		"	10.0		112	43.9-147		1.16	28.4	
Carbon tetrachloride	12.3		"	10.0		123	78.1-138		6.70	20.1	
Chlorobenzene	9.76		"	10.0		97.6	80.4-125		2.38	19.9	
Chloroethane	9.60		"	10.0		96.0	55.8-140		1.36	23.3	
Chloroform	9.60		"	10.0		96.0	76.6-133		1.36	20.3	
Chloromethane	8.26		"	10.0		82.6	48.8-115		2.82	24.5	
cis-1,2-Dichloroethylene	9.87		"	10.0		98.7	75.1-128		0.712	20.5	
cis-1,3-Dichloropropylene	9.27		"	10.0		92.7	74.5-128		2.98	19.9	
Dibromochloromethane	9.52		"	10.0		95.2	79.8-134		1.56	21.3	
Dibromomethane	10.1		"	10.0		101	79-130		7.09	22.4	
Dichlorodifluoromethane	7.90		"	10.0		79.0	47.1-101		6.54	23.9	
Ethyl Benzene	10.3		"	10.0		103	80.8-128		2.26	19.2	
Hexachlorobutadiene	9.11		"	10.0		91.1	64.8-128		5.18	20.6	
Isopropylbenzene	9.50		"	10.0		95.0	75.5-135		4.08	20	
Methyl tert-butyl ether (MTBE)	12.4		"	10.0		124	65.1-140		5.62	23.6	
Methylene chloride	11.7		"	10.0		117	61.3-120		0.00	20.4	
Naphthalene	9.23		"	10.0		92.3	62.3-148		1.29	27.1	
n-Butylbenzene	8.72		"	10.0		87.2	67.2-123		3.50	19.1	
n-Propylbenzene	9.24		"	10.0		92.4	70.5-127		3.97	23.4	
o-Xylene	9.70		"	10.0		97.0	75.9-122		1.24	19.3	
p- & m- Xylenes	20.1		"	20.0		100	77.7-127		1.96	18.6	
p-Isopropyltoluene	8.89		"	10.0		88.9	75.6-129		3.55	19.1	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20609 - EPA 5030B

LCS Dup (BD20609-BSD1)

Prepared: 04/16/2012 Analyzed: 04/17/2012

sec-Butylbenzene	8.92		ug/L	10.0		89.2	71.5-125		3.54	18.9	
Styrene	10.1		"	10.0		101	77.8-123		1.10	20.9	
tert-Butylbenzene	9.53		"	10.0		95.3	75.9-151		3.96	20.9	
Tetrachloroethylene	9.84		"	10.0		98.4	63.6-167		4.47	27.7	
Toluene	9.91		"	10.0		99.1	77-123		2.14	18.7	
trans-1,2-Dichloroethylene	9.52		"	10.0		95.2	76.3-139		1.59	19.5	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		0.00	19.3	
Trichloroethylene	9.76		"	10.0		97.6	77.9-130		1.13	20.5	
Trichlorofluoromethane	9.07		"	10.0		90.7	57.4-133		5.44	21.4	
Vinyl Chloride	9.34		"	10.0		93.4	54.9-124		3.60	22.3	
Surrogate: 1,2-Dichloroethane-d4	10.1		"	10.0		101	72.6-129				
Surrogate: p-Bromofluorobenzene	9.30		"	10.0		93.0	63.5-145				
Surrogate: Toluene-d8	10.1		"	10.0		101	81.2-127				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20602 - EPA 3010A											
Blank (BD20602-BLK1)											
								Prepared & Analyzed: 04/16/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BD20602-DUP1)											
*Source sample: 12D0443-01 (WQ41012:1340NP2-10)								Prepared & Analyzed: 04/16/2012			
Iron	0.218	0.0100	mg/L		0.201				8.00	20	
Matrix Spike (BD20602-MS1)											
*Source sample: 12D0443-01 (WQ41012:1340NP2-10)								Prepared & Analyzed: 04/16/2012			
Iron	1.29	0.0100	mg/L	1.00	0.201	109	75-125				
Reference (BD20602-SRM1)											
								Prepared & Analyzed: 04/16/2012			
Iron	0.630	0.0100	mg/L	0.589		107	87.9-113				

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 BD20602 - EPA 3010A											
Blank (BD20602-BLK1)											
										Prepared & Analyzed: 04/16/2012	
Iron	ND	0.0100	mg/L								
Duplicate (BD20602-DUP1)											
*Source sample: 12D0443-01 (WQ41012:1340NP2-10)										Prepared & Analyzed: 04/16/2012	
Iron	12.4	0.0100	mg/L		12.5				0.932	20	
Matrix Spike (BD20602-MS1)											
*Source sample: 12D0443-01 (WQ41012:1340NP2-10)										Prepared & Analyzed: 04/16/2012	
Iron	13.8	0.0100	mg/L	1.00	12.5	126	75-125	High Bias			
Reference (BD20602-SRM1)											
										Prepared & Analyzed: 04/16/2012	
Iron	0.630	0.0100	mg/L	0.589		107	87.9-113				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20667 - % Solids Prep**Blank (BD20667-BLK1)**

Prepared: 04/18/2012 Analyzed: 04/19/2012

Total Dissolved Solids ND 1.00 mg/L

Duplicate (BD20667-DUP1)

*Source sample: 12D0443-01 (WQ41012:1340NP2-10)

Prepared: 04/18/2012 Analyzed: 04/19/2012

Total Dissolved Solids 104 1.00 mg/L 106 1.90 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.

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York Project No. 12 D0443

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 Sander</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>TSander@LB6CT.com</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>		
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved. Samples Collected/Authorized By (Signature) <u>STEPHEN HUNT</u> Name (printed) <u>STEPHEN HUNT</u>													
Matrix Codes		Volatiles		Semi-Vols.		Metals		Misc. Org.		Fall Lists			
S - soil Other - specify (vol. wt.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NUDEP list App. IX TCLP BNA SFLP or TCLP		RCRA 8 PP 13 list TAL CT 15 list TAGM list NUDEP list Dissolved SFLP or TCLP Toxic Metals LIST Below		TPH GRO TPH DKO CT BTPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		Full Poll. TCL Oggs TAL MetCN Full TCLP Full App. IX Part 360 Residue Part 360 Residue Part 360 Residue NYDEP Residue NYDEP Residue TAGM Spikes		Misc. Reactivity Ignitability Flash Point Sieve Anal. Heavy Metals TOX BTU/B. Aquatic Tox. TOC Ashes Spikes	
Choose Analyses Needed from the Menu Above and Enter Below Fe by EPA 200.7/Fe, Dissolved by EPA 6010 (SWP46-6010) / Vols., 8260 List (EPA SWP45-8260) plus from 13 Fe by EPA 200.7/Fe, Dissolved by EPA 6010 (SWP46-6010) / Vols. 8260 List (EPA SWP45-8260) plus from 13 / TDS (SH 2540C)													
Sample Identification	Date Sampled	Sample Matrix											
NQ41012-1330NP2-6	4/10/12 1330	GW											
NQ41012-1335NP2-7	4/10/12 1335	GW											
NQ41012-1340NP2-10	4/10/12 1340	GW											
Comments			Preservation: Check those Applicable Special Instructions: Field Filtered ☐ Lab to Filter ☐ 4/12/12 11:05 Samples Relinquished By: <u>Grace</u> Date/Time: 4/12/12 1510 Samples Relinquished By: <u>Grace</u> Date/Time: 4/12/12 1510 Samples Relinquished By: <u>Grace</u> Date/Time: 4/12/12 1510										

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Field Chain-of-Custody Record

Page 1 of 1

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York Project No. 12 D0444

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		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 - Next Day		Summary w/ QA Summary <u>X</u> pdf			
Phone No. <u>Shelton, CT 06484</u>	Phone No. <u>1</u>	Phone No. <u>1</u>		Phone No. <u>1</u>		RUSH - Two Day		CT RCP Package			
Phone No. <u>203-929-8555</u>	Phone No. <u>1</u>	Phone No. <u>1</u>		Phone No. <u>1</u>		RUSH - Three Day		CTRCP DQADUE Pkg			
Contact Person: <u>Tunde Sandoz</u>	Phone No. <u>1</u>	Phone No. <u>1</u>		Phone No. <u>1</u>		RUSH - Four Day		NY ASP A Package			
E-Mail Address: <u>TSandoz@LBGCT.com</u>	E-Mail Address: <u>TSandoz@LBGCT.com</u>	E-Mail Address: <u>TSandoz@LBGCT.com</u>		E-Mail Address: <u>TSandoz@LBGCT.com</u>		Standard(5-7 Days) <u>X</u>		NY ASP B Package <u>NP2-10 only</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.		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.		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.		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.		NUDEP Red. Deliv.			
Samples Collected/Authorized By (Signature)		Samples Collected/Authorized By (Signature)		Samples Collected/Authorized By (Signature)		Samples Collected/Authorized By (Signature)		Electronic Data Deliverables (EDD)			
Name (printed)		Name (printed)		Name (printed)		Name (printed)		Simple Excel <u>X</u>			
Sample Identification		Sample Identification		Sample Identification		Sample Identification		NY/DEC EQULS			
Date Sampled		Date Sampled		Date Sampled		Date Sampled		EQULS (std)			
Sample Matrix		Sample Matrix		Sample Matrix		Sample Matrix		EZ-EDD (EQULS)			
Choose Analyses Needed from the Menu Above and Enter Below		Choose Analyses Needed from the Menu Above and Enter Below		Choose Analyses Needed from the Menu Above and Enter Below		Choose Analyses Needed from the Menu Above and Enter Below		NUDEP SRP HazSite EDD			
Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs,		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs,		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs,		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs,		GIS/KEY (std)			
P240 List (EPA SW 845-8240) plus from 113		P240 List (EPA SW 845-8240) plus from 113		P240 List (EPA SW 845-8240) plus from 113		P240 List (EPA SW 845-8240) plus from 113		Other			
Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		York Regulatory Comparison			
P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)		P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)		P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)		P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)		Excel Spreadsheet			
Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Compare to the following Regs. (please fill in):			
P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)		P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)		P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)		P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)					
Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs					
P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)		P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)		P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)		P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)					
Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs					
P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)		P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)		P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)		P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)					
Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs					
P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)		P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)		P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)		P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)					
Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs					
P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)		P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)		P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)		P240 List (EPA SW 845-8240) plus from 113 / TDS (SH 3540c)					
Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) 1 VOLs		Fe by EPA					

Technical Report

prepared for:

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

Report Date: 04/27/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12D0663

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 04/27/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12D0663

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 April 20, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12D0663-01	WQ41912:1100NP2-6	Water	04/19/2012	04/20/2012
12D0663-02	WQ41912:1105NP2-7	Water	04/19/2012	04/20/2012
12D0664-01	WQ41912:1110NP2-10	Water	04/19/2012	04/20/2012

General Notes for York Project (SDG) No.: 12D0663

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: 04/27/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ41912:1100NP2-6

York Sample ID: 12D0663-01

York Project (SDG) No.

12D0663

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

April 19, 2012 11:00 am

Date Received

04/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
71-55-6	1,1,1-Trichloroethane	0.56		ug/L	0.043	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	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	04/23/2012 12:03	04/23/2012 14:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
75-34-3	1,1-Dichloroethane	0.27	J	ug/L	0.056	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS

Sample Information

Client Sample ID: WQ41912:1100NP2-6

York Sample ID: 12D0663-01

York Project (SDG) No.
12D0663

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 19, 2012 11:00 am

Date Received
04/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
67-66-3	Chloroform	0.21	J	ug/L	0.051	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.14	J	ug/L	0.081	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
75-09-2	Methylene chloride	1.3	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
91-20-3	Naphthalene	0.11	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
127-18-4	Tetrachloroethylene	0.56		ug/L	0.054	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
79-01-6	Trichloroethylene	0.12	J	ug/L	0.067	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	97.7 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.9 %	81.2-127								

Sample Information

Client Sample ID: WQ41912:1100NP2-6

York Sample ID: 12D0663-01

York Project (SDG) No.
12D0663

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 19, 2012 11:00 am

Date Received
04/20/2012

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.154		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/23/2012 15:09	04/23/2012 17:52	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	3.35		mg/L	0.00550	0.0100	1	EPA 200.7	04/23/2012 15:09	04/23/2012 17:57	MW

Sample Information

Client Sample ID: WQ41912:1105NP2-7

York Sample ID: 12D0663-02

York Project (SDG) No.
12D0663

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 19, 2012 11:05 am

Date Received
04/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	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	04/23/2012 12:03	04/23/2012 15:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS

Sample Information

Client Sample ID: WQ41912:1105NP2-7

York Sample ID: 12D0663-02

York Project (SDG) No.
12D0663

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 19, 2012 11:05 am

Date Received
04/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
75-09-2	Methylene chloride	1.4	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
91-20-3	Naphthalene	0.41	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
1330-20-7P/M	p- & m- Xylenes	0.11	J	ug/L	0.086	1.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS

Sample Information

Client Sample ID: WQ41912:1105NP2-7

York Sample ID: 12D0663-02

York Project (SDG) No.
12D0663

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 19, 2012 11:05 am

Date Received
04/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	94.8 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	95.5 %		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	0.129		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/23/2012 15:09	04/23/2012 18:02	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	1.04		mg/L	0.00550	0.0100	1	EPA 200.7	04/23/2012 15:09	04/23/2012 18:07	MW

Sample Information

Client Sample ID: WQ41912:1110NP2-10

York Sample ID: 12D0664-01

York Project (SDG) No.
12D0664

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 19, 2012 11:10 am

Date Received
04/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	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	04/23/2012 12:03	04/23/2012 16:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS

Sample Information

Client Sample ID: WQ41912:1110NP2-10

York Sample ID: 12D0664-01

York Project (SDG) No.
12D0664

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 19, 2012 11:10 am

Date Received
04/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS

Sample Information

Client Sample ID: WQ41912:1110NP2-10

York Sample ID: 12D0664-01

York Project (SDG) No.
12D0664

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 19, 2012 11:10 am

Date Received
04/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
75-09-2	Methylene chloride	1.2	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.0 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	97.0 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.7 %	81.2-127								

Sample Information

Client Sample ID: WQ41912:1110NP2-10

York Sample ID: 12D0664-01

York Project (SDG) No.
12D0664

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 19, 2012 11:10 am

Date Received
04/20/2012

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.141		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/23/2012 15:09	04/23/2012 18:11	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	2.91		mg/L	0.00550	0.0100	1	EPA 200.7	04/23/2012 15:09	04/23/2012 18:42	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	102		mg/L	1.00	1.00	1	SM 2540C	04/24/2012 12:01	04/24/2012 12:01	AMC

Analytical Batch Summary

Batch ID: BD20816 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12D0664-01	WQ41912:1110NP2-10	04/24/12
BD20816-BLK1	Blank	04/24/12
BD20816-DUP1	Duplicate	04/24/12

Batch ID: BD20840 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12D0663-01	WQ41912:1100NP2-6	04/23/12
12D0663-02	WQ41912:1105NP2-7	04/23/12
12D0664-01	WQ41912:1110NP2-10	04/23/12
BD20840-BLK1	Blank	04/23/12
BD20840-BS1	LCS	04/23/12
BD20840-BSD1	LCS Dup	04/23/12

Batch ID: BD20849 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12D0663-01	WQ41912:1100NP2-6	04/23/12
12D0663-01	WQ41912:1100NP2-6	04/23/12
12D0663-02	WQ41912:1105NP2-7	04/23/12
12D0663-02	WQ41912:1105NP2-7	04/23/12
12D0664-01	WQ41912:1110NP2-10	04/23/12
12D0664-01	WQ41912:1110NP2-10	04/23/12
BD20849-BLK1	Blank	04/23/12
BD20849-BLK1	Blank	04/23/12
BD20849-DUP1	Duplicate	04/23/12
BD20849-DUP1	Duplicate	04/23/12
BD20849-MS1	Matrix Spike	04/23/12
BD20849-MS1	Matrix Spike	04/23/12
BD20849-SRM1	Reference	04/23/12
BD20849-SRM1	Reference	04/23/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20840 - EPA 5030B

Blank (BD20840-BLK1)

Prepared & Analyzed: 04/23/2012

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	1.6	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	2.0	2.0	"
Naphthalene	0.51	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	"

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20840 - EPA 5030B

Blank (BD20840-BLK1)

Prepared & Analyzed: 04/23/2012

sec-Butylbenzene	ND	0.50	ug/L
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>	10.0	"	10.0	100	72.6-129
<i>Surrogate: p-Bromofluorobenzene</i>	9.96	"	10.0	99.6	63.5-145
<i>Surrogate: Toluene-d8</i>	9.79	"	10.0	97.9	81.2-127

LCS (BD20840-BS1)

Prepared & Analyzed: 04/23/2012

1,1,1,2-Tetrachloroethane	9.94	ug/L	10.0	99.4	82.3-130	
1,1,1-Trichloroethane	9.26	"	10.0	92.6	75.6-137	
1,1,2,2-Tetrachloroethane	8.89	"	10.0	88.9	71.3-131	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1	"	10.0	101	71.1-129	
1,1,2-Trichloroethane	9.84	"	10.0	98.4	74.5-129	
1,1-Dichloroethane	9.99	"	10.0	99.9	79.6-132	
1,1-Dichloroethylene	10.4	"	10.0	104	80.2-146	
1,1-Dichloropropylene	14.0	"	10.0	140	75-136	High Bias
1,2,3-Trichlorobenzene	10.2	"	10.0	102	66.1-136	
1,2,3-Trichloropropane	8.49	"	10.0	84.9	63-131	
1,2,4-Trichlorobenzene	10.8	"	10.0	108	70.6-136	
1,2,4-Trimethylbenzene	9.15	"	10.0	91.5	75.3-135	
1,2-Dibromo-3-chloropropane	9.96	"	10.0	99.6	58.9-140	
1,2-Dibromoethane	10.4	"	10.0	104	79-130	
1,2-Dichlorobenzene	9.11	"	10.0	91.1	76.1-122	
1,2-Dichloroethane	10.0	"	10.0	100	74.6-132	
1,2-Dichloropropane	10.3	"	10.0	103	76.9-129	
1,3,5-Trimethylbenzene	8.77	"	10.0	87.7	70.6-127	
1,3-Dichlorobenzene	8.86	"	10.0	88.6	77-124	
1,3-Dichloropropane	9.65	"	10.0	96.5	75.8-126	
1,4-Dichlorobenzene	9.19	"	10.0	91.9	76.6-125	
2,2-Dichloropropane	10.4	"	10.0	104	69-133	
2-Chlorotoluene	8.51	"	10.0	85.1	66.3-119	
2-Hexanone	9.93	"	10.0	99.3	70-130	
4-Chlorotoluene	9.06	"	10.0	90.6	69.2-127	
Acetone	3.38	"	10.0	33.8	70-130	Low Bias
Benzene	9.74	"	10.0	97.4	76.2-129	
Bromobenzene	8.69	"	10.0	86.9	71.3-123	
Bromochloromethane	10.5	"	10.0	105	70.8-137	
Bromodichloromethane	10.0	"	10.0	100	79.7-134	
Bromoform	9.69	"	10.0	96.9	70.5-141	
Bromomethane	8.94	"	10.0	89.4	43.9-147	
Carbon tetrachloride	13.0	"	10.0	130	78.1-138	
Chlorobenzene	9.55	"	10.0	95.5	80.4-125	
Chloroethane	9.68	"	10.0	96.8	55.8-140	
Chloroform	9.27	"	10.0	92.7	76.6-133	
Chloromethane	7.43	"	10.0	74.3	48.8-115	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20840 - EPA 5030B

LCS (BD20840-BS1)

Prepared & Analyzed: 04/23/2012

cis-1,2-Dichloroethylene	9.57		ug/L	10.0		95.7	75.1-128				
cis-1,3-Dichloropropylene	9.81		"	10.0		98.1	74.5-128				
Dibromochloromethane	10.1		"	10.0		101	79.8-134				
Dibromomethane	9.76		"	10.0		97.6	79-130				
Dichlorodifluoromethane	8.04		"	10.0		80.4	47.1-101				
Ethyl Benzene	9.60		"	10.0		96.0	80.8-128				
Hexachlorobutadiene	8.98		"	10.0		89.8	64.8-128				
Isopropylbenzene	9.09		"	10.0		90.9	75.5-135				
Methyl tert-butyl ether (MTBE)	14.2		"	10.0		142	65.1-140	High Bias			
Methylene chloride	7.89		"	10.0		78.9	61.3-120				
Naphthalene	9.29		"	10.0		92.9	62.3-148				
n-Butylbenzene	8.54		"	10.0		85.4	67.2-123				
n-Propylbenzene	8.70		"	10.0		87.0	70.5-127				
o-Xylene	9.15		"	10.0		91.5	75.9-122				
p- & m- Xylenes	18.9		"	20.0		94.7	77.7-127				
p-Isopropyltoluene	8.84		"	10.0		88.4	75.6-129				
sec-Butylbenzene	8.53		"	10.0		85.3	71.5-125				
Styrene	9.61		"	10.0		96.1	77.8-123				
tert-Butylbenzene	9.21		"	10.0		92.1	75.9-151				
Tetrachloroethylene	9.61		"	10.0		96.1	63.6-167				
Toluene	9.28		"	10.0		92.8	77-123				
trans-1,2-Dichloroethylene	9.89		"	10.0		98.9	76.3-139				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137				
Trichloroethylene	9.20		"	10.0		92.0	77.9-130				
Trichlorofluoromethane	9.34		"	10.0		93.4	57.4-133				
Vinyl Chloride	9.07		"	10.0		90.7	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	10.0		"	10.0		100	72.6-129				
Surrogate: p-Bromofluorobenzene	10.0		"	10.0		100	63.5-145				
Surrogate: Toluene-d8	9.79		"	10.0		97.9	81.2-127				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20840 - EPA 5030B											
LCS Dup (BD20840-BSD1)						Prepared & Analyzed: 04/23/2012					
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82.3-130		0.901	21.1	
1,1,1-Trichloroethane	9.63		"	10.0		96.3	75.6-137		3.92	19.7	
1,1,2,2-Tetrachloroethane	9.51		"	10.0		95.1	71.3-131		6.74	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	71.1-129		3.60	21.7	
1,1,2-Trichloroethane	10.2		"	10.0		102	74.5-129		3.59	20.3	
1,1-Dichloroethane	10.5		"	10.0		105	79.6-132		4.88	20.6	
1,1-Dichloroethylene	10.5		"	10.0		105	80.2-146		1.44	20	
1,1-Dichloropropylene	14.6		"	10.0		146	75-136	High Bias	4.12	19.3	
1,2,3-Trichlorobenzene	10.8		"	10.0		108	66.1-136		5.23	21.6	
1,2,3-Trichloropropane	9.12		"	10.0		91.2	63-131		7.16	23.9	
1,2,4-Trichlorobenzene	11.3		"	10.0		113	70.6-136		4.43	21.7	
1,2,4-Trimethylbenzene	9.17		"	10.0		91.7	75.3-135		0.218	18.8	
1,2-Dibromo-3-chloropropane	9.81		"	10.0		98.1	58.9-140		1.52	27.7	
1,2-Dibromoethane	11.1		"	10.0		111	79-130		6.15	23	
1,2-Dichlorobenzene	9.31		"	10.0		93.1	76.1-122		2.17	19.8	
1,2-Dichloroethane	10.8		"	10.0		108	74.6-132		6.93	20.2	
1,2-Dichloropropane	10.2		"	10.0		102	76.9-129		0.293	20.7	
1,3,5-Trimethylbenzene	8.57		"	10.0		85.7	70.6-127		2.31	18.9	
1,3-Dichlorobenzene	9.21		"	10.0		92.1	77-124		3.87	19.2	
1,3-Dichloropropane	10.1		"	10.0		101	75.8-126		4.36	22.1	
1,4-Dichlorobenzene	9.14		"	10.0		91.4	76.6-125		0.546	18.6	
2,2-Dichloropropane	10.9		"	10.0		109	69-133		4.04	19.8	
2-Chlorotoluene	8.52		"	10.0		85.2	66.3-119		0.117	21.6	
2-Hexanone	10.6		"	10.0		106	70-130		6.81	30	
4-Chlorotoluene	8.53		"	10.0		85.3	69.2-127		6.03	19	
Acetone	4.72		"	10.0		47.2	70-130	Low Bias	33.1	30	Non-dir.
Benzene	10.2		"	10.0		102	76.2-129		4.81	19	
Bromobenzene	8.79		"	10.0		87.9	71.3-123		1.14	20.3	
Bromochloromethane	11.6		"	10.0		116	70.8-137		9.80	23.9	
Bromodichloromethane	10.3		"	10.0		103	79.7-134		2.36	21	
Bromoform	10.1		"	10.0		101	70.5-141		4.24	21.8	
Bromomethane	9.78		"	10.0		97.8	43.9-147		8.97	28.4	
Carbon tetrachloride	13.4		"	10.0		134	78.1-138		2.58	20.1	
Chlorobenzene	9.65		"	10.0		96.5	80.4-125		1.04	19.9	
Chloroethane	9.65		"	10.0		96.5	55.8-140		0.310	23.3	
Chloroform	9.82		"	10.0		98.2	76.6-133		5.76	20.3	
Chloromethane	7.59		"	10.0		75.9	48.8-115		2.13	24.5	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	75.1-128		8.31	20.5	
cis-1,3-Dichloropropylene	9.99		"	10.0		99.9	74.5-128		1.82	19.9	
Dibromochloromethane	10.8		"	10.0		108	79.8-134		6.68	21.3	
Dibromomethane	10.4		"	10.0		104	79-130		6.16	22.4	
Dichlorodifluoromethane	8.33		"	10.0		83.3	47.1-101		3.54	23.9	
Ethyl Benzene	9.51		"	10.0		95.1	80.8-128		0.942	19.2	
Hexachlorobutadiene	8.92		"	10.0		89.2	64.8-128		0.670	20.6	
Isopropylbenzene	8.92		"	10.0		89.2	75.5-135		1.89	20	
Methyl tert-butyl ether (MTBE)	16.3		"	10.0		163	65.1-140	High Bias	13.5	23.6	
Methylene chloride	7.98		"	10.0		79.8	61.3-120		1.13	20.4	
Naphthalene	10.3		"	10.0		103	62.3-148		10.2	27.1	
n-Butylbenzene	8.53		"	10.0		85.3	67.2-123		0.117	19.1	
n-Propylbenzene	8.59		"	10.0		85.9	70.5-127		1.27	23.4	
o-Xylene	9.11		"	10.0		91.1	75.9-122		0.438	19.3	
p- & m- Xylenes	18.6		"	20.0		92.8	77.7-127		2.03	18.6	
p-Isopropyltoluene	8.83		"	10.0		88.3	75.6-129		0.113	19.1	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20840 - EPA 5030B

LCS Dup (BD20840-BSD1)

Prepared & Analyzed: 04/23/2012

sec-Butylbenzene	8.37		ug/L	10.0		83.7	71.5-125		1.89	18.9
Styrene	9.55		"	10.0		95.5	77.8-123		0.626	20.9
tert-Butylbenzene	9.19		"	10.0		91.9	75.9-151		0.217	20.9
Tetrachloroethylene	9.61		"	10.0		96.1	63.6-167		0.00	27.7
Toluene	9.08		"	10.0		90.8	77-123		2.18	18.7
trans-1,2-Dichloroethylene	10.0		"	10.0		100	76.3-139		1.60	19.5
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137		5.60	19.3
Trichloroethylene	9.15		"	10.0		91.5	77.9-130		0.545	20.5
Trichlorofluoromethane	9.60		"	10.0		96.0	57.4-133		2.75	21.4
Vinyl Chloride	9.40		"	10.0		94.0	54.9-124		3.57	22.3
Surrogate: 1,2-Dichloroethane-d4	11.0		"	10.0		110	72.6-129			
Surrogate: p-Bromofluorobenzene	9.95		"	10.0		99.5	63.5-145			
Surrogate: Toluene-d8	9.30		"	10.0		93.0	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 BD20849 - EPA 3010A											
Blank (BD20849-BLK1)											
								Prepared & Analyzed: 04/23/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BD20849-DUP1)											
*Source sample: 12D0664-01 (WQ41912:1110NP2-10)								Prepared & Analyzed: 04/23/2012			
Iron	0.129	0.0100	mg/L		0.141				9.33	20	
Matrix Spike (BD20849-MS1)											
*Source sample: 12D0664-01 (WQ41912:1110NP2-10)								Prepared & Analyzed: 04/23/2012			
Iron	1.25	0.0100	mg/L	1.00	0.141	111	75-125				
Reference (BD20849-SRM1)											
								Prepared & Analyzed: 04/23/2012			
Iron	0.602	0.0100	mg/L	0.589		102	87.9-113				

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 BD20849 - EPA 3010A											
Blank (BD20849-BLK1)						Prepared & Analyzed: 04/23/2012					
Iron	ND	0.0100	mg/L								
Duplicate (BD20849-DUP1)						*Source sample: 12D0664-01 (WQ41912:1110NP2-10) Prepared & Analyzed: 04/23/2012					
Iron	2.88	0.0100	mg/L		2.91				0.981	20	
Matrix Spike (BD20849-MS1)						*Source sample: 12D0664-01 (WQ41912:1110NP2-10) Prepared & Analyzed: 04/23/2012					
Iron	4.04	0.0100	mg/L	1.00	2.91	113	75-125				
Reference (BD20849-SRM1)						Prepared & Analyzed: 04/23/2012					
Iron	0.602	0.0100	mg/L	0.589		102	87.9-113				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20816 - % Solids Prep**Blank (BD20816-BLK1)**

Prepared & Analyzed: 04/24/2012

Total Dissolved Solids ND 1.00 mg/L

Duplicate (BD20816-DUP1)

*Source sample: 12D0664-01 (WQ41912:1110NP2-10)

Prepared & Analyzed: 04/24/2012

Total Dissolved Solids 98.0 1.00 mg/L 102 4.00 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.

120 RESEARCH DR. STRATFORD, CT 06615
12031 325-1371 FAX (203) 357-0166

Page 1 of 1

York Project No. 1220663

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>
City: <u>Shelton, CT 06484</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>	City: <u>Same</u>
Phone No. <u>203-929-8555</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>
Contact Person: <u>Tunde 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) _____ STEPHEN HINAT											
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 6010 (SW 846-6010) / Vol's, 8260 List (EPA SW 845-8260) plus from 113								
W241912 1100NF2-60	4/15/12 1100	GW	Fe by EPA 200.7 Fe, Dissolved by EPA 6010 (SW 846-6010) / Vol's, 8260 List (EPA SW 845-8260) plus from 113 / TD5 (SH 3540C)								
W241912 1105NF2-7	4/15/12 1105	GW									
W241912 1110NF2-10	4/15/12 1110	GW									
Comments											
Preservation Check these Applicable: ☐ Special Instructions ☐ Field Filtered ☐ Lab to Filter											
Temperature on Receipt 4.7 °C											

Technical Report

prepared for:

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

Report Date: 04/30/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12D0746

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 04/30/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12D0746

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 April 24, 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>
12D0746-01	WQ42312:1020NP2-10	Water	04/23/2012	04/24/2012
12D0747-01	WQ42312:1010NP2-6	Water	04/23/2012	04/24/2012
12D0747-02	WQ42312:1015NP2-7	Water	04/23/2012	04/24/2012

General Notes for York Project (SDG) No.: 12D0746

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: 04/30/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ42312:1020NP2-10

York Sample ID: 12D0746-01

York Project (SDG) No.

12D0746

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

April 23, 2012 10:20 am

Date Received

04/24/2012

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	04/24/2012 14:33	04/25/2012 02:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	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	04/24/2012 14:33	04/25/2012 02:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS

Sample Information

Client Sample ID: WQ42312:1020NP2-10

York Sample ID: 12D0746-01

York Project (SDG) No.
12D0746

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 23, 2012 10:20 am

Date Received
04/24/2012

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	04/24/2012 14:33	04/25/2012 02:54	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
75-09-2	Methylene chloride	0.63	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.5 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	97.2 %	81.2-127								

Sample Information

Client Sample ID: WQ42312:1020NP2-10

York Sample ID: 12D0746-01

York Project (SDG) No.
12D0746

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 23, 2012 10:20 am

Date Received
04/24/2012

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	0.0180		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/24/2012 15:20	04/24/2012 20:21	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	1.47		mg/L	0.00550	0.0100	1	EPA 200.7	04/24/2012 15:20	04/24/2012 20:52	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	136		mg/L	1.00	1.00	1	SM 2540C	04/25/2012 14:52	04/25/2012 14:52	AMC

Sample Information

Client Sample ID: WQ42312:1010NP2-6

York Sample ID: 12D0747-01

York Project (SDG) No.
12D0747

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 23, 2012 10:10 am

Date Received
04/24/2012

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	04/24/2012 14:33	04/25/2012 03:39	SS
71-55-6	1,1,1-Trichloroethane	0.34	J	ug/L	0.043	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	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	04/24/2012 14:33	04/25/2012 03:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
75-34-3	1,1-Dichloroethane	0.19	J	ug/L	0.056	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS

Sample Information

Client Sample ID: WQ42312:1010NP2-6

York Sample ID: 12D0747-01

York Project (SDG) No.
12D0747

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 23, 2012 10:10 am

Date Received
04/24/2012

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
67-66-3	Chloroform	0.22	J	ug/L	0.051	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.11	J	ug/L	0.081	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
75-09-2	Methylene chloride	0.56	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS

Sample Information

Client Sample ID: WQ42312:1010NP2-6

York Sample ID: 12D0747-01

York Project (SDG) No.
12D0747

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 23, 2012 10:10 am

Date Received
04/24/2012

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
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
127-18-4	Tetrachloroethylene	0.51		ug/L	0.054	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
79-01-6	Trichloroethylene	0.12	J	ug/L	0.067	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	94.0 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	97.0 %		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	0.0322		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/24/2012 15:20	04/24/2012 21:10	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	1.44		mg/L	0.00550	0.0100	1	EPA 200.7	04/24/2012 15:20	04/24/2012 21:14	MW

Sample Information

Client Sample ID: WQ42312:1015NP2-7

York Sample ID: 12D0747-02

York Project (SDG) No.
12D0747

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 23, 2012 10:15 am

Date Received
04/24/2012

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	04/24/2012 14:33	04/25/2012 04:23	SS

Sample Information

Client Sample ID: WQ42312:1015NP2-7

York Sample ID: 12D0747-02

York Project (SDG) No.
12D0747

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 23, 2012 10:15 am

Date Received
04/24/2012

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
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	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	04/24/2012 14:33	04/25/2012 04:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS

Sample Information

Client Sample ID: WQ42312:1015NP2-7

York Sample ID: 12D0747-02

York Project (SDG) No.
12D0747

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 23, 2012 10:15 am

Date Received
04/24/2012

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
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
75-09-2	Methylene chloride	0.62	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	96.2 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.1 %	81.2-127								

Sample Information

Client Sample ID: WQ42312:1015NP2-7

York Sample ID: 12D0747-02

York Project (SDG) No.
12D0747

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 23, 2012 10:15 am

Date Received
04/24/2012

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	0.0160		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/24/2012 15:20	04/24/2012 21:19	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	0.995		mg/L	0.00550	0.0100	1	EPA 200.7	04/24/2012 15:20	04/24/2012 21:24	MW

Analytical Batch Summary

Batch ID: BD20904 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12D0746-01	WQ42312:1020NP2-10	04/24/12
12D0747-01	WQ42312:1010NP2-6	04/24/12
12D0747-02	WQ42312:1015NP2-7	04/24/12
BD20904-BLK1	Blank	04/24/12
BD20904-BS1	LCS	04/24/12
BD20904-BSD1	LCS Dup	04/24/12

Batch ID: BD20915 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12D0746-01	WQ42312:1020NP2-10	04/24/12
12D0746-01	WQ42312:1020NP2-10	04/24/12
12D0747-01	WQ42312:1010NP2-6	04/24/12
12D0747-01	WQ42312:1010NP2-6	04/24/12
12D0747-02	WQ42312:1015NP2-7	04/24/12
12D0747-02	WQ42312:1015NP2-7	04/24/12
BD20915-BLK1	Blank	04/24/12
BD20915-BLK1	Blank	04/24/12
BD20915-DUP1	Duplicate	04/24/12
BD20915-DUP1	Duplicate	04/24/12
BD20915-MS1	Matrix Spike	04/24/12
BD20915-MS1	Matrix Spike	04/24/12
BD20915-SRM1	Reference	04/24/12
BD20915-SRM1	Reference	04/24/12

Batch ID: BD20921 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12D0746-01	WQ42312:1020NP2-10	04/25/12
BD20921-BLK1	Blank	04/25/12
BD20921-DUP1	Duplicate	04/25/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20904 - EPA 5030B

Blank (BD20904-BLK1)

Prepared: 04/24/2012 Analyzed: 04/25/2012

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	4.0	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	2.2	2.0	"
Naphthalene	0.53	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	"

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20904 - EPA 5030B

Blank (BD20904-BLK1)

Prepared: 04/24/2012 Analyzed: 04/25/2012

sec-Butylbenzene	ND	0.50	ug/L
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	9.71	"	10.0	97.1	72.6-129
Surrogate: p-Bromofluorobenzene	9.44	"	10.0	94.4	63.5-145
Surrogate: Toluene-d8	9.99	"	10.0	99.9	81.2-127

LCS (BD20904-BS1)

Prepared & Analyzed: 04/24/2012

1,1,1,2-Tetrachloroethane	10.2	ug/L	10.0	102	82.3-130	
1,1,1-Trichloroethane	10.4	"	10.0	104	75.6-137	
1,1,2,2-Tetrachloroethane	9.44	"	10.0	94.4	71.3-131	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3	"	10.0	113	71.1-129	
1,1,2-Trichloroethane	11.1	"	10.0	111	74.5-129	
1,1-Dichloroethane	11.2	"	10.0	112	79.6-132	
1,1-Dichloroethylene	11.2	"	10.0	112	80.2-146	
1,1-Dichloropropylene	13.9	"	10.0	139	75-136	High Bias
1,2,3-Trichlorobenzene	12.2	"	10.0	122	66.1-136	
1,2,3-Trichloropropane	9.67	"	10.0	96.7	63-131	
1,2,4-Trichlorobenzene	11.8	"	10.0	118	70.6-136	
1,2,4-Trimethylbenzene	9.41	"	10.0	94.1	75.3-135	
1,2-Dibromo-3-chloropropane	9.76	"	10.0	97.6	58.9-140	
1,2-Dibromoethane	11.2	"	10.0	112	79-130	
1,2-Dichlorobenzene	9.61	"	10.0	96.1	76.1-122	
1,2-Dichloroethane	11.1	"	10.0	111	74.6-132	
1,2-Dichloropropane	10.9	"	10.0	109	76.9-129	
1,3,5-Trimethylbenzene	8.93	"	10.0	89.3	70.6-127	
1,3-Dichlorobenzene	9.27	"	10.0	92.7	77-124	
1,3-Dichloropropane	10.6	"	10.0	106	75.8-126	
1,4-Dichlorobenzene	9.53	"	10.0	95.3	76.6-125	
2,2-Dichloropropane	8.80	"	10.0	88.0	69-133	
2-Chlorotoluene	8.78	"	10.0	87.8	66.3-119	
2-Hexanone	11.3	"	10.0	113	70-130	
4-Chlorotoluene	9.26	"	10.0	92.6	69.2-127	
Acetone	3.40	"	10.0	34.0	70-130	Low Bias
Benzene	11.0	"	10.0	110	76.2-129	
Bromobenzene	9.12	"	10.0	91.2	71.3-123	
Bromochloromethane	12.5	"	10.0	125	70.8-137	
Bromodichloromethane	11.0	"	10.0	110	79.7-134	
Bromoform	9.54	"	10.0	95.4	70.5-141	
Bromomethane	10.5	"	10.0	105	43.9-147	
Carbon tetrachloride	13.0	"	10.0	130	78.1-138	
Chlorobenzene	9.92	"	10.0	99.2	80.4-125	
Chloroethane	11.0	"	10.0	110	55.8-140	
Chloroform	10.5	"	10.0	105	76.6-133	
Chloromethane	8.68	"	10.0	86.8	48.8-115	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20904 - EPA 5030B

LCS (BD20904-BS1)

Prepared & Analyzed: 04/24/2012

cis-1,2-Dichloroethylene	11.0		ug/L	10.0		110	75.1-128				
cis-1,3-Dichloropropylene	9.60		"	10.0		96.0	74.5-128				
Dibromochloromethane	10.8		"	10.0		108	79.8-134				
Dibromomethane	11.4		"	10.0		114	79-130				
Dichlorodifluoromethane	8.43		"	10.0		84.3	47.1-101				
Ethyl Benzene	10.4		"	10.0		104	80.8-128				
Hexachlorobutadiene	9.75		"	10.0		97.5	64.8-128				
Isopropylbenzene	9.28		"	10.0		92.8	75.5-135				
Methyl tert-butyl ether (MTBE)	15.8		"	10.0		158	65.1-140	High Bias			
Methylene chloride	8.06		"	10.0		80.6	61.3-120				
Naphthalene	10.6		"	10.0		106	62.3-148				
n-Butylbenzene	9.20		"	10.0		92.0	67.2-123				
n-Propylbenzene	9.10		"	10.0		91.0	70.5-127				
o-Xylene	9.83		"	10.0		98.3	75.9-122				
p- & m- Xylenes	20.6		"	20.0		103	77.7-127				
p-Isopropyltoluene	9.09		"	10.0		90.9	75.6-129				
sec-Butylbenzene	8.87		"	10.0		88.7	71.5-125				
Styrene	10.3		"	10.0		103	77.8-123				
tert-Butylbenzene	9.01		"	10.0		90.1	75.9-151				
Tetrachloroethylene	15.1		"	10.0		151	63.6-167				
Toluene	10.1		"	10.0		101	77-123				
trans-1,2-Dichloroethylene	10.7		"	10.0		107	76.3-139				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137				
Trichloroethylene	10.1		"	10.0		101	77.9-130				
Trichlorofluoromethane	10.4		"	10.0		104	57.4-133				
Vinyl Chloride	10.6		"	10.0		106	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	10.6		"	10.0		106	72.6-129				
Surrogate: p-Bromofluorobenzene	9.44		"	10.0		94.4	63.5-145				
Surrogate: Toluene-d8	9.57		"	10.0		95.7	81.2-127				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20904 - EPA 5030B											
LCS Dup (BD20904-BSD1)						Prepared: 04/24/2012 Analyzed: 04/25/2012					
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82.3-130		0.783	21.1	
1,1,1-Trichloroethane	10.3		"	10.0		103	75.6-137		0.0967	19.7	
1,1,2,2-Tetrachloroethane	9.16		"	10.0		91.6	71.3-131		3.01	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	71.1-129		0.622	21.7	
1,1,2-Trichloroethane	10.7		"	10.0		107	74.5-129		4.40	20.3	
1,1-Dichloroethane	10.9		"	10.0		109	79.6-132		2.99	20.6	
1,1-Dichloroethylene	11.3		"	10.0		113	80.2-146		0.622	20	
1,1-Dichloropropylene	14.9		"	10.0		149	75-136	High Bias	7.22	19.3	
1,2,3-Trichlorobenzene	11.2		"	10.0		112	66.1-136		8.55	21.6	
1,2,3-Trichloropropane	8.95		"	10.0		89.5	63-131		7.73	23.9	
1,2,4-Trichlorobenzene	11.3		"	10.0		113	70.6-136		4.68	21.7	
1,2,4-Trimethylbenzene	9.59		"	10.0		95.9	75.3-135		1.89	18.8	
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	58.9-140		2.63	27.7	
1,2-Dibromoethane	11.2		"	10.0		112	79-130		0.714	23	
1,2-Dichlorobenzene	9.44		"	10.0		94.4	76.1-122		1.78	19.8	
1,2-Dichloroethane	10.7		"	10.0		107	74.6-132		4.13	20.2	
1,2-Dichloropropane	10.7		"	10.0		107	76.9-129		1.39	20.7	
1,3,5-Trimethylbenzene	9.19		"	10.0		91.9	70.6-127		2.87	18.9	
1,3-Dichlorobenzene	9.13		"	10.0		91.3	77-124		1.52	19.2	
1,3-Dichloropropane	10.3		"	10.0		103	75.8-126		2.78	22.1	
1,4-Dichlorobenzene	9.38		"	10.0		93.8	76.6-125		1.59	18.6	
2,2-Dichloropropane	8.69		"	10.0		86.9	69-133		1.26	19.8	
2-Chlorotoluene	8.99		"	10.0		89.9	66.3-119		2.36	21.6	
2-Hexanone	11.1		"	10.0		111	70-130		1.69	30	
4-Chlorotoluene	9.00		"	10.0		90.0	69.2-127		2.85	19	
Acetone	3.61		"	10.0		36.1	70-130	Low Bias	5.99	30	
Benzene	10.8		"	10.0		108	76.2-129		1.83	19	
Bromobenzene	9.11		"	10.0		91.1	71.3-123		0.110	20.3	
Bromochloromethane	11.5		"	10.0		115	70.8-137		8.43	23.9	
Bromodichloromethane	10.7		"	10.0		107	79.7-134		3.41	21	
Bromoform	9.02		"	10.0		90.2	70.5-141		5.60	21.8	
Bromomethane	10.8		"	10.0		108	43.9-147		2.62	28.4	
Carbon tetrachloride	13.4		"	10.0		134	78.1-138		2.95	20.1	
Chlorobenzene	10.1		"	10.0		101	80.4-125		1.90	19.9	
Chloroethane	10.9		"	10.0		109	55.8-140		1.00	23.3	
Chloroform	10.3		"	10.0		103	76.6-133		1.63	20.3	
Chloromethane	8.61		"	10.0		86.1	48.8-115		0.810	24.5	
cis-1,2-Dichloroethylene	10.7		"	10.0		107	75.1-128		2.77	20.5	
cis-1,3-Dichloropropylene	9.73		"	10.0		97.3	74.5-128		1.35	19.9	
Dibromochloromethane	10.0		"	10.0		100	79.8-134		7.13	21.3	
Dibromomethane	10.9		"	10.0		109	79-130		4.13	22.4	
Dichlorodifluoromethane	8.74		"	10.0		87.4	47.1-101		3.61	23.9	
Ethyl Benzene	10.8		"	10.0		108	80.8-128		4.16	19.2	
Hexachlorobutadiene	9.83		"	10.0		98.3	64.8-128		0.817	20.6	
Isopropylbenzene	9.73		"	10.0		97.3	75.5-135		4.73	20	
Methyl tert-butyl ether (MTBE)	14.7		"	10.0		147	65.1-140	High Bias	7.60	23.6	
Methylene chloride	7.63		"	10.0		76.3	61.3-120		5.48	20.4	
Naphthalene	10.3		"	10.0		103	62.3-148		2.97	27.1	
n-Butylbenzene	9.42		"	10.0		94.2	67.2-123		2.36	19.1	
n-Propylbenzene	9.45		"	10.0		94.5	70.5-127		3.77	23.4	
o-Xylene	10.1		"	10.0		101	75.9-122		2.31	19.3	
p- & m- Xylenes	20.8		"	20.0		104	77.7-127		1.16	18.6	
p-Isopropyltoluene	9.49		"	10.0		94.9	75.6-129		4.31	19.1	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20904 - EPA 5030B

LCS Dup (BD20904-BSD1)

Prepared: 04/24/2012 Analyzed: 04/25/2012

sec-Butylbenzene	9.35		ug/L	10.0		93.5	71.5-125		5.27	18.9	
Styrene	10.4		"	10.0		104	77.8-123		1.06	20.9	
tert-Butylbenzene	9.15		"	10.0		91.5	75.9-151		1.54	20.9	
Tetrachloroethylene	16.2		"	10.0		162	63.6-167		7.10	27.7	
Toluene	10.3		"	10.0		103	77-123		1.47	18.7	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	76.3-139		2.74	19.5	
trans-1,3-Dichloropropylene	10.0		"	10.0		100	72.5-137		5.15	19.3	
Trichloroethylene	10.5		"	10.0		105	77.9-130		3.98	20.5	
Trichlorofluoromethane	10.6		"	10.0		106	57.4-133		1.72	21.4	
Vinyl Chloride	10.8		"	10.0		108	54.9-124		1.22	22.3	
Surrogate: 1,2-Dichloroethane-d4	10.3		"	10.0		103	72.6-129				
Surrogate: p-Bromofluorobenzene	9.81		"	10.0		98.1	63.5-145				
Surrogate: Toluene-d8	9.80		"	10.0		98.0	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 BD20915 - EPA 3010A											
Blank (BD20915-BLK1)											
								Prepared & Analyzed: 04/24/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BD20915-DUP1)											
*Source sample: 12D0746-01 (WQ42312:1020NP2-10)								Prepared & Analyzed: 04/24/2012			
Iron	0.0124	0.0100	mg/L		0.0180				36.7	20	Non-dir.
Matrix Spike (BD20915-MS1)											
*Source sample: 12D0746-01 (WQ42312:1020NP2-10)								Prepared & Analyzed: 04/24/2012			
Iron	1.13	0.0100	mg/L	1.00	0.0180	111	75-125				
Reference (BD20915-SRM1)											
								Prepared & Analyzed: 04/24/2012			
Iron	0.582	0.0100	mg/L	0.589		98.8	87.9-113				

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 BD20915 - EPA 3010A											
Blank (BD20915-BLK1)											
										Prepared & Analyzed: 04/24/2012	
Iron	ND	0.0100	mg/L								
Duplicate (BD20915-DUP1)											
*Source sample: 12D0746-01 (WQ42312:1020NP2-10)										Prepared & Analyzed: 04/24/2012	
Iron	1.46	0.0100	mg/L		1.47				0.696	20	
Matrix Spike (BD20915-MS1)											
*Source sample: 12D0746-01 (WQ42312:1020NP2-10)										Prepared & Analyzed: 04/24/2012	
Iron	2.60	0.0100	mg/L	1.00	1.47	113	75-125				
Reference (BD20915-SRM1)											
										Prepared & Analyzed: 04/24/2012	
Iron	0.582	0.0100	mg/L	0.589		98.8	87.9-113				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20921 - % Solids Prep**Blank (BD20921-BLK1)**

Prepared & Analyzed: 04/25/2012

Total Dissolved Solids ND 1.00 mg/L

Duplicate (BD20921-DUP1)

*Source sample: 12D0746-01 (WQ42312:1020NP2-10)

Prepared & Analyzed: 04/25/2012

Total Dissolved Solids 130 1.00 mg/L 136 4.51 15

Notes and Definitions

QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
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.

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 (203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

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York Project No. 12D0746

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>	Address: <u>4 Research Dr Suite 301</u>	Company: <u>Same</u>	Address: <u>Same</u>	Company: <u>Same</u>	Address: <u>Same</u>	Purchase Order No. <u>NABSA6</u>		RUSH - Same Day ☐	RUSH - Next Day ☐	Summary Report <u>X</u> pdf	Summary w/ QA Summary <u>X</u> pdf CT RCP Package CTCRP DQADUE Pkg NY ASP A Package NY ASP B Package <u>NB2-10 only</u> pdf NIDEP Red. Deliv. Electronic Data Deliverables (EDD) Simple Excel <u>X</u> NYSEDEC EQUIS EQUIS (std) EZ-EDD (BQUS) NIDEP SRP HazSite EDD GIS/KEY (std) Other York Regulatory Comparison Excel Spreadsheet Compare to the following flags (please fill in):	
Phone No. <u>263-929-8555</u>	Attention: <u>Tunde Sander</u>	Phone No. <u></u>	Attention: <u></u>	Phone No. <u></u>	Attention: <u></u>	Samples from: CT <u></u> NY <u>X</u> NJ <u></u>		RUSH - Two Day ☐	RUSH - Three Day ☐			
E-Mail Address: <u>TSander@LB6CT.com</u>	E-Mail Address: <u></u>	E-Mail Address: <u></u>	E-Mail Address: <u></u>	E-Mail Address: <u></u>	E-Mail Address: <u></u>	Standard (5-7 Days) ☒		RUSH - Four Day ☐				
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.		Volatiles 8260 full TICs Site Spec: Nacassau Co. Suffolk Co. MTBE TCE list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		Semit-Volatiles 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCE list NUDEP list App. IX TOLP BNA STPL or TOLP		Metals RCRA8 PP13 list TAL CT15 list TAGM list NUDEP list TCE list Dissolved STPL or TOLP Ind. Metals LIST Below		Misc. Conductivity Reactivity Ignitability Fresh Point Sieve Anal. Micrographs TOX BTU/B. Aquatic Tox. TOC Adsorbates Silica		Container Description(s) <u>2x 2P</u> <u>2x 2P</u> <u>2x 3P</u>		
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Choose Analyses Needed from the Menu Above and Enter Below <u>Fe by EPA 800-71 Fe, Dissolved by EPA 8010 (SW 846-6010B) 1 vol.</u> <u>P260 list (EPA SW 845-8260B) plus from 13</u> <u>Fe by EPA 800-71 Fe, Dissolved by EPA 8010 (SW 846-6010B) 1 vol.</u> <u>P260 list (EPA SW 845-8260B) plus from 13 / TDS (9H 2540C)</u>		Sample Matrix <u>GW</u> <u>GW</u> <u>GW</u>		Date Sampled <u>4/23/12 1010</u> <u>1015</u> <u>1020</u>		Sample Identification <u>WQ42312 1010NR2-6</u> <u>WQ42312 1015NR2-7</u> <u>WQ42312 1020NR2-10</u>		Comments Preservation Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐		
Signature: <u>STEPHEN HART</u> Name (printed)		Signature: <u>TC Sander</u> Date/Time: <u>4/24/12 10:30</u>		Signature: <u>TC Sander</u> Date/Time: <u>4/24/12 10:30</u>		Signature: <u>TC Sander</u> Date/Time: <u>4/24/12 10:30</u>		Signature: <u>TC Sander</u> Date/Time: <u>4/24/12 10:30</u>		Signature: <u>TC Sander</u> Date/Time: <u>4/24/12 10:30</u>		
Temperature on Receipt <u>3.7 °C</u>		Temperature on Receipt <u>3.7 °C</u>		Temperature on Receipt <u>3.7 °C</u>		Temperature on Receipt <u>3.7 °C</u>		Temperature on Receipt <u>3.7 °C</u>		Temperature on Receipt <u>3.7 °C</u>		

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Field Chain-of-Custody Record

Page 1 of 1

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

York Project No. 12D0747

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>Howe Industries</u>		Purchase Order No. <u>HAB5A6</u>		RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐		Summary Report <u>X</u> , pdf Summary w/ QA Summary <u>X</u> , pdf CT RCP Package CT RCP DQADUE Pkg NY ASP A Package NY ASP B Package <u>NY2-10 only</u> NIDEP Red. Deliv.	
Address: <u>4 Research Dr, Suite 301</u>	Address: _____	Address: _____		Address: _____		Samples from: CT NY <u>X</u> NJ		Standard (5-7 Days) ☒		Electronic Data Deliverables (EDD)	
Phone No. <u>203-929-8555</u>	Phone No. _____	Phone No. _____		Phone No. _____		Semit-Vols. ☐ Full Vols. ☐		Full Lists		Sample Excel <u>X</u>	
Contact Person: <u>Tonde Sandoz</u>	Attention: _____	Attention: _____		Attention: _____		Volatiles		Metals		Misc. Org.	
E-Mail Address: <u>TSandoz@LB6CT.com</u>	E-Mail Address: _____	E-Mail Address: _____		E-Mail Address: _____		8260 full		RCRA8		TPH GRO	
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				Date Sampled		Sample Matrix		Choose Analyses Needed from the Menu Above and Enter Below		Container Description(s)	
				4/23/12 1010		GW		Fe by EPA 800-71 Fe, Dissolved by EPA 6010 (SW 846-6010) 1 vol, 8260 list (EPA SW 845-8260) plus from 13		2V 2P	
				1015		GW		Fe by EPA 800-71 Fe, Dissolved by EPA 6010 (SW 846-6010) 1 vol, 8260 list (EPA SW 845-8260) plus from 13 / TDS (SW 846-6010)		2V 2P	
				1020		GW				2V 3P	
Comments				Preservation		4°C _____ Frozen _____ HCl _____ HNO ₃ _____ NaOH _____		Temperature on Receipt		3.7 °C	
Special Instructions				Check those Applicable		ZnAc _____ HCl _____ HNO ₃ _____ NaOH _____		Date/Time		Date/Time	
Field Filtered ☐				Special		Ascorbic Acid _____		Samples Received By		Date/Time	
Lab to Filter ☐				Instructions		ZnAc _____		Samples Relinquished By		Date/Time	
								Date/Time		Date/Time	

APPENDIX II
APRIL 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: 04/20/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12D0440

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 04/20/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12D0440

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 April 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>
12D0440-01	LWQ41012:1130NP1-1-2	Water	04/10/2012	04/12/2012
12D0440-02	LWQ41012:1140NP1-1-3	Water	04/10/2012	04/12/2012
12D0440-03	LWQ41012:1150NP1-1-4	Water	04/10/2012	04/12/2012
12D0440-04	LWQ41012:1200NP1-1-5	Water	04/10/2012	04/12/2012
12D0440-05	LWQ41012:1210NP1-1-6	Water	04/10/2012	04/12/2012
12D0440-06	LWQ41012:1220NP1-1-7	Water	04/10/2012	04/12/2012
12D0440-07	LWQ41012:1230NP1-1-8	Water	04/10/2012	04/12/2012
12D0440-08	LWQ41012:1240NP1-1-9	Water	04/10/2012	04/12/2012

General Notes for York Project (SDG) No.: 12D0440

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: 04/20/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: LWQ41012:1130NP1-1-2

York Sample ID: 12D0440-01

York Project (SDG) No.

12D0440

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

April 10, 2012 11:30 am

Date Received

04/12/2012

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	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
71-55-6	1,1,1-Trichloroethane	0.25	J	ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	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	04/16/2012 12:57	04/16/2012 15:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
87-61-6	1,2,3-Trichlorobenzene	0.10	J, B	ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
120-82-1	1,2,4-Trichlorobenzene	0.13	J, B	ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
75-25-2	Bromoform	0.12	J	ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS

Sample Information

Client Sample ID: LWQ41012:1130NP1-1-2

York Sample ID: 12D0440-01

York Project (SDG) No.
12D0440

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 11:30 am

Date Received
04/12/2012

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	0.094	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
67-66-3	Chloroform	0.16	J	ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
74-87-3	Chloromethane	0.13	J	ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
75-09-2	Methylene chloride	0.46	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
91-20-3	Naphthalene	0.33	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
127-18-4	Tetrachloroethylene	0.58		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
79-01-6	Trichloroethylene	0.18	J	ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	98.9 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								

Sample Information

Client Sample ID: LWQ41012:1140NP1-1-3

York Sample ID: 12D0440-02

York Project (SDG) No.
12D0440

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 11:40 am

Date Received
04/12/2012

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	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
71-55-6	1,1,1-Trichloroethane	0.16	J	ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	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	04/16/2012 12:57	04/16/2012 16:12	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS

Sample Information

Client Sample ID: LWQ41012:1140NP1-1-3

York Sample ID: 12D0440-02

York Project (SDG) No.
12D0440

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 11:40 am

Date Received
04/12/2012

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	0.094	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
74-87-3	Chloromethane	0.22	J	ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
75-09-2	Methylene chloride	0.48	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
91-20-3	Naphthalene	0.16	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
127-18-4	Tetrachloroethylene	0.12	J	ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
79-01-6	Trichloroethylene	0.52		ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.9 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	98.7 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	103 %	81.2-127								

Sample Information

Client Sample ID: LWQ41012:1150NP1-1-4

York Sample ID: 12D0440-03

York Project (SDG) No.
12D0440

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
04/12/2012

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	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
71-55-6	1,1,1-Trichloroethane	3.4		ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	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	04/16/2012 12:57	04/16/2012 16:55	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
75-34-3	1,1-Dichloroethane	1.9		ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
75-35-4	1,1-Dichloroethylene	0.14	J	ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
75-25-2	Bromoform	0.40	J	ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS

Sample Information

Client Sample ID: LWQ41012:1150NP1-1-4

York Sample ID: 12D0440-03

York Project (SDG) No.
12D0440

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
04/12/2012

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	0.094	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
67-66-3	Chloroform	0.18	J	ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
74-87-3	Chloromethane	0.16	J	ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
124-48-1	Dibromochloromethane	0.13	J	ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.10	J	ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
75-09-2	Methylene chloride	0.50	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
91-20-3	Naphthalene	0.11	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
127-18-4	Tetrachloroethylene	0.86		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
79-01-6	Trichloroethylene	0.11	J	ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.5 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	96.3 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								

Sample Information

Client Sample ID: LWQ41012:1200NP1-1-5

York Sample ID: 12D0440-04

York Project (SDG) No.
12D0440

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 12:00 pm

Date Received
04/12/2012

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	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
71-55-6	1,1,1-Trichloroethane	0.46	J	ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	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	04/16/2012 12:57	04/16/2012 17:37	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
75-34-3	1,1-Dichloroethane	0.35	J	ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
75-25-2	Bromoform	0.24	J	ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS

Sample Information

Client Sample ID: LWQ41012:1200NP1-1-5

York Sample ID: 12D0440-04

York Project (SDG) No.
12D0440

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 12:00 pm

Date Received
04/12/2012

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	0.094	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
67-66-3	Chloroform	0.51		ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
74-87-3	Chloromethane	0.15	J	ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
124-48-1	Dibromochloromethane	0.12	J	ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
75-09-2	Methylene chloride	0.47	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.6 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	96.6 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	100 %	81.2-127								

Sample Information

Client Sample ID: LWQ41012:1210NP1-1-6

York Sample ID: 12D0440-05

York Project (SDG) No.
12D0440

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
04/12/2012

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	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
71-55-6	1,1,1-Trichloroethane	2.0		ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	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	04/16/2012 12:57	04/16/2012 18:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
75-34-3	1,1-Dichloroethane	0.62		ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
75-35-4	1,1-Dichloroethylene	0.13	J	ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
75-25-2	Bromoform	0.18	J	ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS

Sample Information

Client Sample ID: LWQ41012:1210NP1-1-6

York Sample ID: 12D0440-05

York Project (SDG) No.
12D0440

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
04/12/2012

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	0.094	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
67-66-3	Chloroform	0.25	J	ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.24	J	ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
75-09-2	Methylene chloride	0.46	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
127-18-4	Tetrachloroethylene	2.8		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
79-01-6	Trichloroethylene	0.12	J	ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.4 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								

Sample Information

Client Sample ID: LWQ41012:1220NP1-1-7

York Sample ID: 12D0440-06

York Project (SDG) No.
12D0440

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
04/12/2012

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	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
71-55-6	1,1,1-Trichloroethane	0.24	J	ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	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	04/16/2012 12:57	04/16/2012 19:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
75-34-3	1,1-Dichloroethane	0.18	J	ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS

Sample Information

Client Sample ID: LWQ41012:1220NP1-1-7

York Sample ID: 12D0440-06

York Project (SDG) No.
12D0440

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
04/12/2012

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	0.094	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
67-66-3	Chloroform	0.19	J	ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
74-87-3	Chloromethane	0.15	J	ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.18	J	ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
75-09-2	Methylene chloride	0.52	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
127-18-4	Tetrachloroethylene	1.1		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.4 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								

Sample Information

Client Sample ID: LWQ41012:1230NP1-1-8

York Sample ID: 12D0440-07

York Project (SDG) No.
12D0440

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 12:30 pm

Date Received
04/12/2012

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	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	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	04/16/2012 12:57	04/16/2012 19:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS

Sample Information

Client Sample ID: LWQ41012:1230NP1-1-8

York Sample ID: 12D0440-07

York Project (SDG) No.
12D0440

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 12:30 pm

Date Received
04/12/2012

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	0.094	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
75-09-2	Methylene chloride	0.44	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	95.9 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								

Sample Information

Client Sample ID: LWQ41012:1240NP1-1-9

York Sample ID: 12D0440-08

York Project (SDG) No.
12D0440

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 12:40 pm

Date Received
04/12/2012

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	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	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	04/16/2012 12:57	04/16/2012 20:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
75-25-2	Bromoform	0.46	J	ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS

Sample Information

Client Sample ID: LWQ41012:1240NP1-1-9

York Sample ID: 12D0440-08

York Project (SDG) No.
12D0440

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 12:40 pm

Date Received
04/12/2012

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	0.094	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
74-87-3	Chloromethane	0.12	J	ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
124-48-1	Dibromochloromethane	0.21	J	ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
75-09-2	Methylene chloride	0.48	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.0 %	72.6-129
460-00-4	Surrogate: p-Bromofluorobenzene	93.9 %	63.5-145
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127

Analytical Batch Summary

Batch ID: BD20570

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12D0440-01	LWQ41012:1130NP1-1-2	04/16/12
12D0440-02	LWQ41012:1140NP1-1-3	04/16/12
12D0440-03	LWQ41012:1150NP1-1-4	04/16/12
12D0440-04	LWQ41012:1200NP1-1-5	04/16/12
12D0440-05	LWQ41012:1210NP1-1-6	04/16/12
12D0440-06	LWQ41012:1220NP1-1-7	04/16/12
12D0440-07	LWQ41012:1230NP1-1-8	04/16/12
12D0440-08	LWQ41012:1240NP1-1-9	04/16/12
BD20570-BLK1	Blank	04/16/12
BD20570-BS1	LCS	04/16/12
BD20570-BSD1	LCS Dup	04/16/12
BD20570-MS1	Matrix Spike	04/16/12
BD20570-MSD1	Matrix Spike Dup	04/16/12

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
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Batch BD20570 - EPA 5030B

Blank (BD20570-BLK1)

Prepared & Analyzed: 04/16/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	0.90	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	0.73	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	1.4	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	1.1	2.0	"
Naphthalene	3.1	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	"

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20570 - EPA 5030B

Blank (BD20570-BLK1)

Prepared & Analyzed: 04/16/2012

sec-Butylbenzene	ND	0.50	ug/L
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	7.84	"	10.0	78.4	72.6-129
Surrogate: p-Bromofluorobenzene	10.9	"	10.0	109	63.5-145
Surrogate: Toluene-d8	10.9	"	10.0	109	81.2-127

LCS (BD20570-BS1)

Prepared & Analyzed: 04/16/2012

1,1,1,2-Tetrachloroethane	9.25	ug/L	10.0	92.5	82.3-130
1,1,1-Trichloroethane	8.63	"	10.0	86.3	75.6-137
1,1,2,2-Tetrachloroethane	8.75	"	10.0	87.5	71.3-131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.53	"	10.0	85.3	71.1-129
1,1,2-Trichloroethane	9.42	"	10.0	94.2	74.5-129
1,1-Dichloroethane	9.26	"	10.0	92.6	79.6-132
1,1-Dichloroethylene	9.27	"	10.0	92.7	80.2-146
1,1-Dichloropropylene	12.6	"	10.0	126	75-136
1,2,3-Trichlorobenzene	9.09	"	10.0	90.9	66.1-136
1,2,3-Trichloropropane	8.48	"	10.0	84.8	63-131
1,2,4-Trichlorobenzene	9.44	"	10.0	94.4	70.6-136
1,2,4-Trimethylbenzene	8.82	"	10.0	88.2	75.3-135
1,2-Dibromo-3-chloropropane	9.03	"	10.0	90.3	58.9-140
1,2-Dibromoethane	9.43	"	10.0	94.3	79-130
1,2-Dichlorobenzene	8.61	"	10.0	86.1	76.1-122
1,2-Dichloroethane	8.98	"	10.0	89.8	74.6-132
1,2-Dichloropropane	9.51	"	10.0	95.1	76.9-129
1,3,5-Trimethylbenzene	8.51	"	10.0	85.1	70.6-127
1,3-Dichlorobenzene	8.37	"	10.0	83.7	77-124
1,3-Dichloropropane	9.08	"	10.0	90.8	75.8-126
1,4-Dichlorobenzene	8.48	"	10.0	84.8	76.6-125
2,2-Dichloropropane	8.40	"	10.0	84.0	69-133
2-Chlorotoluene	8.44	"	10.0	84.4	66.3-119
2-Hexanone	9.67	"	10.0	96.7	70-130
4-Chlorotoluene	8.70	"	10.0	87.0	69.2-127
Acetone	5.22	"	10.0	52.2	70-130
Benzene	9.10	"	10.0	91.0	76.2-129
Bromobenzene	8.71	"	10.0	87.1	71.3-123
Bromochloromethane	10.0	"	10.0	100	70.8-137
Bromodichloromethane	9.64	"	10.0	96.4	79.7-134
Bromoform	8.86	"	10.0	88.6	70.5-141
Bromomethane	7.21	"	10.0	72.1	43.9-147
Carbon tetrachloride	11.2	"	10.0	112	78.1-138
Chlorobenzene	9.06	"	10.0	90.6	80.4-125
Chloroethane	8.83	"	10.0	88.3	55.8-140
Chloroform	8.74	"	10.0	87.4	76.6-133
Chloromethane	6.74	"	10.0	67.4	48.8-115

Low Bias

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20570 - EPA 5030B

LCS (BD20570-BS1)

Prepared & Analyzed: 04/16/2012

cis-1,2-Dichloroethylene	9.18		ug/L	10.0		91.8	75.1-128				
cis-1,3-Dichloropropylene	9.10		"	10.0		91.0	74.5-128				
Dibromochloromethane	9.02		"	10.0		90.2	79.8-134				
Dibromomethane	9.93		"	10.0		99.3	79-130				
Dichlorodifluoromethane	5.66		"	10.0		56.6	47.1-101				
Ethyl Benzene	9.27		"	10.0		92.7	80.8-128				
Hexachlorobutadiene	8.17		"	10.0		81.7	64.8-128				
Isopropylbenzene	8.85		"	10.0		88.5	75.5-135				
Methyl tert-butyl ether (MTBE)	4.02		"	10.0		40.2	65.1-140	Low Bias			
Methylene chloride	6.57		"	10.0		65.7	61.3-120				
Naphthalene	9.64		"	10.0		96.4	62.3-148				
n-Butylbenzene	8.61		"	10.0		86.1	67.2-123				
n-Propylbenzene	8.54		"	10.0		85.4	70.5-127				
o-Xylene	8.89		"	10.0		88.9	75.9-122				
p- & m- Xylenes	17.7		"	20.0		88.6	77.7-127				
p-Isopropyltoluene	8.68		"	10.0		86.8	75.6-129				
sec-Butylbenzene	8.36		"	10.0		83.6	71.5-125				
Styrene	9.14		"	10.0		91.4	77.8-123				
tert-Butylbenzene	9.00		"	10.0		90.0	75.9-151				
Tetrachloroethylene	8.86		"	10.0		88.6	63.6-167				
Toluene	8.99		"	10.0		89.9	77-123				
trans-1,2-Dichloroethylene	8.93		"	10.0		89.3	76.3-139				
trans-1,3-Dichloropropylene	9.47		"	10.0		94.7	72.5-137				
Trichloroethylene	9.08		"	10.0		90.8	77.9-130				
Trichlorofluoromethane	7.68		"	10.0		76.8	57.4-133				
Vinyl Chloride	7.64		"	10.0		76.4	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	10.0		"	10.0		100	72.6-129				
Surrogate: p-Bromofluorobenzene	9.43		"	10.0		94.3	63.5-145				
Surrogate: Toluene-d8	9.97		"	10.0		99.7	81.2-127				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20570 - EPA 5030B											
LCS Dup (BD20570-BSD1)						Prepared & Analyzed: 04/16/2012					
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82.3-130		9.18	21.1	
1,1,1-Trichloroethane	9.22		"	10.0		92.2	75.6-137		6.61	19.7	
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	71.3-131		15.9	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.10		"	10.0		91.0	71.1-129		6.47	21.7	
1,1,2-Trichloroethane	10.4		"	10.0		104	74.5-129		10.4	20.3	
1,1-Dichloroethane	10.0		"	10.0		100	79.6-132		8.18	20.6	
1,1-Dichloroethylene	9.81		"	10.0		98.1	80.2-146		5.66	20	
1,1-Dichloropropylene	13.2		"	10.0		132	75-136		4.51	19.3	
1,2,3-Trichlorobenzene	10.6		"	10.0		106	66.1-136		15.5	21.6	
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131		17.7	23.9	
1,2,4-Trichlorobenzene	11.2		"	10.0		112	70.6-136		16.6	21.7	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	75.3-135		13.2	18.8	
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	58.9-140		15.7	27.7	
1,2-Dibromoethane	10.7		"	10.0		107	79-130		13.0	23	
1,2-Dichlorobenzene	10.2		"	10.0		102	76.1-122		16.7	19.8	
1,2-Dichloroethane	9.98		"	10.0		99.8	74.6-132		10.5	20.2	
1,2-Dichloropropane	10.5		"	10.0		105	76.9-129		9.80	20.7	
1,3,5-Trimethylbenzene	9.76		"	10.0		97.6	70.6-127		13.7	18.9	
1,3-Dichlorobenzene	9.67		"	10.0		96.7	77-124		14.4	19.2	
1,3-Dichloropropane	10.0		"	10.0		100	75.8-126		9.94	22.1	
1,4-Dichlorobenzene	9.67		"	10.0		96.7	76.6-125		13.1	18.6	
2,2-Dichloropropane	8.80		"	10.0		88.0	69-133		4.65	19.8	
2-Chlorotoluene	9.41		"	10.0		94.1	66.3-119		10.9	21.6	
2-Hexanone	11.0		"	10.0		110	70-130		12.9	30	
4-Chlorotoluene	9.76		"	10.0		97.6	69.2-127		11.5	19	
Acetone	5.20		"	10.0		52.0	70-130	Low Bias	0.384	30	
Benzene	9.86		"	10.0		98.6	76.2-129		8.02	19	
Bromobenzene	9.86		"	10.0		98.6	71.3-123		12.4	20.3	
Bromochloromethane	11.0		"	10.0		110	70.8-137		9.12	23.9	
Bromodichloromethane	10.5		"	10.0		105	79.7-134		8.16	21	
Bromoform	10.3		"	10.0		103	70.5-141		14.7	21.8	
Bromomethane	8.07		"	10.0		80.7	43.9-147		11.3	28.4	
Carbon tetrachloride	11.9		"	10.0		119	78.1-138		5.97	20.1	
Chlorobenzene	10.1		"	10.0		101	80.4-125		11.1	19.9	
Chloroethane	8.97		"	10.0		89.7	55.8-140		1.57	23.3	
Chloroform	9.71		"	10.0		97.1	76.6-133		10.5	20.3	
Chloromethane	7.24		"	10.0		72.4	48.8-115		7.15	24.5	
cis-1,2-Dichloroethylene	9.97		"	10.0		99.7	75.1-128		8.25	20.5	
cis-1,3-Dichloropropylene	10.1		"	10.0		101	74.5-128		10.0	19.9	
Dibromochloromethane	10.3		"	10.0		103	79.8-134		13.1	21.3	
Dibromomethane	10.6		"	10.0		106	79-130		6.43	22.4	
Dichlorodifluoromethane	5.84		"	10.0		58.4	47.1-101		3.13	23.9	
Ethyl Benzene	10.2		"	10.0		102	80.8-128		9.94	19.2	
Hexachlorobutadiene	9.23		"	10.0		92.3	64.8-128		12.2	20.6	
Isopropylbenzene	9.96		"	10.0		99.6	75.5-135		11.8	20	
Methyl tert-butyl ether (MTBE)	4.15		"	10.0		41.5	65.1-140	Low Bias	3.18	23.6	
Methylene chloride	7.17		"	10.0		71.7	61.3-120		8.73	20.4	
Naphthalene	12.0		"	10.0		120	62.3-148		21.5	27.1	
n-Butylbenzene	9.83		"	10.0		98.3	67.2-123		13.2	19.1	
n-Propylbenzene	9.66		"	10.0		96.6	70.5-127		12.3	23.4	
o-Xylene	9.84		"	10.0		98.4	75.9-122		10.1	19.3	
p- & m- Xylenes	19.9		"	20.0		99.4	77.7-127		11.4	18.6	
p-Isopropyltoluene	9.77		"	10.0		97.7	75.6-129		11.8	19.1	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20570 - EPA 5030B

LCS Dup (BD20570-BSD1)

Prepared & Analyzed: 04/16/2012

sec-Butylbenzene	9.44		ug/L	10.0		94.4	71.5-125		12.1	18.9	
Styrene	10.2		"	10.0		102	77.8-123		10.5	20.9	
tert-Butylbenzene	10.4		"	10.0		104	75.9-151		14.8	20.9	
Tetrachloroethylene	9.98		"	10.0		99.8	63.6-167		11.9	27.7	
Toluene	10.0		"	10.0		100	77-123		10.7	18.7	
trans-1,2-Dichloroethylene	9.84		"	10.0		98.4	76.3-139		9.70	19.5	
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137		9.46	19.3	
Trichloroethylene	9.90		"	10.0		99.0	77.9-130		8.64	20.5	
Trichlorofluoromethane	8.06		"	10.0		80.6	57.4-133		4.83	21.4	
Vinyl Chloride	7.95		"	10.0		79.5	54.9-124		3.98	22.3	
Surrogate: 1,2-Dichloroethane-d4	9.99		"	10.0		99.9	72.6-129				
Surrogate: p-Bromofluorobenzene	9.59		"	10.0		95.9	63.5-145				
Surrogate: Toluene-d8	10.0		"	10.0		100	81.2-127				

Matrix Spike (BD20570-MS1)

*Source sample: 12D0440-04 (LWQ41012:1200NP1-1-5)

Prepared & Analyzed: 04/16/2012

1,1,1,2-Tetrachloroethane	9.07		ug/L	10.0	ND	90.7	82-138				
1,1,1-Trichloroethane	8.82		"	10.0	0.460	83.6	85.7-133	Low Bias			
1,1,2,2-Tetrachloroethane	9.49		"	10.0	ND	94.9	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.31		"	10.0	ND	83.1	74.8-131				
1,1,2-Trichloroethane	9.90		"	10.0	ND	99.0	82.5-129				
1,1-Dichloroethane	9.56		"	10.0	0.350	92.1	81.4-137				
1,1-Dichloroethylene	8.84		"	10.0	ND	88.4	90-138	Low Bias			
1,1-Dichloropropylene	12.8		"	10.0	ND	128	91.7-131				
1,2,3-Trichlorobenzene	9.15		"	10.0	ND	91.5	75.9-130				
1,2,3-Trichloropropane	9.17		"	10.0	ND	91.7	77.1-140				
1,2,4-Trichlorobenzene	9.46		"	10.0	ND	94.6	69.8-135				
1,2,4-Trimethylbenzene	8.54		"	10.0	ND	85.4	79.4-131				
1,2-Dibromo-3-chloropropane	9.15		"	10.0	ND	91.5	66.6-143				
1,2-Dibromoethane	10.4		"	10.0	ND	104	79.8-136				
1,2-Dichlorobenzene	8.79		"	10.0	ND	87.9	79.9-130				
1,2-Dichloroethane	9.32		"	10.0	ND	93.2	85-133				
1,2-Dichloropropane	9.62		"	10.0	ND	96.2	81.1-132				
1,3,5-Trimethylbenzene	8.15		"	10.0	ND	81.5	76.1-121				
1,3-Dichlorobenzene	8.18		"	10.0	ND	81.8	79.1-124				
1,3-Dichloropropane	9.80		"	10.0	ND	98.0	83.3-130				
1,4-Dichlorobenzene	8.50		"	10.0	ND	85.0	79.4-128				
2,2-Dichloropropane	7.77		"	10.0	ND	77.7	54.2-126				
2-Chlorotoluene	8.09		"	10.0	ND	80.9	60.2-144				
2-Hexanone	10.6		"	10.0	ND	106	70-130				
4-Chlorotoluene	8.45		"	10.0	ND	84.5	79.8-128				
Acetone	2.51		"	10.0	0.720	17.9	70-130	Low Bias			
Benzene	9.04		"	10.0	ND	90.4	74.1-134				
Bromobenzene	8.72		"	10.0	ND	87.2	76.6-125				
Bromochloromethane	10.3		"	10.0	ND	103	85-133				
Bromodichloromethane	10.0		"	10.0	ND	100	80.8-143				
Bromoform	9.20		"	10.0	0.240	89.6	65.8-164				
Bromomethane	8.68		"	10.0	ND	86.8	68.7-112				
Carbon tetrachloride	11.5		"	10.0	ND	115	85.7-138				
Chlorobenzene	9.07		"	10.0	ND	90.7	79.9-129				
Chloroethane	8.11		"	10.0	ND	81.1	74.7-127				
Chloroform	9.31		"	10.0	0.510	88.0	50.6-145				
Chloromethane	6.87		"	10.0	0.150	67.2	64-111				
cis-1,2-Dichloroethylene	9.11		"	10.0	ND	91.1	75.5-129				

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 BD20570 - EPA 5030B											
Matrix Spike (BD20570-MS1)	*Source sample: 12D0440-04 (LWQ41012:1200NP1-1-5)						Prepared & Analyzed: 04/16/2012				
cis-1,3-Dichloropropylene	9.10		ug/L	10.0	ND	91.0	74.3-128				
Dibromochloromethane	9.60		"	10.0	0.120	94.8	76.8-150				
Dibromomethane	10.2		"	10.0	ND	102	83.3-140				
Dichlorodifluoromethane	4.71		"	10.0	ND	47.1	51-100	Low Bias			
Ethyl Benzene	9.27		"	10.0	ND	92.7	82.9-127				
Hexachlorobutadiene	7.84		"	10.0	ND	78.4	73-128				
Isopropylbenzene	8.42		"	10.0	ND	84.2	78.7-131				
Methyl tert-butyl ether (MTBE)	13.1		"	10.0	ND	131	81.2-134				
Methylene chloride	5.99		"	10.0	0.470	55.2	57.8-103	Low Bias			
Naphthalene	8.93		"	10.0	ND	89.3	80.1-122				
n-Butylbenzene	7.89		"	10.0	ND	78.9	72.4-120				
n-Propylbenzene	8.06		"	10.0	ND	80.6	74-130				
o-Xylene	9.05		"	10.0	ND	90.5	78.8-122				
p- & m- Xylenes	17.9		"	20.0	ND	89.4	82.5-123				
p-Isopropyltoluene	7.96		"	10.0	ND	79.6	64.9-132				
sec-Butylbenzene	7.79		"	10.0	ND	77.9	25.4-151				
Styrene	9.12		"	10.0	ND	91.2	74.1-134				
tert-Butylbenzene	8.50		"	10.0	ND	85.0	79.5-171				
Tetrachloroethylene	8.30		"	10.0	ND	83.0	72.5-130				
Toluene	9.06		"	10.0	ND	90.6	77.8-121				
trans-1,2-Dichloroethylene	9.02		"	10.0	ND	90.2	83.8-140				
trans-1,3-Dichloropropylene	9.69		"	10.0	ND	96.9	74.9-136				
Trichloroethylene	8.75		"	10.0	ND	87.5	84.4-125				
Trichlorofluoromethane	7.34		"	10.0	ND	73.4	78.7-127	Low Bias			
Vinyl Chloride	6.95		"	10.0	ND	69.5	72.1-116	Low Bias			
<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>9.56</i>		<i>"</i>	<i>10.0</i>		<i>95.6</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	RPD Limit	Flag
Batch BD20570 - EPA 5030B											
Matrix Spike Dup (BD20570-MSD1)	*Source sample: 12D0440-04 (LWQ41012:1200NP1-1-5)						Prepared & Analyzed: 04/16/2012				
1,1,1,2-Tetrachloroethane	9.54		ug/L	10.0	ND	95.4	82-138		5.05	21.3	
1,1,1-Trichloroethane	9.75		"	10.0	0.460	92.9	85.7-133		10.5	22.6	
1,1,2,2-Tetrachloroethane	9.40		"	10.0	ND	94.0	78.6-136		0.953	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.52		"	10.0	ND	95.2	74.8-131		13.6	25.6	
1,1,2-Trichloroethane	10.2		"	10.0	ND	102	82.5-129		2.69	19.3	
1,1-Dichloroethane	10.5		"	10.0	0.350	101	81.4-137		9.61	20.7	
1,1-Dichloroethylene	9.87		"	10.0	ND	98.7	90-138		11.0	22.9	
1,1-Dichloropropylene	13.9		"	10.0	ND	139	91.7-131	High Bias	8.22	24.9	
1,2,3-Trichlorobenzene	10.1		"	10.0	ND	101	75.9-130		9.77	21.4	
1,2,3-Trichloropropane	8.97		"	10.0	ND	89.7	77.1-140		2.21	28	
1,2,4-Trichlorobenzene	10.3		"	10.0	ND	103	69.8-135		8.31	22.5	
1,2,4-Trimethylbenzene	9.79		"	10.0	ND	97.9	79.4-131		13.6	33.9	
1,2-Dibromo-3-chloropropane	9.64		"	10.0	ND	96.4	66.6-143		5.22	23.3	
1,2-Dibromoethane	10.2		"	10.0	ND	102	79.8-136		1.36	19.1	
1,2-Dichlorobenzene	9.20		"	10.0	ND	92.0	79.9-130		4.56	23.2	
1,2-Dichloroethane	9.44		"	10.0	ND	94.4	85-133		1.28	19.1	
1,2-Dichloropropane	10.1		"	10.0	ND	101	81.1-132		4.87	19.9	
1,3,5-Trimethylbenzene	9.47		"	10.0	ND	94.7	76.1-121		15.0	31.2	
1,3-Dichlorobenzene	9.19		"	10.0	ND	91.9	79.1-124		11.6	22.6	
1,3-Dichloropropane	9.76		"	10.0	ND	97.6	83.3-130		0.409	20.9	
1,4-Dichlorobenzene	9.28		"	10.0	ND	92.8	79.4-128		8.77	21	
2,2-Dichloropropane	8.39		"	10.0	ND	83.9	54.2-126		7.67	24.5	
2-Chlorotoluene	9.15		"	10.0	ND	91.5	60.2-144		12.3	30.8	
2-Hexanone	9.80		"	10.0	ND	98.0	70-130		8.22	30	
4-Chlorotoluene	9.50		"	10.0	ND	95.0	79.8-128		11.7	23.2	
Acetone	2.57		"	10.0	0.720	18.5	70-130	Low Bias	3.30	30	
Benzene	10.0		"	10.0	ND	100	74.1-134		10.4	20.8	
Bromobenzene	9.23		"	10.0	ND	92.3	76.6-125		5.68	23	
Bromochloromethane	10.4		"	10.0	ND	104	85-133		1.64	18.4	
Bromodichloromethane	10.2		"	10.0	ND	102	80.8-143		1.98	18.1	
Bromoform	9.39		"	10.0	0.240	91.5	65.8-164		2.10	27.3	
Bromomethane	9.04		"	10.0	ND	90.4	68.7-112		4.06	22.8	
Carbon tetrachloride	12.7		"	10.0	ND	127	85.7-138		9.84	25.1	
Chlorobenzene	9.72		"	10.0	ND	97.2	79.9-129		6.92	21	
Chloroethane	9.22		"	10.0	ND	92.2	74.7-127		12.8	23.7	
Chloroform	10.2		"	10.0	0.510	96.7	50.6-145		9.42	21.7	
Chloromethane	7.63		"	10.0	0.150	74.8	64-111		10.7	21.4	
cis-1,2-Dichloroethylene	9.88		"	10.0	ND	98.8	75.5-129		8.11	20.2	
cis-1,3-Dichloropropylene	9.33		"	10.0	ND	93.3	74.3-128		2.50	19.8	
Dibromochloromethane	9.40		"	10.0	0.120	92.8	76.8-150		2.13	20.8	
Dibromomethane	10.4		"	10.0	ND	104	83.3-140		1.75	20.4	
Dichlorodifluoromethane	5.41		"	10.0	ND	54.1	51-100		13.8	27.6	
Ethyl Benzene	10.2		"	10.0	ND	102	82.9-127		10.0	21.4	
Hexachlorobutadiene	9.72		"	10.0	ND	97.2	73-128		21.4	26	
Isopropylbenzene	9.84		"	10.0	ND	98.4	78.7-131		15.6	26.7	
Methyl tert-butyl ether (MTBE)	12.9		"	10.0	ND	129	81.2-134		1.92	21.2	
Methylene chloride	6.31		"	10.0	0.470	58.4	57.8-103		5.63	21.2	
Naphthalene	9.44		"	10.0	ND	94.4	80.1-122		5.55	26.1	
n-Butylbenzene	9.46		"	10.0	ND	94.6	72.4-120		18.1	30.8	
n-Propylbenzene	9.68		"	10.0	ND	96.8	74-130		18.3	31	
o-Xylene	9.81		"	10.0	ND	98.1	78.8-122		8.06	21	
p- & m- Xylenes	19.9		"	20.0	ND	99.6	82.5-123		10.8	22.5	
p-Isopropyltoluene	9.55		"	10.0	ND	95.5	64.9-132		18.2	25.2	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20570 - EPA 5030B

Matrix Spike Dup (BD20570-MSD1)		*Source sample: 12D0440-04 (LWQ41012:1200NP1-1-5)					Prepared & Analyzed: 04/16/2012				
sec-Butylbenzene	9.36		ug/L	10.0	ND	93.6	25.4-151		18.3	25.2	
Styrene	9.62		"	10.0	ND	96.2	74.1-134		5.34	20	
tert-Butylbenzene	10.1		"	10.0	ND	101	79.5-171		17.2	24.8	
Tetrachloroethylene	9.51		"	10.0	ND	95.1	72.5-130		13.6	22.7	
Toluene	10.0		"	10.0	ND	100	77.8-121		9.86	21.5	
trans-1,2-Dichloroethylene	9.87		"	10.0	ND	98.7	83.8-140		9.00	20.1	
trans-1,3-Dichloropropylene	9.86		"	10.0	ND	98.6	74.9-136		1.74	22.5	
Trichloroethylene	9.70		"	10.0	ND	97.0	84.4-125		10.3	20.7	
Trichlorofluoromethane	8.52		"	10.0	ND	85.2	78.7-127		14.9	24.7	
Vinyl Chloride	7.70		"	10.0	ND	77.0	72.1-116		10.2	24.9	
Surrogate: 1,2-Dichloroethane-d4	9.58		"	10.0		95.8	72.6-129				
Surrogate: p-Bromofluorobenzene	9.67		"	10.0		96.7	63.5-145				
Surrogate: Toluene-d8	10.1		"	10.0		101	81.2-127				

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-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
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.

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Field Chain-of-Custody Record

Page 1 of 1

York Project No. 12 D0440

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.

Client Information		Report to:		Invoice To:		Client Project ID		Turn-Around Time		Report Type/Deliverables																					
Company:	LBG	SAME	Name:	SAME	Name:	Rowe Industries	Purchase Order no.	RUSH Same Day	Summary	Summary	x, pdf																				
Address:	4 Research Drive,	Tunde Sendor	Name:	Mark Goldberg	Company:	Same		RUSH Next Day	QA/QC Summary	QA/QC Summary	x, pdf																				
Phone no.:	203-929-8555	Same	Company:	Same	Address:			RUSH Two Day	CT RCP Pkg	CT RCP Pkg																					
Contact Person	Tunde Sendor							RUSH Three Day	ASP A Pkg	ASP A Pkg																					
E-mail Addr.:	Tsendor@lbgct.com		E-mail:					RUSH Four Day	ASP B Pkg	ASP B Pkg	x, pdf																				
FAX No.:	203-926-9140		Fax No.:					Standard (5-7 days)	Excel	Excel																					
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in until the information time block will be complete until any questions by York are resolved.						Samples from: CT NY NJ OTHER																									
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 624 STARS BTEX MTBE TOL list TAGM CT RCP Arom. Hsing. App. IX 8021B list						Semi-Volatiles 8270 at 625 STARS BN Only PAH TAGM CT RCP TOL list TICs SP/Port TOLP 608 Pest TOLP BNA						Metals RCR A8 PP13 TAL CT15 Total Dissolved SP/Port TOLP TOLP Pest TOLP Herb Chloride 608 Pest TOLP BNA						Miscellaneous Parameters Color Phenols Nitrate TN TKN Total Nitrogen Ammonia-N Chloride Phosphate COD Total Phos. Oil & Grease FOG pH MBAS TSS Total Solids TDS TPH-IR						Special Instructions Field Filled ☐ Lab to Filter ☐	
Choose Analyses Needed from the Menu Above and Enter Below												Container Description(s)																			
Sample Identification		Date Sampled		Sample Matrix		VOC 8260 full list (EPA SW846-8260B)						2																			
4/12/12 11:30 AM		4/10/12 11:30		GW		VOC 8260 full list (EPA SW846-8260B)																									
4/12/12 11:40 AM		4/10/12 11:40		GW		VOC 8260 full list (EPA SW846-8260B)																									
4/12/12 11:50 AM		4/10/12 11:50		GW		VOC 8260 full list (EPA SW846-8260B)																									
4/12/12 12:00 PM		4/10/12 12:00		GW		VOC 8260 full list (EPA SW846-8260B)																									
4/12/12 12:00 PM		4/10/12 12:00		GW		VOC 8260 full list (EPA SW846-8260B)																									
4/12/12 12:00 PM		4/10/12 12:00		GW		VOC 8260 full list (EPA SW846-8260B)																									
4/12/12 12:10 PM		4/10/12 12:10		GW		VOC 8260 full list (EPA SW846-8260B)																									
4/12/12 12:20 PM		4/10/12 12:20		GW		VOC 8260 full list (EPA SW846-8260B)																									
4/12/12 12:30 PM		4/10/12 12:30		GW		VOC 8260 full list (EPA SW846-8260B)																									
4/12/12 12:40 PM		4/10/12 12:40		GW		VOC 8260 full list (EPA SW846-8260B)																									
Comments				Preservation "X" those applicable		Cool 4°C HNO3 H2SO4 NaOH NONE FROZEN						Temperature on Receipt 4.1 °C																			
4/12/12 11:05		4/12/12 11:05		4/12/12 11:05		4/12/12 11:05						4/12/12 11:05																			
Samples Relinquished By		Date/Time		Date/Time		Samples Received By						Date/Time																			
4/12/12 11:05		4/12/12 11:05		4/12/12 11:05		4/12/12 11:05						4/12/12 11:05																			
Samples Relinquished By		Date/Time		Date/Time		Samples Received in LAB by						Date/Time																			
4/12/12 11:05		4/12/12 11:05		4/12/12 11:05		4/12/12 11:05						4/12/12 11:05																			

Technical Report

prepared for:

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

Report Date: 04/19/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12D0442

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 04/19/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12D0442

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 April 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>
12D0442-01	WQ41012:1300FRW-1	Water	04/10/2012	04/12/2012
12D0442-02	WQ41012:1305FRW-2	Water	04/10/2012	04/12/2012
12D0442-03	WQ41012:1310FRW-3	Water	04/10/2012	04/12/2012
12D0442-04	WQ41012:1315FRW-4	Water	04/10/2012	04/12/2012

General Notes for York Project (SDG) No.: 12D0442

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: 04/19/2012

YORK

Sample Information

Client Sample ID: WQ41012:1300FRW-1

York Sample ID: 12D0442-01

York Project (SDG) No.

12D0442

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

April 10, 2012 1:00 pm

Date Received

04/12/2012

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	0.055	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
71-55-6	1,1,1-Trichloroethane	0.98		ug/L	0.043	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	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	04/15/2012 01:41	04/15/2012 01:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS

Sample Information

Client Sample ID: WQ41012:1300FRW-1

York Sample ID: 12D0442-01

York Project (SDG) No.
12D0442

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 1:00 pm

Date Received
04/12/2012

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	0.094	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
156-59-2	cis-1,2-Dichloroethylene	1.8		ug/L	0.030	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
75-09-2	Methylene chloride	0.63	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
91-20-3	Naphthalene	0.12	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
127-18-4	Tetrachloroethylene	63		ug/L	0.27	2.5	5	EPA SW846-8260B	04/15/2012 01:41	04/17/2012 02:26	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
79-01-6	Trichloroethylene	1.0		ug/L	0.067	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.5 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.0 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	105 %	81.2-127								

Sample Information

Client Sample ID: WQ41012:1305FRW-2

York Sample ID: 12D0442-02

York Project (SDG) No.
12D0442

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 1:05 pm

Date Received
04/12/2012

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	0.055	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	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	04/15/2012 02:16	04/15/2012 02:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS

Sample Information

Client Sample ID: WQ41012:1305FRW-2

York Sample ID: 12D0442-02

York Project (SDG) No.
12D0442

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 1:05 pm

Date Received
04/12/2012

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	0.094	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
156-59-2	cis-1,2-Dichloroethylene	0.39	J	ug/L	0.030	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
75-09-2	Methylene chloride	0.49	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
127-18-4	Tetrachloroethylene	50		ug/L	0.27	2.5	5	EPA SW846-8260B	04/15/2012 02:16	04/17/2012 03:08	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
79-01-6	Trichloroethylene	0.78		ug/L	0.067	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	96.1 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	108 %	81.2-127								

Sample Information

Client Sample ID: WQ41012:1310FRW-3

York Sample ID: 12D0442-03

York Project (SDG) No.
12D0442

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 1:10 pm

Date Received
04/12/2012

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	0.055	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	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	04/14/2012 17:00	04/15/2012 02:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
108-67-8	1,3,5-Trimethylbenzene	0.18	J	ug/L	0.038	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS

Sample Information

Client Sample ID: WQ41012:1310FRW-3

York Sample ID: 12D0442-03

York Project (SDG) No.
12D0442

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 1:10 pm

Date Received
04/12/2012

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	0.094	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
156-59-2	cis-1,2-Dichloroethylene	5.3		ug/L	0.030	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
98-82-8	Isopropylbenzene	1.6		ug/L	0.090	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
75-09-2	Methylene chloride	0.47	J	ug/L	0.12	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
91-20-3	Naphthalene	0.13	J	ug/L	0.040	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
103-65-1	n-Propylbenzene	0.99		ug/L	0.075	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
95-47-6	o-Xylene	0.13	J	ug/L	0.031	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
1330-20-7P/M	p- & m- Xylenes	0.12	J	ug/L	0.086	1.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
99-87-6	p-Isopropyltoluene	0.20	J	ug/L	0.072	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
135-98-8	sec-Butylbenzene	0.11	J	ug/L	0.066	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
127-18-4	Tetrachloroethylene	23		ug/L	0.054	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
79-01-6	Trichloroethylene	1.0		ug/L	0.067	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
75-01-4	Vinyl Chloride	0.16	J	ug/L	0.060	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
1330-20-7	Xylenes, Total	0.25	J	ug/L	0.12	1.5	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.7 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	93.7 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	119 %			81.2-127						

Sample Information

Client Sample ID: WQ41012:1315FRW-4

York Sample ID: 12D0442-04

York Project (SDG) No.
12D0442

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 1:15 pm

Date Received
04/12/2012

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	0.055	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
71-55-6	1,1,1-Trichloroethane	0.10	J	ug/L	0.043	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	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	04/14/2012 17:00	04/15/2012 03:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
75-27-4	Bromodichloromethane	0.28	J	ug/L	0.044	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS

Sample Information

Client Sample ID: WQ41012:1315FRW-4

York Sample ID: 12D0442-04

York Project (SDG) No.
12D0442

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
April 10, 2012 1:15 pm

Date Received
04/12/2012

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	0.094	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
156-59-2	cis-1,2-Dichloroethylene	1.8		ug/L	0.030	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
75-09-2	Methylene chloride	0.50	J	ug/L	0.12	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
127-18-4	Tetrachloroethylene	12		ug/L	0.054	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
79-01-6	Trichloroethylene	0.79		ug/L	0.067	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.5 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.0 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	114 %	81.2-127								

Analytical Batch Summary

Batch ID: BD20539

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12D0442-03	WQ41012:1310FRW-3	04/14/12
12D0442-04	WQ41012:1315FRW-4	04/14/12
BD20539-BLK1	Blank	04/14/12
BD20539-BS1	LCS	04/14/12
BD20539-BSD1	LCS Dup	04/14/12

Batch ID: BD20609

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12D0442-01	WQ41012:1300FRW-1	04/15/12
12D0442-02	WQ41012:1305FRW-2	04/15/12
BD20609-BLK1	Blank	04/16/12
BD20609-BS1	LCS	04/16/12
BD20609-BSD1	LCS Dup	04/16/12

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
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Batch BD20539 - EPA 5030B

Blank (BD20539-BLK1)

Prepared & Analyzed: 04/14/2012

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

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20539 - EPA 5030B

Blank (BD20539-BLK1)

Prepared & Analyzed: 04/14/2012

sec-Butylbenzene	ND	0.50	ug/L
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	9.39	"	10.0	93.9	72.6-129
Surrogate: p-Bromofluorobenzene	9.94	"	10.0	99.4	63.5-145
Surrogate: Toluene-d8	10.2	"	10.0	102	81.2-127

LCS (BD20539-BS1)

Prepared & Analyzed: 04/14/2012

1,1,1,2-Tetrachloroethane	9.83	ug/L	10.0	98.3	82.3-130
1,1,1-Trichloroethane	8.89	"	10.0	88.9	75.6-137
1,1,2,2-Tetrachloroethane	9.74	"	10.0	97.4	71.3-131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.70	"	10.0	87.0	71.1-129
1,1,2-Trichloroethane	10.2	"	10.0	102	74.5-129
1,1-Dichloroethane	9.80	"	10.0	98.0	79.6-132
1,1-Dichloroethylene	9.52	"	10.0	95.2	80.2-146
1,1-Dichloropropylene	12.3	"	10.0	123	75-136
1,2,3-Trichlorobenzene	9.96	"	10.0	99.6	66.1-136
1,2,3-Trichloropropane	9.48	"	10.0	94.8	63-131
1,2,4-Trichlorobenzene	10.3	"	10.0	103	70.6-136
1,2,4-Trimethylbenzene	9.01	"	10.0	90.1	75.3-135
1,2-Dibromo-3-chloropropane	8.89	"	10.0	88.9	58.9-140
1,2-Dibromoethane	10.6	"	10.0	106	79-130
1,2-Dichlorobenzene	9.12	"	10.0	91.2	76.1-122
1,2-Dichloroethane	9.57	"	10.0	95.7	74.6-132
1,2-Dichloropropane	10.2	"	10.0	102	76.9-129
1,3,5-Trimethylbenzene	8.49	"	10.0	84.9	70.6-127
1,3-Dichlorobenzene	8.78	"	10.0	87.8	77-124
1,3-Dichloropropane	10.0	"	10.0	100	75.8-126
1,4-Dichlorobenzene	8.75	"	10.0	87.5	76.6-125
2,2-Dichloropropane	9.87	"	10.0	98.7	69-133
2-Chlorotoluene	8.73	"	10.0	87.3	66.3-119
2-Hexanone	10.9	"	10.0	109	70-130
4-Chlorotoluene	9.39	"	10.0	93.9	69.2-127
Acetone	5.55	"	10.0	55.5	70-130
Benzene	9.39	"	10.0	93.9	76.2-129
Bromobenzene	9.21	"	10.0	92.1	71.3-123
Bromochloromethane	10.7	"	10.0	107	70.8-137
Bromodichloromethane	10.5	"	10.0	105	79.7-134
Bromoform	9.34	"	10.0	93.4	70.5-141
Bromomethane	10.2	"	10.0	102	43.9-147
Carbon tetrachloride	11.3	"	10.0	113	78.1-138
Chlorobenzene	9.47	"	10.0	94.7	80.4-125
Chloroethane	8.80	"	10.0	88.0	55.8-140
Chloroform	9.09	"	10.0	90.9	76.6-133
Chloromethane	7.20	"	10.0	72.0	48.8-115

Low Bias

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20539 - EPA 5030B

LCS (BD20539-BS1)

Prepared & Analyzed: 04/14/2012

cis-1,2-Dichloroethylene	9.51		ug/L	10.0		95.1	75.1-128				
cis-1,3-Dichloropropylene	9.86		"	10.0		98.6	74.5-128				
Dibromochloromethane	9.71		"	10.0		97.1	79.8-134				
Dibromomethane	10.5		"	10.0		105	79-130				
Dichlorodifluoromethane	6.14		"	10.0		61.4	47.1-101				
Ethyl Benzene	9.74		"	10.0		97.4	80.8-128				
Hexachlorobutadiene	8.31		"	10.0		83.1	64.8-128				
Isopropylbenzene	9.27		"	10.0		92.7	75.5-135				
Methyl tert-butyl ether (MTBE)	14.0		"	10.0		140	65.1-140				
Methylene chloride	7.14		"	10.0		71.4	61.3-120				
Naphthalene	9.21		"	10.0		92.1	62.3-148				
n-Butylbenzene	8.57		"	10.0		85.7	67.2-123				
n-Propylbenzene	8.65		"	10.0		86.5	70.5-127				
o-Xylene	9.34		"	10.0		93.4	75.9-122				
p- & m- Xylenes	19.0		"	20.0		94.9	77.7-127				
p-Isopropyltoluene	8.67		"	10.0		86.7	75.6-129				
sec-Butylbenzene	8.55		"	10.0		85.5	71.5-125				
Styrene	9.70		"	10.0		97.0	77.8-123				
tert-Butylbenzene	9.36		"	10.0		93.6	75.9-151				
Tetrachloroethylene	9.40		"	10.0		94.0	63.6-167				
Toluene	9.45		"	10.0		94.5	77-123				
trans-1,2-Dichloroethylene	9.14		"	10.0		91.4	76.3-139				
trans-1,3-Dichloropropylene	11.1		"	10.0		111	72.5-137				
Trichloroethylene	9.53		"	10.0		95.3	77.9-130				
Trichlorofluoromethane	7.70		"	10.0		77.0	57.4-133				
Vinyl Chloride	8.16		"	10.0		81.6	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.99</i>		<i>"</i>	<i>10.0</i>		<i>99.9</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.74</i>		<i>"</i>	<i>10.0</i>		<i>97.4</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	RPD Limit	Flag
Batch BD20539 - EPA 5030B											
LCS Dup (BD20539-BSD1)						Prepared & Analyzed: 04/14/2012					
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82.3-130		3.30	21.1	
1,1,1-Trichloroethane	9.53		"	10.0		95.3	75.6-137		6.95	19.7	
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	71.3-131		7.13	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.59		"	10.0		95.9	71.1-129		9.73	21.7	
1,1,2-Trichloroethane	10.6		"	10.0		106	74.5-129		4.23	20.3	
1,1-Dichloroethane	10.3		"	10.0		103	79.6-132		4.78	20.6	
1,1-Dichloroethylene	10.1		"	10.0		101	80.2-146		5.62	20	
1,1-Dichloropropylene	12.5		"	10.0		125	75-136		1.69	19.3	
1,2,3-Trichlorobenzene	10.9		"	10.0		109	66.1-136		9.10	21.6	
1,2,3-Trichloropropane	9.42		"	10.0		94.2	63-131		0.635	23.9	
1,2,4-Trichlorobenzene	11.5		"	10.0		115	70.6-136		11.2	21.7	
1,2,4-Trimethylbenzene	9.58		"	10.0		95.8	75.3-135		6.13	18.8	
1,2-Dibromo-3-chloropropane	9.85		"	10.0		98.5	58.9-140		10.2	27.7	
1,2-Dibromoethane	11.1		"	10.0		111	79-130		4.23	23	
1,2-Dichlorobenzene	9.49		"	10.0		94.9	76.1-122		3.98	19.8	
1,2-Dichloroethane	9.96		"	10.0		99.6	74.6-132		3.99	20.2	
1,2-Dichloropropane	10.8		"	10.0		108	76.9-129		6.11	20.7	
1,3,5-Trimethylbenzene	9.15		"	10.0		91.5	70.6-127		7.48	18.9	
1,3-Dichlorobenzene	9.38		"	10.0		93.8	77-124		6.61	19.2	
1,3-Dichloropropane	10.5		"	10.0		105	75.8-126		4.29	22.1	
1,4-Dichlorobenzene	9.45		"	10.0		94.5	76.6-125		7.69	18.6	
2,2-Dichloropropane	10.2		"	10.0		102	69-133		3.39	19.8	
2-Chlorotoluene	9.16		"	10.0		91.6	66.3-119		4.81	21.6	
2-Hexanone	12.0		"	10.0		120	70-130		9.76	30	
4-Chlorotoluene	9.85		"	10.0		98.5	69.2-127		4.78	19	
Acetone	6.03		"	10.0		60.3	70-130	Low Bias	8.29	30	
Benzene	10.0		"	10.0		100	76.2-129		6.69	19	
Bromobenzene	9.52		"	10.0		95.2	71.3-123		3.31	20.3	
Bromochloromethane	10.9		"	10.0		109	70.8-137		1.48	23.9	
Bromodichloromethane	10.8		"	10.0		108	79.7-134		2.63	21	
Bromoform	9.76		"	10.0		97.6	70.5-141		4.40	21.8	
Bromomethane	11.8		"	10.0		118	43.9-147		14.4	28.4	
Carbon tetrachloride	11.5		"	10.0		115	78.1-138		2.01	20.1	
Chlorobenzene	9.90		"	10.0		99.0	80.4-125		4.44	19.9	
Chloroethane	9.41		"	10.0		94.1	55.8-140		6.70	23.3	
Chloroform	9.61		"	10.0		96.1	76.6-133		5.56	20.3	
Chloromethane	7.60		"	10.0		76.0	48.8-115		5.41	24.5	
cis-1,2-Dichloroethylene	9.98		"	10.0		99.8	75.1-128		4.82	20.5	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128		5.62	19.9	
Dibromochloromethane	10.3		"	10.0		103	79.8-134		5.70	21.3	
Dibromomethane	11.1		"	10.0		111	79-130		5.92	22.4	
Dichlorodifluoromethane	6.64		"	10.0		66.4	47.1-101		7.82	23.9	
Ethyl Benzene	10.3		"	10.0		103	80.8-128		5.69	19.2	
Hexachlorobutadiene	9.08		"	10.0		90.8	64.8-128		8.86	20.6	
Isopropylbenzene	9.68		"	10.0		96.8	75.5-135		4.33	20	
Methyl tert-butyl ether (MTBE)	14.3		"	10.0		143	65.1-140	High Bias	2.05	23.6	
Methylene chloride	7.60		"	10.0		76.0	61.3-120		6.24	20.4	
Naphthalene	10.7		"	10.0		107	62.3-148		14.7	27.1	
n-Butylbenzene	9.13		"	10.0		91.3	67.2-123		6.33	19.1	
n-Propylbenzene	9.16		"	10.0		91.6	70.5-127		5.73	23.4	
o-Xylene	9.81		"	10.0		98.1	75.9-122		4.91	19.3	
p- & m- Xylenes	20.0		"	20.0		100	77.7-127		5.33	18.6	
p-Isopropyltoluene	9.22		"	10.0		92.2	75.6-129		6.15	19.1	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20539 - EPA 5030B

LCS Dup (BD20539-BSD1)

Prepared & Analyzed: 04/14/2012

sec-Butylbenzene	9.16		ug/L	10.0		91.6	71.5-125		6.89	18.9
Styrene	10.1		"	10.0		101	77.8-123		4.44	20.9
tert-Butylbenzene	9.96		"	10.0		99.6	75.9-151		6.21	20.9
Tetrachloroethylene	10.5		"	10.0		105	63.6-167		11.3	27.7
Toluene	10.1		"	10.0		101	77-123		6.35	18.7
trans-1,2-Dichloroethylene	9.84		"	10.0		98.4	76.3-139		7.38	19.5
trans-1,3-Dichloropropylene	11.3		"	10.0		113	72.5-137		1.16	19.3
Trichloroethylene	9.87		"	10.0		98.7	77.9-130		3.51	20.5
Trichlorofluoromethane	8.47		"	10.0		84.7	57.4-133		9.52	21.4
Vinyl Chloride	8.91		"	10.0		89.1	54.9-124		8.79	22.3
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.80</i>		<i>"</i>	<i>10.0</i>		<i>98.0</i>	<i>72.6-129</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.75</i>		<i>"</i>	<i>10.0</i>		<i>97.5</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>			

Batch BD20609 - EPA 5030B

Blank (BD20609-BLK1)

Prepared: 04/16/2012 Analyzed: 04/17/2012

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	8.9	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20609 - EPA 5030B

Blank (BD20609-BLK1)

Prepared: 04/16/2012 Analyzed: 04/17/2012

Chloromethane	ND	0.50	ug/L								
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	5.6	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	"								
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	9.52		"	10.0		95.2	72.6-129				
Surrogate: p-Bromofluorobenzene	9.85		"	10.0		98.5	63.5-145				
Surrogate: Toluene-d8	10.5		"	10.0		105	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	Limit	Flag
		Limit		Level	Result		Limits		RPD		
Batch BD20609 - EPA 5030B											
LCS (BD20609-BS1)				Prepared: 04/16/2012 Analyzed: 04/17/2012							
1,1,1,2-Tetrachloroethane	9.66		ug/L	10.0		96.6	82.3-130				
1,1,1-Trichloroethane	9.17		"	10.0		91.7	75.6-137				
1,1,2,2-Tetrachloroethane	9.12		"	10.0		91.2	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.32		"	10.0		93.2	71.1-129				
1,1,2-Trichloroethane	10.0		"	10.0		100	74.5-129				
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132				
1,1-Dichloroethylene	10.1		"	10.0		101	80.2-146				
1,1-Dichloropropylene	12.6		"	10.0		126	75-136				
1,2,3-Trichlorobenzene	10.0		"	10.0		100	66.1-136				
1,2,3-Trichloropropane	8.53		"	10.0		85.3	63-131				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	70.6-136				
1,2,4-Trimethylbenzene	9.11		"	10.0		91.1	75.3-135				
1,2-Dibromo-3-chloropropane	8.80		"	10.0		88.0	58.9-140				
1,2-Dibromoethane	10.7		"	10.0		107	79-130				
1,2-Dichlorobenzene	9.09		"	10.0		90.9	76.1-122				
1,2-Dichloroethane	9.83		"	10.0		98.3	74.6-132				
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129				
1,3,5-Trimethylbenzene	8.71		"	10.0		87.1	70.6-127				
1,3-Dichlorobenzene	8.88		"	10.0		88.8	77-124				
1,3-Dichloropropane	10.0		"	10.0		100	75.8-126				
1,4-Dichlorobenzene	8.81		"	10.0		88.1	76.6-125				
2,2-Dichloropropane	8.43		"	10.0		84.3	69-133				
2-Chlorotoluene	8.81		"	10.0		88.1	66.3-119				
2-Hexanone	9.75		"	10.0		97.5	70-130				
4-Chlorotoluene	9.21		"	10.0		92.1	69.2-127				
Acetone	12.2		"	10.0		122	70-130				
Benzene	9.82		"	10.0		98.2	76.2-129				
Bromobenzene	8.94		"	10.0		89.4	71.3-123				
Bromochloromethane	10.7		"	10.0		107	70.8-137				
Bromodichloromethane	10.3		"	10.0		103	79.7-134				
Bromoform	9.02		"	10.0		90.2	70.5-141				
Bromomethane	11.3		"	10.0		113	43.9-147				
Carbon tetrachloride	11.5		"	10.0		115	78.1-138				
Chlorobenzene	9.53		"	10.0		95.3	80.4-125				
Chloroethane	9.47		"	10.0		94.7	55.8-140				
Chloroform	9.47		"	10.0		94.7	76.6-133				
Chloromethane	8.03		"	10.0		80.3	48.8-115				
cis-1,2-Dichloroethylene	9.80		"	10.0		98.0	75.1-128				
cis-1,3-Dichloropropylene	9.55		"	10.0		95.5	74.5-128				
Dibromochloromethane	9.67		"	10.0		96.7	79.8-134				
Dibromomethane	10.8		"	10.0		108	79-130				
Dichlorodifluoromethane	7.40		"	10.0		74.0	47.1-101				
Ethyl Benzene	10.0		"	10.0		100	80.8-128				
Hexachlorobutadiene	8.65		"	10.0		86.5	64.8-128				
Isopropylbenzene	9.12		"	10.0		91.2	75.5-135				
Methyl tert-butyl ether (MTBE)	13.2		"	10.0		132	65.1-140				
Methylene chloride	11.7		"	10.0		117	61.3-120				
Naphthalene	9.35		"	10.0		93.5	62.3-148				
n-Butylbenzene	8.42		"	10.0		84.2	67.2-123				
n-Propylbenzene	8.88		"	10.0		88.8	70.5-127				
o-Xylene	9.58		"	10.0		95.8	75.9-122				
p- & m- Xylenes	19.7		"	20.0		98.5	77.7-127				
p-Isopropyltoluene	8.58		"	10.0		85.8	75.6-129				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20609 - EPA 5030B

LCS (BD20609-BS1)

Prepared: 04/16/2012 Analyzed: 04/17/2012

sec-Butylbenzene	8.61		ug/L	10.0		86.1	71.5-125				
Styrene	9.99		"	10.0		99.9	77.8-123				
tert-Butylbenzene	9.16		"	10.0		91.6	75.9-151				
Tetrachloroethylene	10.3		"	10.0		103	63.6-167				
Toluene	9.70		"	10.0		97.0	77-123				
trans-1,2-Dichloroethylene	9.37		"	10.0		93.7	76.3-139				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137				
Trichloroethylene	9.65		"	10.0		96.5	77.9-130				
Trichlorofluoromethane	8.59		"	10.0		85.9	57.4-133				
Vinyl Chloride	9.01		"	10.0		90.1	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.45</i>		<i>"</i>	<i>10.0</i>		<i>94.5</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>81.2-127</i>				

LCS Dup (BD20609-BSD1)

Prepared: 04/16/2012 Analyzed: 04/17/2012

1,1,1,2-Tetrachloroethane	9.76		ug/L	10.0		97.6	82.3-130		1.03	21.1	
1,1,1-Trichloroethane	9.69		"	10.0		96.9	75.6-137		5.51	19.7	
1,1,2,2-Tetrachloroethane	9.30		"	10.0		93.0	71.3-131		1.95	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.91		"	10.0		99.1	71.1-129		6.14	21.7	
1,1,2-Trichloroethane	9.87		"	10.0		98.7	74.5-129		1.41	20.3	
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132		2.34	20.6	
1,1-Dichloroethylene	10.2		"	10.0		102	80.2-146		0.592	20	
1,1-Dichloropropylene	13.3		"	10.0		133	75-136		5.24	19.3	
1,2,3-Trichlorobenzene	9.89		"	10.0		98.9	66.1-136		1.41	21.6	
1,2,3-Trichloropropane	8.33		"	10.0		83.3	63-131		2.37	23.9	
1,2,4-Trichlorobenzene	10.4		"	10.0		104	70.6-136		0.672	21.7	
1,2,4-Trimethylbenzene	9.33		"	10.0		93.3	75.3-135		2.39	18.8	
1,2-Dibromo-3-chloropropane	9.18		"	10.0		91.8	58.9-140		4.23	27.7	
1,2-Dibromoethane	10.4		"	10.0		104	79-130		2.18	23	
1,2-Dichlorobenzene	9.07		"	10.0		90.7	76.1-122		0.220	19.8	
1,2-Dichloroethane	9.80		"	10.0		98.0	74.6-132		0.306	20.2	
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129		0.0963	20.7	
1,3,5-Trimethylbenzene	8.85		"	10.0		88.5	70.6-127		1.59	18.9	
1,3-Dichlorobenzene	8.81		"	10.0		88.1	77-124		0.791	19.2	
1,3-Dichloropropane	9.70		"	10.0		97.0	75.8-126		3.35	22.1	
1,4-Dichlorobenzene	9.30		"	10.0		93.0	76.6-125		5.41	18.6	
2,2-Dichloropropane	8.50		"	10.0		85.0	69-133		0.827	19.8	
2-Chlorotoluene	8.97		"	10.0		89.7	66.3-119		1.80	21.6	
2-Hexanone	9.86		"	10.0		98.6	70-130		1.12	30	
4-Chlorotoluene	9.44		"	10.0		94.4	69.2-127		2.47	19	
Acetone	11.9		"	10.0		119	70-130		2.16	30	
Benzene	10.0		"	10.0		100	76.2-129		2.32	19	
Bromobenzene	8.99		"	10.0		89.9	71.3-123		0.558	20.3	
Bromochloromethane	10.8		"	10.0		108	70.8-137		0.931	23.9	
Bromodichloromethane	10.3		"	10.0		103	79.7-134		0.0968	21	
Bromoform	8.97		"	10.0		89.7	70.5-141		0.556	21.8	
Bromomethane	11.2		"	10.0		112	43.9-147		1.16	28.4	
Carbon tetrachloride	12.3		"	10.0		123	78.1-138		6.70	20.1	
Chlorobenzene	9.76		"	10.0		97.6	80.4-125		2.38	19.9	
Chloroethane	9.60		"	10.0		96.0	55.8-140		1.36	23.3	
Chloroform	9.60		"	10.0		96.0	76.6-133		1.36	20.3	
Chloromethane	8.26		"	10.0		82.6	48.8-115		2.82	24.5	
cis-1,2-Dichloroethylene	9.87		"	10.0		98.7	75.1-128		0.712	20.5	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BD20609 - EPA 5030B

LCS Dup (BD20609-BSD1)

Prepared: 04/16/2012 Analyzed: 04/17/2012

cis-1,3-Dichloropropylene	9.27		ug/L	10.0		92.7	74.5-128		2.98	19.9	
Dibromochloromethane	9.52		"	10.0		95.2	79.8-134		1.56	21.3	
Dibromomethane	10.1		"	10.0		101	79-130		7.09	22.4	
Dichlorodifluoromethane	7.90		"	10.0		79.0	47.1-101		6.54	23.9	
Ethyl Benzene	10.3		"	10.0		103	80.8-128		2.26	19.2	
Hexachlorobutadiene	9.11		"	10.0		91.1	64.8-128		5.18	20.6	
Isopropylbenzene	9.50		"	10.0		95.0	75.5-135		4.08	20	
Methyl tert-butyl ether (MTBE)	12.4		"	10.0		124	65.1-140		5.62	23.6	
Methylene chloride	11.7		"	10.0		117	61.3-120		0.00	20.4	
Naphthalene	9.23		"	10.0		92.3	62.3-148		1.29	27.1	
n-Butylbenzene	8.72		"	10.0		87.2	67.2-123		3.50	19.1	
n-Propylbenzene	9.24		"	10.0		92.4	70.5-127		3.97	23.4	
o-Xylene	9.70		"	10.0		97.0	75.9-122		1.24	19.3	
p- & m- Xylenes	20.1		"	20.0		100	77.7-127		1.96	18.6	
p-Isopropyltoluene	8.89		"	10.0		88.9	75.6-129		3.55	19.1	
sec-Butylbenzene	8.92		"	10.0		89.2	71.5-125		3.54	18.9	
Styrene	10.1		"	10.0		101	77.8-123		1.10	20.9	
tert-Butylbenzene	9.53		"	10.0		95.3	75.9-151		3.96	20.9	
Tetrachloroethylene	9.84		"	10.0		98.4	63.6-167		4.47	27.7	
Toluene	9.91		"	10.0		99.1	77-123		2.14	18.7	
trans-1,2-Dichloroethylene	9.52		"	10.0		95.2	76.3-139		1.59	19.5	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		0.00	19.3	
Trichloroethylene	9.76		"	10.0		97.6	77.9-130		1.13	20.5	
Trichlorofluoromethane	9.07		"	10.0		90.7	57.4-133		5.44	21.4	
Vinyl Chloride	9.34		"	10.0		93.4	54.9-124		3.60	22.3	
Surrogate: 1,2-Dichloroethane-d4	10.1		"	10.0		101	72.6-129				
Surrogate: p-Bromofluorobenzene	9.30		"	10.0		93.0	63.5-145				
Surrogate: Toluene-d8	10.1		"	10.0		101	81.2-127				

Notes and Definitions

QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
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.

Field Chain-of-Custody Record

Page 1 of 1

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

York Project No. 12 D0442

Client Information		Report to:		Invoice To:		Client Project ID		Turn-Around Time		Report Type/Deliverables		
Company: LBG		SAME		SAME		Rowe Industries		RUSH Same Day	Summary	x, pdf		
Address: 4 Research Drive,		Name: Tunde Sandor		Name: Mark Goldberg				RUSH Next Day	QA/QC Summary	x, pdf		
		Company: Same		Company: Same				RUSH Two Day	CT RCP Pkg			
Phone no.: 203-928-8555		Address:		Address:		Purchase Order no.		RUSH Three Day	ASP A Pkg			
Contact Person Tunde Sandor						NABSAG		RUSH Four Day	ASP B Pkg	x, pdf		
E-mail Addr.: Tsandor@lbgct.com		E-mail:		E-mail:				Standard (5-7 days)	Excel			
FAX No.: 203-926-9140		Fax No.:		Fax No.:		Samples from: CT_NY_NJ_		OTHER	EDD	x, Excel		
Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in until the turn-around time has been received. No questions in York are resolved. Samples Collected/Authorized By (Signature) _____ STEPHEN HWAT Name (printed) _____												
Sample Identification	Date Sampled	Sample Matrix	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below								Container Description(s)
M241012:1300 PWS-1	4/10/12 1300	GW	GW	VOC 8260 full list (EPA SW846-8260B)								ZV
M241012:1205 PWS-2	1305	GW	GW	VOC 8260 full list (EPA SW846-8260B)								
M241012:1210 PWS-3	1210	GW	GW	VOC 8260 full list (EPA SW846-8260B)								
M241012:1315 PWS-4	1315	GW	GW	VOC 8260 full list (EPA SW846-8260B)								
		GW	GW	VOC 8260 full list (EPA SW846-8260B)								
		GW	GW	VOC 8260 full list (EPA SW846-8260B)								
		GW	GW	VOC 8260 full list (EPA SW846-8260B)								
		GW	GW	VOC 8260 full list (EPA SW846-8260B)								
		GW	GW	VOC 8260 full list (EPA SW846-8260B)								
Comments Donovan b... 4/10/12 11:05 TC PWS-1 Samples Relinquished By _____ Date/Time _____ Samples Relinquished By _____ Date/Time _____ Samples Relinquished By _____ Date/Time _____				NaOH NONE H2SO4 HNO3 Cool 4°C _____ Temperature on Receipt 4.1°C								

APPENDIX III
APRIL 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: 05/01/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12D0745

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 05/01/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12D0745

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 April 24, 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>
12D0745-01	AQ42312:1100NP4-1	Vapor Extraction	04/23/2012	04/24/2012
12D0745-02	AQ42312:1105NP4-2	Vapor Extraction	04/23/2012	04/24/2012
12D0745-03	AQ42312:1110NP4-3	Vapor Extraction	04/23/2012	04/24/2012

General Notes for York Project (SDG) No.: 12D0745

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: 05/01/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: AQ42312:1100NP4-1

York Sample ID: 12D0745-01

York Project (SDG) No.

12D0745

Client Project ID

Rowe Industries

Matrix

Vapor Extraction

Collection Date/Time

April 23, 2012 11:00 am

Date Received

04/24/2012

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	5.6		ug/m ³	0.17	0.93	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.28	1.2	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.9		ug/m ³	0.091	1.3	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.23	0.93	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-34-3	1,1-Dichloroethane	2.9		ug/m ³	0.082	0.69	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.10	0.67	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.28	1.3	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.10	4.2	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.3	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.26	1.0	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.16	0.69	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.17	0.78	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.20	1.2	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.11	1.7	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.11	0.74	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.18	1.0	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.22	1.0	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.55	6.1	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
78-93-3	2-Butanone	ND		ug/m ³	0.20	0.50	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
591-78-6	2-Hexanone	ND		ug/m ³	0.38	1.4	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.25	0.70	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
67-64-1	Acetone	28		ug/m ³	0.13	0.40	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
71-43-2	Benzene	2.3		ug/m ³	0.081	0.54	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
100-44-7	Benzyl chloride	ND		ug/m ³	0.11	0.88	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-27-4	Bromodichloromethane	ND		ug/m ³	0.25	1.1	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-25-2	Bromoform	ND		ug/m ³	0.32	1.8	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
74-83-9	Bromomethane	ND		ug/m ³	0.079	0.66	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-15-0	Carbon disulfide	1.6		ug/m ³	0.063	0.53	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.13	0.53	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
108-90-7	Chlorobenzene	ND		ug/m ³	0.14	0.78	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-00-3	Chloroethane	ND		ug/m ³	0.054	0.45	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
67-66-3	Chloroform	3.2		ug/m ³	0.12	0.83	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
74-87-3	Chloromethane	1.1		ug/m ³	0.11	0.35	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.11	0.67	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD

Sample Information

Client Sample ID: AQ42312:1100NP4-1

York Sample ID: 12D0745-01

York Project (SDG) No.
12D0745

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
April 23, 2012 11:00 am

Date Received
04/24/2012

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	0.19	0.77	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
110-82-7	Cyclohexane	ND		ug/m ³	0.070	0.58	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.4	1.4	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-71-8	Dichlorodifluoromethane	2.4		ug/m ³	0.21	0.84	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
141-78-6	Ethyl acetate	ND		ug/m ³	0.15	0.61	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
100-41-4	Ethyl Benzene	2.2		ug/m ³	0.13	0.74	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.33	1.8	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
67-63-0	Isopropanol	8.3		ug/m ³	0.15	0.42	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.073	0.61	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-09-2	Methylene chloride	3.3		ug/m ³	0.14	0.59	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
142-82-5	n-Heptane	1.9		ug/m ³	0.083	0.70	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
110-54-3	n-Hexane	4.7		ug/m ³	0.072	0.60	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
95-47-6	o-Xylene	2.2		ug/m ³	0.13	0.74	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
1330-20-7P/M	p- & m- Xylenes	6.5		ug/m ³	0.25	0.74	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
622-96-8	p-Ethyltoluene	ND		ug/m ³	0.15	4.2	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
115-07-01	Propylene	ND		ug/m ³	0.13	0.29	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
100-42-5	Styrene	ND		ug/m ³	0.13	0.72	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
127-18-4	Tetrachloroethylene	8.5		ug/m ³	0.14	1.2	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
109-99-9	Tetrahydrofuran	ND		ug/m ³	0.13	0.50	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
108-88-3	Toluene	11		ug/m ³	0.15	0.64	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.081	0.67	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.14	0.77	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
79-01-6	Trichloroethylene	2.2		ug/m ³	0.11	0.46	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-69-4	Trichlorofluoromethane (Freon 11)	3.0		ug/m ³	0.057	0.95	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
108-05-4	Vinyl acetate	ND		ug/m ³	0.090	1.2	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.10	0.87	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
	Surrogate Recoveries	Result			Acceptance Range						
460-00-4	Surrogate: p-Bromofluorobenzene	104 %			70-130						

Sample Information

Client Sample ID: AQ42312:1105NP4-2

York Sample ID: 12D0745-02

York Project (SDG) No.
12D0745

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
April 23, 2012 11:05 am

Date Received
04/24/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: AQ42312:1105NP4-2

York Sample ID: 12D0745-02

York Project (SDG) No.
12D0745

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
April 23, 2012 11:05 am

Date Received
04/24/2012

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	17		ug/m ³	0.19	1.0	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.31	1.3	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.10	1.5	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.26	1.0	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-34-3	1,1-Dichloroethane	7.6		ug/m ³	0.093	0.77	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.11	0.76	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.31	1.4	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.11	4.7	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.5	1.5	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.29	1.1	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.19	0.77	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.19	0.88	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.23	1.3	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.12	1.9	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.12	0.83	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.21	1.1	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.25	1.1	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.62	6.9	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
78-93-3	2-Butanone	ND		ug/m ³	0.22	0.56	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
591-78-6	2-Hexanone	3.2		ug/m ³	0.43	1.6	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.28	0.78	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
67-64-1	Acetone	28		ug/m ³	0.14	0.45	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
71-43-2	Benzene	4.1		ug/m ³	0.091	0.61	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
100-44-7	Benzyl chloride	ND		ug/m ³	0.12	0.99	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-27-4	Bromodichloromethane	ND		ug/m ³	0.28	1.2	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-25-2	Bromoform	ND		ug/m ³	0.35	2.0	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
74-83-9	Bromomethane	ND		ug/m ³	0.089	0.74	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-15-0	Carbon disulfide	1.5		ug/m ³	0.071	0.59	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.14	0.60	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
108-90-7	Chlorobenzene	ND		ug/m ³	0.16	0.88	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-00-3	Chloroethane	ND		ug/m ³	0.060	0.50	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
67-66-3	Chloroform	4.1		ug/m ³	0.14	0.93	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
74-87-3	Chloromethane	1.5		ug/m ³	0.12	0.39	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.13	0.76	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.22	0.87	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
110-82-7	Cyclohexane	ND		ug/m ³	0.079	0.66	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD

Sample Information

Client Sample ID: AQ42312:1105NP4-2

York Sample ID: 12D0745-02

York Project (SDG) No.
12D0745

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
April 23, 2012 11:05 am

Date Received
04/24/2012

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	1.5	1.5	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-71-8	Dichlorodifluoromethane	2.1		ug/m ³	0.24	0.94	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
141-78-6	Ethyl acetate	ND		ug/m ³	0.17	0.69	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
100-41-4	Ethyl Benzene	2.3		ug/m ³	0.15	0.83	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.37	2.0	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
67-63-0	Isopropanol	2.8		ug/m ³	0.16	0.47	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.082	0.69	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-09-2	Methylene chloride	3.8		ug/m ³	0.16	0.66	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
142-82-5	n-Heptane	2.7		ug/m ³	0.094	0.78	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
110-54-3	n-Hexane	20		ug/m ³	0.081	0.67	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
95-47-6	o-Xylene	1.5		ug/m ³	0.15	0.83	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
1330-20-7P/M	p- & m- Xylenes	5.1		ug/m ³	0.28	0.83	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
622-96-8	p-Ethyltoluene	ND		ug/m ³	0.17	4.7	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
115-07-01	Propylene	ND		ug/m ³	0.15	0.33	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
100-42-5	Styrene	ND		ug/m ³	0.15	0.81	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
127-18-4	Tetrachloroethylene	110		ug/m ³	0.16	1.3	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
109-99-9	Tetrahydrofuran	ND		ug/m ³	0.14	0.56	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
108-88-3	Toluene	14		ug/m ³	0.17	0.72	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.091	0.76	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.16	0.87	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
79-01-6	Trichloroethylene	1.7		ug/m ³	0.12	0.51	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-69-4	Trichlorofluoromethane (Freon 11)	2.4		ug/m ³	0.064	1.1	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
108-05-4	Vinyl acetate	ND		ug/m ³	0.10	1.3	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.12	0.97	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
	Surrogate Recoveries	Result			Acceptance Range						
460-00-4	<i>Surrogate: p-Bromofluorobenzene</i>	<i>103 %</i>			<i>70-130</i>						

Sample Information

Client Sample ID: AQ42312:1110NP4-3

York Sample ID: 12D0745-03

York Project (SDG) No.
12D0745

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
April 23, 2012 11:10 am

Date Received
04/24/2012

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	4.4		ug/m ³	0.17	0.97	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD

Sample Information

Client Sample ID: AQ42312:1110NP4-3

York Sample ID: 12D0745-03

York Project (SDG) No.
12D0745

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
April 23, 2012 11:10 am

Date Received
04/24/2012

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
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.29	1.2	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.9		ug/m ³	0.095	1.4	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.24	0.97	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-34-3	1,1-Dichloroethane	6.7		ug/m ³	0.086	0.72	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.11	0.70	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.29	1.3	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.10	4.4	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.4	1.4	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.27	1.1	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.17	0.72	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.18	0.82	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.21	1.2	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.11	1.7	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.12	0.77	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.19	1.1	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.23	1.1	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.58	6.4	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
78-93-3	2-Butanone	ND		ug/m ³	0.21	0.52	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
591-78-6	2-Hexanone	ND		ug/m ³	0.40	1.5	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.26	0.73	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
67-64-1	Acetone	13		ug/m ³	0.13	0.42	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
71-43-2	Benzene	1.8		ug/m ³	0.085	0.57	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
100-44-7	Benzyl chloride	ND		ug/m ³	0.11	0.92	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-27-4	Bromodichloromethane	ND		ug/m ³	0.26	1.1	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-25-2	Bromoform	ND		ug/m ³	0.33	1.8	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
74-83-9	Bromomethane	ND		ug/m ³	0.083	0.69	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-15-0	Carbon disulfide	1.3		ug/m ³	0.066	0.55	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.13	0.56	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
108-90-7	Chlorobenzene	ND		ug/m ³	0.15	0.82	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-00-3	Chloroethane	ND		ug/m ³	0.056	0.47	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
67-66-3	Chloroform	2.2		ug/m ³	0.13	0.87	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
74-87-3	Chloromethane	1.2		ug/m ³	0.11	0.37	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.12	0.70	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.20	0.81	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
110-82-7	Cyclohexane	ND		ug/m ³	0.073	0.61	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD

Sample Information

Client Sample ID: AQ42312:1110NP4-3

York Sample ID: 12D0745-03

York Project (SDG) No.
12D0745

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
April 23, 2012 11:10 am

Date Received
04/24/2012

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	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-71-8	Dichlorodifluoromethane	2.2		ug/m ³	0.22	0.88	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
141-78-6	Ethyl acetate	ND		ug/m ³	0.16	0.64	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
100-41-4	Ethyl Benzene	1.7		ug/m ³	0.14	0.77	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.34	1.9	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
67-63-0	Isopropanol	3.8		ug/m ³	0.15	0.44	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.077	0.64	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-09-2	Methylene chloride	3.2		ug/m ³	0.15	0.62	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
142-82-5	n-Heptane	1.5		ug/m ³	0.087	0.73	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
110-54-3	n-Hexane	4.1		ug/m ³	0.075	0.63	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
95-47-6	o-Xylene	1.5		ug/m ³	0.14	0.77	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
1330-20-7P/M	p- & m- Xylenes	5.0		ug/m ³	0.26	0.77	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
622-96-8	p-Ethyltoluene	ND		ug/m ³	0.16	4.4	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
115-07-01	Propylene	ND		ug/m ³	0.14	0.31	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
100-42-5	Styrene	ND		ug/m ³	0.14	0.76	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.14	1.2	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
109-99-9	Tetrahydrofuran	ND		ug/m ³	0.13	0.52	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
108-88-3	Toluene	9.0		ug/m ³	0.16	0.67	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.084	0.70	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.14	0.81	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
79-01-6	Trichloroethylene	ND		ug/m ³	0.11	0.48	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-69-4	Trichlorofluoromethane (Freon 11)	3.0		ug/m ³	0.060	1.0	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
108-05-4	Vinyl acetate	ND		ug/m ³	0.094	1.2	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.11	0.91	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
	Surrogate Recoveries	Result			Acceptance Range						
460-00-4	<i>Surrogate: p-Bromofluorobenzene</i>	<i>101 %</i>			<i>70-130</i>						

Analytical Batch Summary

Batch ID: BE20024

Preparation Method: EPA TO15 PREP

Prepared By: TD

YORK Sample ID	Client Sample ID	Preparation Date
12D0745-01	AQ42312:1100NP4-1	04/30/12
12D0745-02	AQ42312:1105NP4-2	04/30/12
12D0745-03	AQ42312:1110NP4-3	04/30/12
BE20024-BLK1	Blank	04/30/12
BE20024-BS1	LCS	04/30/12
BE20024-DUP1	Duplicate	04/30/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE20024 - EPA TO15 PREP

Blank (BE20024-BLK1)

Prepared: 04/30/2012 Analyzed: 05/01/2012

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	0.60	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	0.27	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	"

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE20024 - EPA TO15 PREP

Blank (BE20024-BLK1)

Prepared: 04/30/2012 Analyzed: 05/01/2012

1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	ug/m ³								
1,1,2,2-Tetrachloroethane	ND	0.70	"								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Chlorobenzene	ND	0.47	"								
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.80</i>		<i>ppbv</i>	<i>10.0</i>		<i>98.0</i>	<i>70-130</i>				

LCS (BE20024-BS1)

Prepared: 04/30/2012 Analyzed: 05/01/2012

Vinyl Chloride	10.8		ppbv	10.1		107	70-130				
Vinyl acetate	2.36		"	9.70		24.3	58.1-135	Low Bias			
Trichloroethylene	11.3		"	10.2		111	70-130				
trans-1,3-Dichloropropylene	11.0		"	9.90		111	62-135				
trans-1,2-Dichloroethylene	10.2		"	9.50		107	58.3-130				
Toluene	12.2		"	10.8		113	64.9-126				
Tetrahydrofuran	12.0		"	10.2		118	44.6-146				
Tetrachloroethylene	12.0		"	10.5		114	70-130				
Styrene	12.5		"	10.7		117	66.4-132				
Propylene	11.4		"	11.0		104	62.4-150				
p-Ethyltoluene	14.6		"	10.4		141	73.8-146				
p- & m- Xylenes	23.7		"	21.0		113	56.6-136				
o-Xylene	12.7		"	10.8		117	67.8-133				
n-Hexane	11.1		"	10.3		108	59.7-130				
n-Heptane	11.5		"	10.4		111	62.3-134				
Methylene chloride	8.00		"	10.0		80.0	62.6-130				
Methyl tert-butyl ether (MTBE)	11.6		"	10.2		114	60.7-139				
4-Methyl-2-pentanone	9.01		"	10.0		90.1	64.5-158				
Isopropanol	9.03		"	9.90		91.2	60-150				
Hexachlorobutadiene	13.4		"	11.0		122	61.2-150				
Ethyl Benzene	12.0		"	10.7		112	68.4-125				
Ethyl acetate	14.6		"	10.0		146	40.6-150				
Cyclohexane	11.4		"	10.2		112	60.4-127				
cis-1,3-Dichloropropylene	11.8		"	10.7		110	65.5-129				
cis-1,2-Dichloroethylene	11.0		"	10.5		104	51.3-118				
Chloromethane	10.2		"	10.1		101	64.9-130				
Chloroform	10.4		"	10.0		104	65.1-130				
Chloroethane	10.9		"	10.1		108	52.1-131				
Carbon tetrachloride	10.2		"	10.1		101	70-130				
Carbon disulfide	10.2		"	10.0		102	61.8-111				
Bromomethane	9.96		"	10.2		97.6	60.1-140				
Bromoform	12.1		"	10.5		115	58.7-150				
Bromodichloromethane	11.2		"	10.2		109	65.3-127				
Benzyl chloride	9.76		"	10.2		95.7	62.5-150				
Benzene	11.1		"	10.4		107	69.5-130				
Acetone	10.7		"	10.0		107	55.3-133				
2-Hexanone	7.96		"	10.1		78.8	52-150				
2-Butanone	15.5		"	10.0		155	28.5-154	High Bias			
1,4-Dioxane	8.28		"	10.2		81.2	50-150				
1,4-Dichlorobenzene	12.7		"	10.6		120	62.5-139				
1,3-Dichlorobenzene	12.5		"	10.2		123	71.9-153				
1,3-Butadiene	11.4		"	10.5		108	66.7-127				
1,3,5-Trimethylbenzene	13.0		"	10.6		122	65-152				

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	Limit	Flag
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Batch BE20024 - EPA TO15 PREP

LCS (BE20024-BS1)

Prepared: 04/30/2012 Analyzed: 05/01/2012

1,2-Dichlorotetrafluoroethane	10.3		ppbv	10.1		102	63.3-129				
1,2-Dichloropropane	11.5		"	10.7		108	21.3-152				
1,2-Dichloroethane	11.1		"	10.4		106	51.2-124				
1,2-Dichlorobenzene	12.2		"	10.6		115	63.7-148				
1,2,4-Trimethylbenzene	13.6		"	10.7		127	67.9-152				
1,2,4-Trichlorobenzene	13.1		"	11.0		119	58-147				
1,1-Dichloroethylene	10.3		"	9.80		105	58.1-130				
1,1-Dichloroethane	10.8		"	10.2		106	63.3-130				
Trichlorofluoromethane (Freon 11)	9.90		"	10.5		94.3	56-132				
1,1,2-Trichloroethane	12.0		"	10.7		112	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.87		"	9.70		102	60.2-125				
1,1,2,2-Tetrachloroethane	10.4		"	10.8		96.8	63.7-132				
1,1,1-Trichloroethane	11.0		"	10.4		106	58.2-126				
Dichlorodifluoromethane	10.1		"	10.0		101	62.8-133				
1,2-Dibromoethane	12.0		"	10.6		113	70-130				
Dibromochloromethane	12.1		"	10.6		114	70-130				
Chlorobenzene	11.9		"	10.8		110	67.6-122				
Surrogate: <i>p</i> -Bromofluorobenzene	10.4		"	10.0		104	70-130				

Duplicate (BE20024-DUP1)

*Source sample: 12D0745-02 (AQ42312:1105NP4-2)

Prepared: 04/30/2012 Analyzed: 05/01/2012

Vinyl Chloride	ND	0.97	ug/m ³		ND					25	
Vinyl acetate	ND	1.3	"		ND					25	
Trichloroethylene	1.9	0.51	"		1.7				11.1	25	
trans-1,3-Dichloropropylene	ND	0.87	"		ND					25	
trans-1,2-Dichloroethylene	ND	0.76	"		ND					25	
Toluene	15	0.72	"		14				5.38	25	
Tetrahydrofuran	ND	0.56	"		ND					25	
Tetrachloroethylene	110	1.3	"		110				4.11	25	
Styrene	ND	0.81	"		ND					25	
Propylene	ND	0.33	"		ND					25	
p-Ethyltoluene	1.4	4.7	"		1.4				0.00	25	
p- & m- Xylenes	5.0	0.83	"		5.1				1.63	25	
o-Xylene	1.5	0.83	"		1.5				0.00	25	
n-Hexane	20	0.67	"		20				0.988	25	
n-Heptane	2.7	0.78	"		2.7				0.00	25	
Methylene chloride	4.0	0.66	"		3.8				3.39	25	
Methyl tert-butyl ether (MTBE)	ND	0.69	"		ND					25	
4-Methyl-2-pentanone	ND	0.78	"		ND					25	
Isopropanol	3.0	0.47	"		2.8				4.88	25	
Hexachlorobutadiene	ND	2.0	"		ND					25	
Ethyl Benzene	2.3	0.83	"		2.3				0.00	25	
Ethyl acetate	ND	0.69	"		ND					25	
Cyclohexane	ND	0.66	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.87	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.76	"		ND					25	
Chloromethane	1.6	0.39	"		1.5				2.53	25	
Chloroform	4.2	0.93	"		4.1				2.25	25	
Chloroethane	ND	0.50	"		ND					25	
Carbon tetrachloride	ND	0.60	"		ND					25	
Carbon disulfide	1.6	0.59	"		1.5				3.77	25	
Bromomethane	ND	0.74	"		ND					25	
Bromoform	ND	2.0	"		ND					25	
Bromodichloromethane	ND	1.2	"		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 BE20024 - EPA TO15 PREP											
Duplicate (BE20024-DUP1)	*Source sample: 12D0745-02 (AQ42312:1105NP4-2)						Prepared: 04/30/2012 Analyzed: 05/01/2012				
Benzyl chloride	ND	0.99	ug/m ³		ND					25	
Benzene	4.2	0.61	"		4.1				2.94	25	
Acetone	28	0.45	"		28				2.75	25	
2-Hexanone	3.7	1.6	"		3.2				13.6	25	
2-Butanone	ND	0.56	"		ND					25	
1,4-Dioxane	ND	6.9	"		ND					25	
1,4-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Butadiene	ND	0.83	"		ND					25	
1,3,5-Trimethylbenzene	ND	1.9	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.3	"		ND					25	
1,2-Dichloropropane	ND	0.88	"		ND					25	
1,2-Dichloroethane	ND	0.77	"		ND					25	
1,2-Dichlorobenzene	ND	1.1	"		ND					25	
1,2,4-Trimethylbenzene	ND	4.7	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.4	"		ND					25	
1,1-Dichloroethylene	ND	0.76	"		ND					25	
1,1-Dichloroethane	7.8	0.77	"		7.6				3.02	25	
Trichlorofluoromethane (Freon 11)	2.4	1.1	"		2.4				0.00	25	
1,1,2-Trichloroethane	ND	1.0	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.5	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.3	"		ND					25	
1,1,1-Trichloroethane	17	1.0	"		17				3.04	25	
Dichlorodifluoromethane	2.2	0.94	"		2.1				4.44	25	
1,2-Dibromoethane	ND	1.5	"		ND					25	
Dibromochloromethane	ND	1.5	"		ND					25	
Chlorobenzene	ND	0.88	"		ND					25	
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.2</i>		<i>ppbv</i>	<i>10.0</i>		<i>102</i>	<i>70-130</i>				

Notes and Definitions

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

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

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

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

NR Not reported

RPD Relative Percent Difference

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

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

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

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

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

ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record - AIR

Page 1 of 1

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

York Project No. 12 D074/s

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type/Deliverables	
Company: <u>LBG</u>	Company: <u>Same</u>	Company: <u>Same</u>		Company: <u>Same</u>		YOUR Project ID		Turn-Around Time		Report Type/Deliverables	
Address: <u>4 Research Dr, Suite 304</u>	Address: <u>Same</u>	Address: <u>Same</u>		Address: <u>Same</u>		YOUR Project ID		Turn-Around Time		Report Type/Deliverables	
Phone No: <u>203-929-8555</u>	Phone No: <u>Same</u>	Phone No: <u>Same</u>		Phone No: <u>Same</u>		YOUR Project ID		Turn-Around Time		Report Type/Deliverables	
Contact Person: <u>Tunde Sander</u>	Attention: <u>Same</u>	Attention: <u>Same</u>		Attention: <u>Same</u>		YOUR Project ID		Turn-Around Time		Report Type/Deliverables	
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>		YOUR Project ID		Turn-Around Time		Report Type/Deliverables	
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.		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.		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.		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.		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.		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 HART</u> Name (printed)		Air Matrix Codes AI - INDOOR Ambient Air AO - OUTDOOR Amb. Air AB - Vapor Extraction Well/ Process Gas/Effluent AS - SOIL Vapor/Sub-Slab		TO15 Volatiles and Other Gas Analyses EPA TO-15 List Tentatively Identified Compounds		Samples from: CT <u>NY</u> <u>X</u> NJ		Detection Limits Required ≤ 1 ug/m ³ NYSDC VI Limits (VI - vapor extraction) NUDEP low level Routine Survey Other		Special Instructions	
Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Check Analyzes Needed from the Mean Above and Below	Sampling Media					
<u>AQ42312-1100NP4-1</u>	<u>4/21/12 1100</u>	<u>AE</u>			<u>EPA TO-15 List</u>	6 Liter Summa canister ✓ Tedlar Bag					
<u>AQ42312-1105NP4-2</u>	<u>1105</u>	<u>AE</u>				6 Liter Summa canister ✓ Tedlar Bag					
<u>AQ42312-1110NP4-3</u>	<u>1110</u>	<u>AE</u>				6 Liter Summa canister ✓ Tedlar Bag					
						6 Liter Summa canister ✓ Tedlar Bag					
						6 Liter Summa canister ✓ Tedlar Bag					
						6 Liter Summa canister ✓ Tedlar Bag					
						6 Liter Summa canister ✓ Tedlar Bag					
						6 Liter Summa canister ✓ Tedlar Bag					
						6 Liter Summa canister ✓ Tedlar Bag					
						6 Liter Summa canister ✓ Tedlar Bag					
Comments						<u>Durand Kora 4/24/12 10:30</u> Samples Relinquished By <u>TC Kella</u> Date/Time <u>4/24/12 10:30</u> Samples Relinquished By <u>Grace</u> Date/Time <u>4/24/12 1210</u>					