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PROJECT STATUS MEMORANDUM

NO. 02-12

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

DATE: April 20, 2012

PROJECT: Rowe Industries Superfund Site
Groundwater Recovery and Treatment System
February 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 February 1, 2012 through February 29, 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

(February 1, 2012 through February 29, 2012)

- | | |
|---|--------------------------------------|
| 1. Hours of operation during the reporting period: | 495 hours (71.2%) |
| 2. Alarm conditions during the reporting period: | See Table 1 |
| 3. Was the SPDES VOC discharge permit criteria achieved: | yes, (see Table 2) |
| 4. Total volume of water pumped during the reporting period: | 11,626,661 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: | 0.31 pounds* |
| 7. Cumulative mass of VOCs recovered since startup on 12/17/02:
(calculations can be provided upon request) | 223.2 pounds |
| 8. Effluent VOC vapor concentration for the reporting period: | 0.06 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 (0.00057 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	768,177	27	13	2.3	0.01
RW-3	865,061	30	10	1.7	0.01
RW-4	1,125,279	40	10	7.6	0.07
RW-5	1,483,743	50	50	2.0	0.03
RW-6	432,870	15	15	7.2	0.10
RW-7	2,032,791	70	69	2.9	0.05
RW-8	1,194,579	50	41	0	0
RW-9	2,111,175	72	16	0	0

^{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 February.

On February 6, Alpine Environmental with LBG supervision began decommissioning the soil vapor extraction (SVE) and air sparge (AS) wells and associated piping located on the Sag Harbor Industries (SHI) Property. The SVE system which operated in 2003 was partially decommissioned in 2004, however, the piping and concrete vaults remained in place awaiting a more opportune time for decommissioning. During January 2012 the owner/operators of the SHI property began construction of a new building in the parking area located on the northeast side of the currently developed portion of the property. Because the parking lot was already under construction, this situation proved to be the appropriate time to decommission the remaining wells and piping associated with the former SVE and AS systems. The decommissioning consisted of the removal of two valve vaults, grouting the 4-inch diameter SVE and 2-inch diameter AS wells to within 6 to 12 inches from grade, removing the existing road boxes and concrete around the wells, and backfilling with clean soil to grade.

On February 9, LBG observed that the telephone lines for both the FSP&T and FP&T system were not functioning. Verizon was contacted for troubleshooting. On February 10th a Verizon technician determined that the main bundle of telephone wires entering the SHI property had been severed during construction on the property. On February 14, the telephone lines utilized for the FSP&T and FP&T system autodialers had been repaired. The FSP&T and FP&T systems were operated, and monitored manually during time the telephone lines were not functioning.

At approximately 3:30 pm on February 23, 2012, LBG was contacted by Mr. Tom Frank from National Grid to inform LBG that National Grid may have drilled through the below-grade pipe near RW-9 while conducting horizontal drilling for the installation of new gas mains. LBG immediately contacted Jamie Forrester, LBG’s local technician, who shut down the FSP&T and

FP&T systems at approximately 4:00 pm. An unknown amount of water was released and diverted to a field off of Nyack Road. National Grid indicated that the incident occurred at approximately 3:00 pm. However, based on the downloaded FSP&T system data-logged influent flow rates, the influent flow decreased by approximately 154 gpm between 12:50 pm and 1:50 pm indicating that the incident most likely occurred during this time frame.

On February 28, Alpine Environmental mobilized to the site to begin preparations for the repair of the below-grade pipe. The area near the damaged pipe was inspected and the conditions were documented with photographs. The electrical components in the RW-9 well vault were inspected for damage; no electrical damage was observed. Digsafe mark outs were completed and a Digsafe ticket was filed. On February 29, LBG and Alpine met at the location of the planned work to coordinate the approval of a road opening permit. Repairs to the damaged pipe were completed on March 1, 2012 and the FSP&T system was restarted.

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, 2 and effluent flow meters. The FRW-1 and 2 flow meters were cleaned three times and the effluent flow meter was cleaned once during the month of February. An increase in the amount of iron bacteria accumulation in the FRW-1 flow meter has been observed during the last several months.

The following table summarizes the parameters for the FRWs for the reporting period of January 24, 2012 through February 21, 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	49,312	133.3	0.050
FRW-2	11,607	18.3	0.002
FRW-3	7,551	30.9	0.002
FRW-4	262,189	29.7	0.060
Total	372,998 ^{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 February 2012 included:

- on February 2, technicians from Barrish Pump replaced the broken coupling in the FSP&T system TP2A transfer pump and inspected the TP2B transfer pump;
- on February 6 to 8 , decommissioned the SVE and AS wells and associated piping;
- on February 9, noticed that the telephone lines associated with the FSP&T and FP&T systems were not operating, contacted Verizon for service;

- on February 10, a technician from Verizon determined that the main bundle of phone lines entering the SHI property had been severed by Renner Landscaping during excavation for the new parking lot being constructed on the SHI property and began repairs;
- on February 23, LBG was notified by National Grid that during their drilling activities, they severed a below-grade water line near RW-9, the FSP&T and FP&T systems were immediately shut down and remained down for the remainder of February while repairs were completed; and
- On February 29, LBG and Alpine Environmental met at the location of the planned below-grade pipe repairs to plan the work and coordinate the approval of a road opening permit.

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

- normal weekly/monthly O&M activities;
- measurement of groundwater elevations in piezometers, monitor and recovery wells under static and pumping conditions;
- semi-annual groundwater sampling;
- conduct recovery well rehabilitation;
- clean the EQ tank, transfer tank, bag filter housing (screens and butterfly valves) 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 the condition of the recharge basin outfalls;
- inspect condition of the air stripper tower packing material; and
- clean FP&T system carbon unit, holding tank, 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
(February 1, 2012 through February 29, 2012)

Date	Time	System Changes/Modifications	Personnel
2/2/2012	10:00 AM	Barrish Pump on site to replace coupling from FSP&T transfer pump TP2A. Also inspected TP2B coupling and determined it was in good condition.	SH/Barrish Pump
		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
	10:45 AM	Acknowledged the power failure alarm from 1-26-12 and restarted the FSP&T system.	SH
	11:25 AM	Restarted the FP&T system.	SH
		Marked out MWs on Noyac Rd, below-grade piping on Sag Harbor Turnpike for one call ticket. Mark out and CBYD for SVE/AS decommissioning.	SH
2/6/2012		Began decommissioning of Soil Vapor Extraction (SVE) wells. Started to remove vaults and disassemble manifolds, began grouting from manifolds to SVE trailer.	SH/Alpine
	11:09 AM	Shut down FSP&T and FP&T systems to test the auto dialer system, auto dialer not functioning correctly.	SH
	11:20 AM	Restarted the FSP&T system.	SH
		Calibrated the pH meter located in the FSP&T system effluent transfer tank.	SH
		Replaced the malfunctioning reed switch in the RW-8 flow meter.	SH
		Cleaned the FRW-1, 2 and FP&T system effluent flow meter paddle wheels.	SH
	11:35 AM	Restarted the FP&T system.	SH
2/7/2012		Continued the decommissioning of the SVE system and associated wells. Finished removal of two SVE manifold vaults, backfilled and landscaped the area. Started to remove the concrete pads and curb boxes. Continued grouting below-grade piping.	SH/Alpine
2/8/2012		Continued the decommissioning of the SVE system and associated wells. Completed the grouting of the below-grade piping.	SH/Alpine
2/9/2012	5:16 AM	FSP&T and FP&T systems shut down due to a power failure alarm.	
	11:20 AM	Reset the alarm and restarted the FSP&T system.	SH
		Continued the decommissioning of the SVE system and associated wells. Removed the remaining road boxes and concrete pads.	SH/Alpine
		Noticed a problem with the telephone lines, contacted Verizon and scheduled a maintenance visit.	SH
2/10/2012		Changed the multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.	SH
		Inspected the phone lines, discovered that the main bundle of phone lines located at the front of the SHI property had been severed by Renner Landscaping during the construction activities. Verizon will repair the phone lines.	SH/Verizon
2/14/2012		Tested the phone lines, the three main lines for the security alarm, the FSP&T and FP&T system autodials appear to have been repaired, two lines still not functioning.	SH
		Observed that the FRW-1 flow meter was not functioning correctly. Cleaned the FRW-1 and 2 flow meter paddle wheels. All flow meters functioning following cleaning.	SH
2/21/2012		Changed the FSP&T system 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
		Observed that the FRW-1 and 2 flow meters were not functioning at all, cleaned heavy iron fouling from the flow meter paddle wheels, flowmeters functioning normally following cleaning.	SH
2/23/2012	5:18 AM	FSP&T and FP&T systems shut down due to a power failure alarm.	
	12:08 PM	Reset the alarms and restarted the FSP&T system.	JF
		Based on the FSP&T system datalogged flow rates, between 12:50 PM and 1:50 PM the influent flow to the FSP&T system decreased by approximately 154 gpm. This may be the approximate time when National Grid damaged the below-grade pipe near RW-9 while conducting horizontal drilling.	
	3:30 PM	Mr. Tom Frank from National Grid informed LBG that they may have hit the below grade water line near RW-9. LBG immediately contacted Mr. Jamie Forrester, LBGs local technician, to shut down the FSP&T system.	MG
	4:00 PM	Shut down the FSP&T system.	JF

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

MAINTENANCE LOG
(February 1, 2012 through February 29, 2012)

Date	Time	System Changes/Modifications	Personnel
2/28/2012		Inspected the RW-9 area, no damage to electrical panels in the below-grade vault, coordinated repairs with Alpine Environmental. FSP&T system will remain off until repairs are made.	EF
2/29/2012		Met with town highway department in the vicinity of RW-9. Filed road opening permit. Evacuated remaining water from the off site below-grade piping and jet washed the piping section between RW-9 and the RW-9 cleanout vault. Completed a video examination of the RW-9 below-grade piping and identified break in the pipe. Treated evacuated water through the FSP&T system.	SH/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	---	---
2-Feb-12	5.3	88	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.53 J,B	ND<0.5	0.11 J,B	ND<0.5	4.25	0.022
10-Feb-12	7.2	80	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	0.6 J,B	ND<0.5	0.32 J,B	ND<0.5	0.83	0.027
14-Feb-12	7.1	125	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	0.35 J,B	ND<0.5	ND<2	ND<0.5	1.61	0.058
21-Feb-12	6.9	117	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	1.88	0.044

SPDES: State Pollutant Discharge Elimination System

NM: Not Measured

TCE: Trichloroethene

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

mg/l: Milligrams per liter

TDS: Total dissolved solids

1,1-DCA: 1,1-Dichloroethane

ug/l: Micrograms per liter

PCE: Tetrachloroethylene

1,1-DCE: 1,1-Dichloroethene

---: Not established

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

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

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

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

Notes:

- Based on the SPDES criteria from an NYSDEC letter dated on May 11, 2006, the new allowable pH range for the Rowe Site is between 5.0 and 8.5. On February 2, 2012 the pH was measured with litmus paper; on February 10, 14 and 21 the pH was obtained from the electronic pH meter installed in the effluent transfer tank.
- "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
AQ3211:1405NP4-1	3/2/2011	14:05	0.3500	0.0110	0.0250	0.0010	0.0059	0.0072	ND	0.0240	0.0440	0.0200	0.0082	0.0027	0.0100	ND	0.52
AQ4511:1330NP4-1	4/5/2011	13:30	0.0830	0.0073	0.0380	0.0016	0.0097	0.0059	ND	0.0031	ND	ND	0.0077	0.0030	ND	ND	0.16
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

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
AQ3211:1410NP4-2	3/2/2011	14:10	0.0049	0.0016	0.0440	0.0017	0.0066	0.0023	ND	ND	ND	ND	0.0073	0.0018	ND	ND	0.08
AQ4511:1335NP4-2	4/5/2011	13:35	0.0055	0.0017	0.0390	0.0014	0.0081	0.0029	ND	0.0180	ND	ND	0.0071	0.0170	ND	ND	0.11
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

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
AQ3211:1415NP4-3	3/2/2011	14:15	ND	ND	0.0890	0.0023	0.0130	0.0051	ND	0.0014	ND	ND	0.0120	0.0021	ND	ND	0.13
AQ4511:1340NP4-3	4/5/2011	13:40	ND	ND	0.0600	0.0021	0.0110	0.0052	ND	0.0055	ND	ND	0.0110	0.0038	ND	ND	0.11
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

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)	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	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	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<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<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<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<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<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<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<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<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<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	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<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<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<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<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<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<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<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<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<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<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<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<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	3.8 B
RW-2	16-Mar-10	1.0	ND<1	1.7	ND<1	ND<1	2.56	0.515	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	08-Apr-10	ND<1	ND<1	ND<1	ND<1	ND<1	5.43	0.036	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	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<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<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<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 ¹⁷	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<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<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<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<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<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<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<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<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<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<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<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<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<1	3.9 B	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	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	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	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	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	0.53 J	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)	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	5	5	NE	NE	NE
RW-3	16-Mar-10	ND<1	1.4	ND<1	ND<1	ND<1	2.18	0.087	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	08-Apr-10	ND<1	ND<1	ND<1	ND<1	ND<1	2.61	0.170	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	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<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<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<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 ¹⁷	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<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<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<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<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<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<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<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<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<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<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<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<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<1	7.0 J,B	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	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<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<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	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	0.28 J	ND<1	ND<0.5	ND<0.5	ND<0.5	1.7 J,B
RW-4	16-Mar-10	2.1	ND<1	4.2	ND<1	ND<1	4.69	2.77	0.63	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	08-Apr-10	ND<1	ND<1	ND<1	ND<1	ND<1	5.70	0.07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	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<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<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<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 ¹⁷	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<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<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<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<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<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<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<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<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<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<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<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<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<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	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<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	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	0.11 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	14-Feb-12	1.1	0.13 J	4.0	0.19 J	ND<0.5	-	-	1.8	0.26 J	0.43 J,B	ND<0.5	ND<0.5	0.15 J	ND<1	ND<0.5	ND<0.5	ND<0.5	1.7 J,B

TABLE 4

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

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (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	5	5	NE	NE	NE
RW-5	16-Mar-10	ND<1	ND<1	2.6	0.66	ND<1	0.053	0.0230	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	08-Apr-10	ND<1	ND<1	ND<1	ND<1	ND<1	0.087	0.0092	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	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<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<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<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 ¹¹	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<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<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<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<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<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<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<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<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<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<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<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<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<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	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<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<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<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<2	ND<1	ND<0.5	ND<0.5	ND<0.5	1.6 J,B
RW-6	16-Mar-10	7.0	ND<1	4.2	ND<1	ND<1	0.0550	0.0241	0.91	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	08-Apr-10	6.9	ND<1	2.9	ND<1	ND<1	0.0855	0.0546	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	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<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<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<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 ¹¹	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<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<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<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<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<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<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<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<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<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<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<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<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<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<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<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<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<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<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)	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	5	5	NE	NE	NE
RW-7	16-Mar-10	3.6	ND<1	0.77	ND<1	ND<1	0.260	0.1410	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	08-Apr-10	5.0	ND<1	ND<1	ND<1	ND<1	0.118	0.0679	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	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<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<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<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
	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<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<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<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<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<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<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<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<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<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<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<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<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
	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<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<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<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	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<2	ND<1	ND<0.5	ND<0.5	ND<0.5	1.8 J,B
RW-8	16-Mar-10	ND<1	ND<1	ND<1	ND<1	ND<1	8.15	2.36	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	08-Apr-10	ND<1	ND<1	ND<1	ND<1	ND<1	9.18	0.20	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	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<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<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<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
	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<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<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<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<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<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<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<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<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<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<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<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<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<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<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<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<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	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	2.0 B	ND<1	ND<0.5	ND<0.5	ND<0.5	1.6 J,B

TABLE 4

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

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	Methylene Chloride (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	5	5	NE	NE	NE
RW-9	16-Mar-10	ND<1	ND<1	ND<1	ND<1	ND<1	2.64	1.84	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	08-Apr-10	ND<1	ND<1	ND<1	ND<1	ND<1	1.70	0.18	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	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<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<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<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
	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<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<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<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<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<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<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<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<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<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<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<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<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<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<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<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<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	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	0.27 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	1.4 J,B

ND: Not detected

<#: Less than method detection limit

ug/L: Micrograms per liter

-: Not analyzed

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

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

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

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

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

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

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

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

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 ¹⁷			5		5	5	5	1 ¹⁷	NE	5	NE
16-Mar-10	160	1.2	8.3	4.60	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
8-Apr-10	110	ND<1	ND<1	ND<1	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 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

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

1. NYSDCE 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.

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

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
16-Mar-10	33	1.7	14	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
8-Apr-10	46	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 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

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.

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

VC: Vinyl chloride
EB: Ethylbenzene
MC: Methylene chloride

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	SBB	1,3,5TMB	Chloroform	CM	MC	Acetone
ARARs	5	5	5	5	5 ^{1/2}	5 ^{1/2}	5	5		5	1 ^{1/2}		5 ^{1/2}	5 ^{1/2}	7	5	5	NE
16-Mar-10	190	3.2	19	ND<1	1.5	0.83 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
8-Apr-10	240	ND<1	38	ND<1	ND<1	ND<1	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 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	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
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	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	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	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
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
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
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
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
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
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
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
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
28-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
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
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
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
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
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	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	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	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	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	0.64	0.12 J.B	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	0.27 J	ND<0.5	ND<0.5	0.38 J.B	ND<0

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-: 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.

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

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
16-Mar-10	5.3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
8-Apr-10	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
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

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.

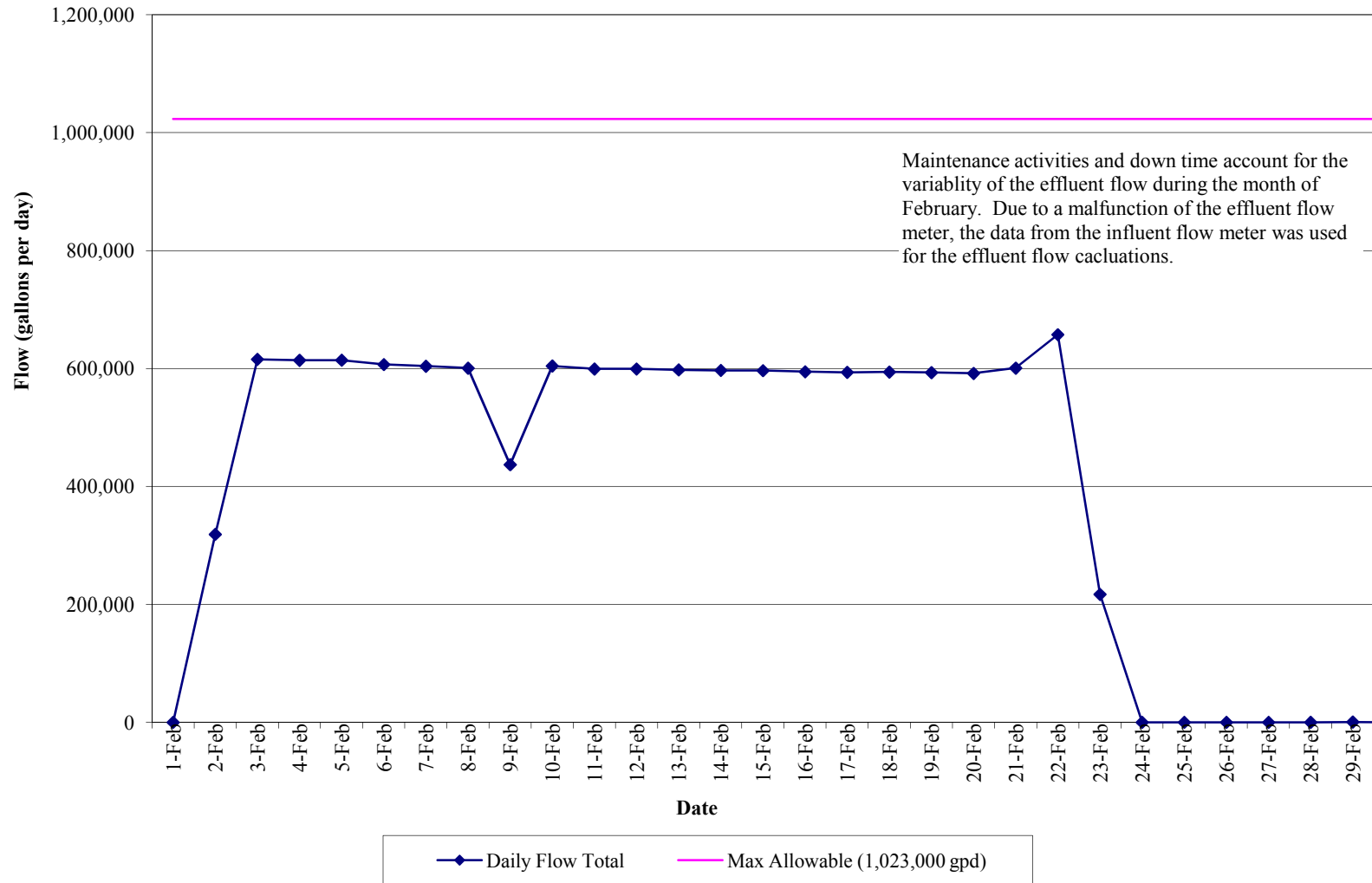
PCE: Tetrachloroethylene
TCE: Trichloroethene
12DCE: cis-1,2-Dichloroethene
TCA: 1,1,1-Trichloroethane

IPB: Isopropylbenzene
NPB: n-Propylbenzene
VC: Vinyl Chloride
MC: Methylene chloride

GRAPHS

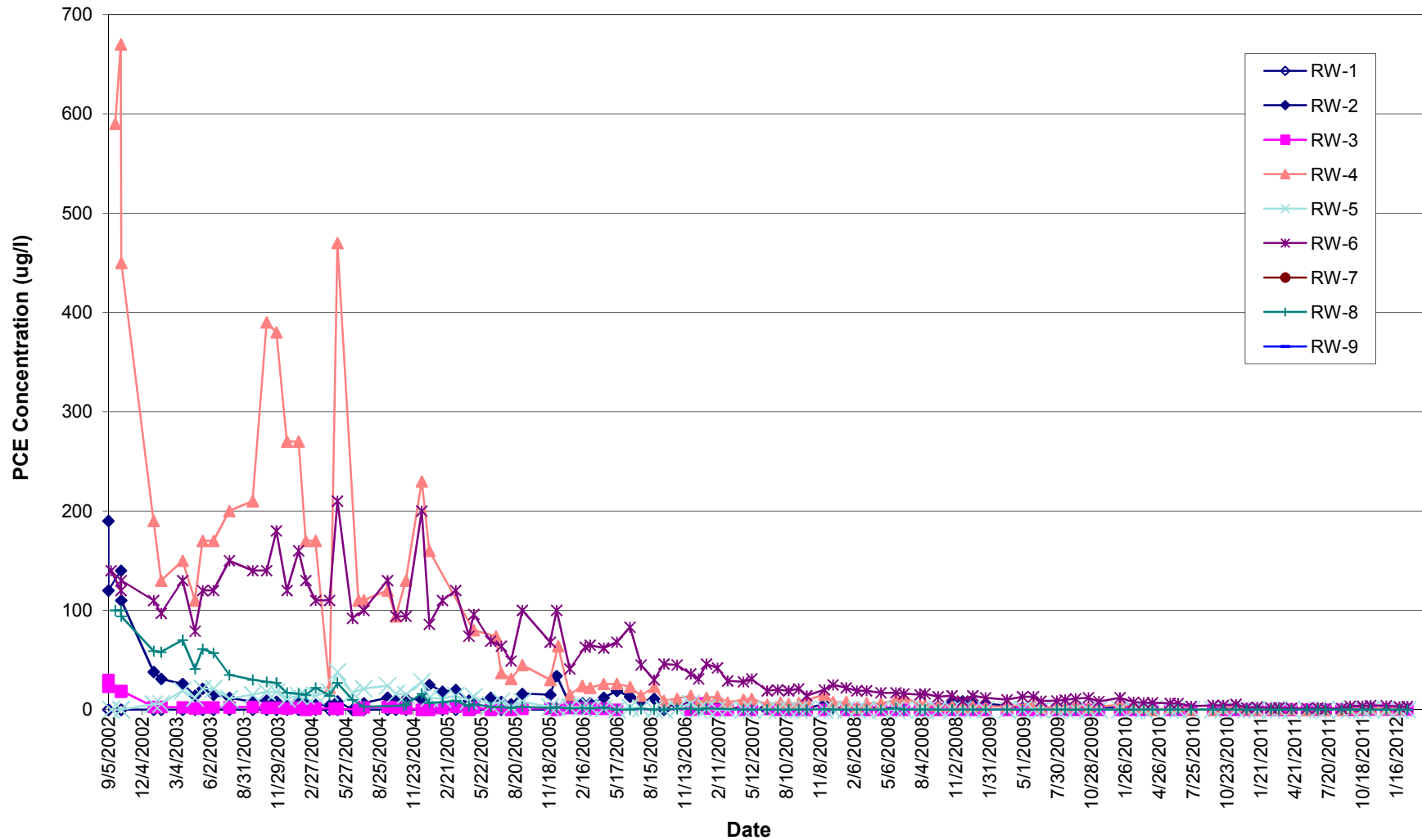
GRAPH 1
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Effluent Flow Data
(February 1, 2012 to February 29, 2012)



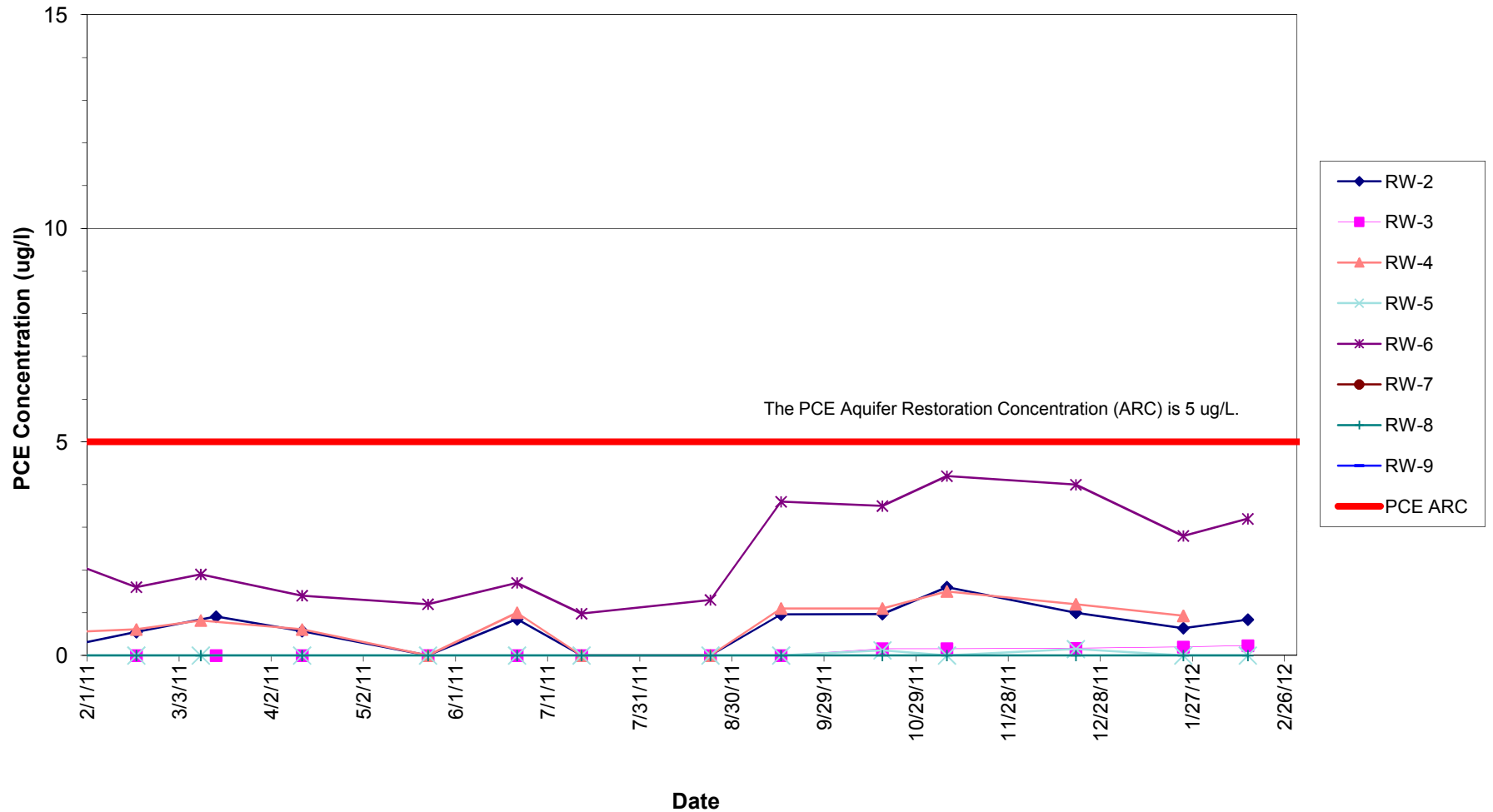
GRAPH 2 **GROUNDWATER REMEDIAL ACTION** **ROWE INDUSTRIES SUPERFUND SITE** **SAG HARBOR, NEW YORK**

FSP&T Recovery Well PCE Concentration in Micrograms per Liter



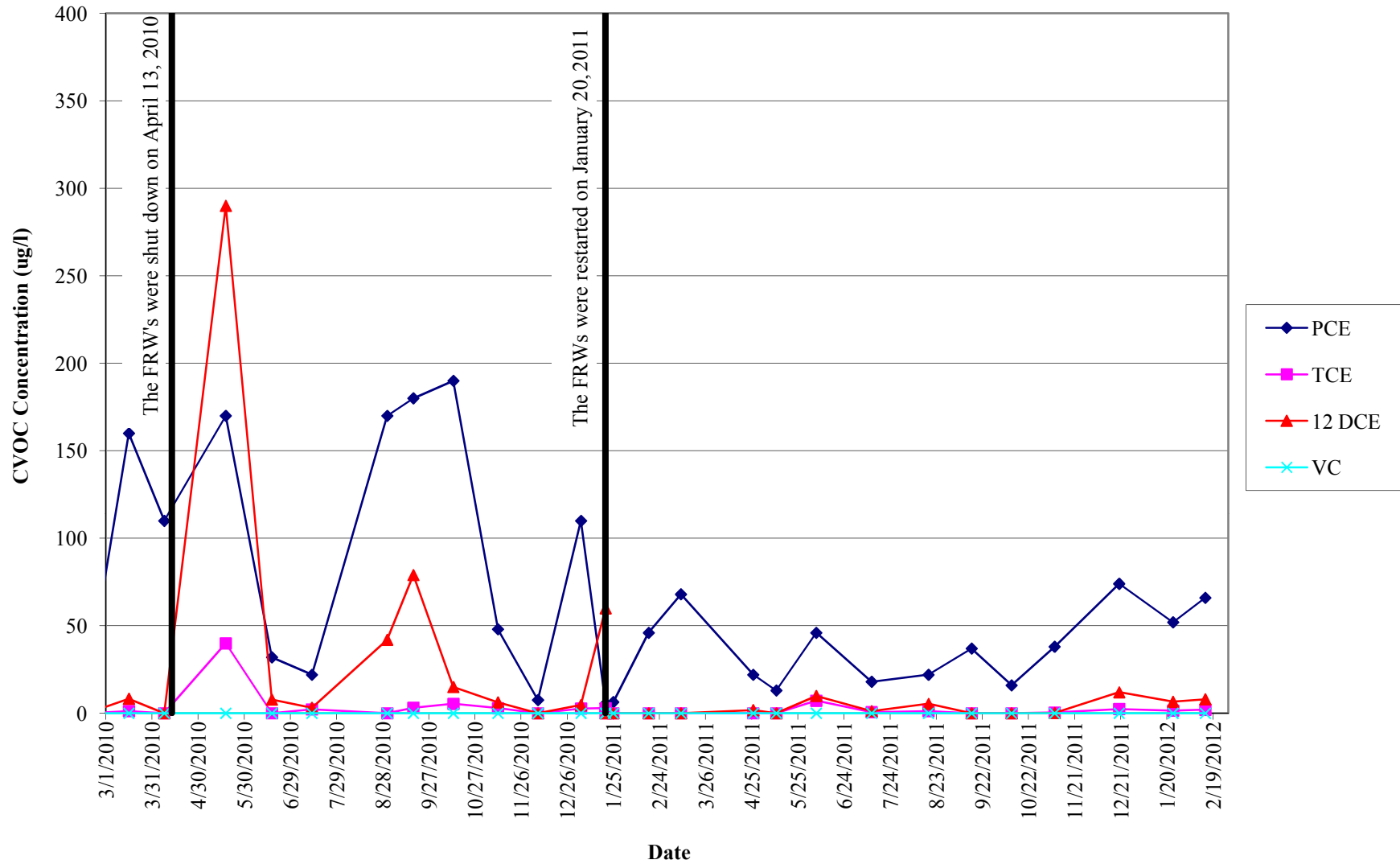
GRAPH 3 **GROUNDWATER REMEDIAL ACTION** **ROWE INDUSTRIES SUPERFUND SITE** **SAG HARBOR, NEW YORK**

FSP&T Recovery Well PCE Concentration



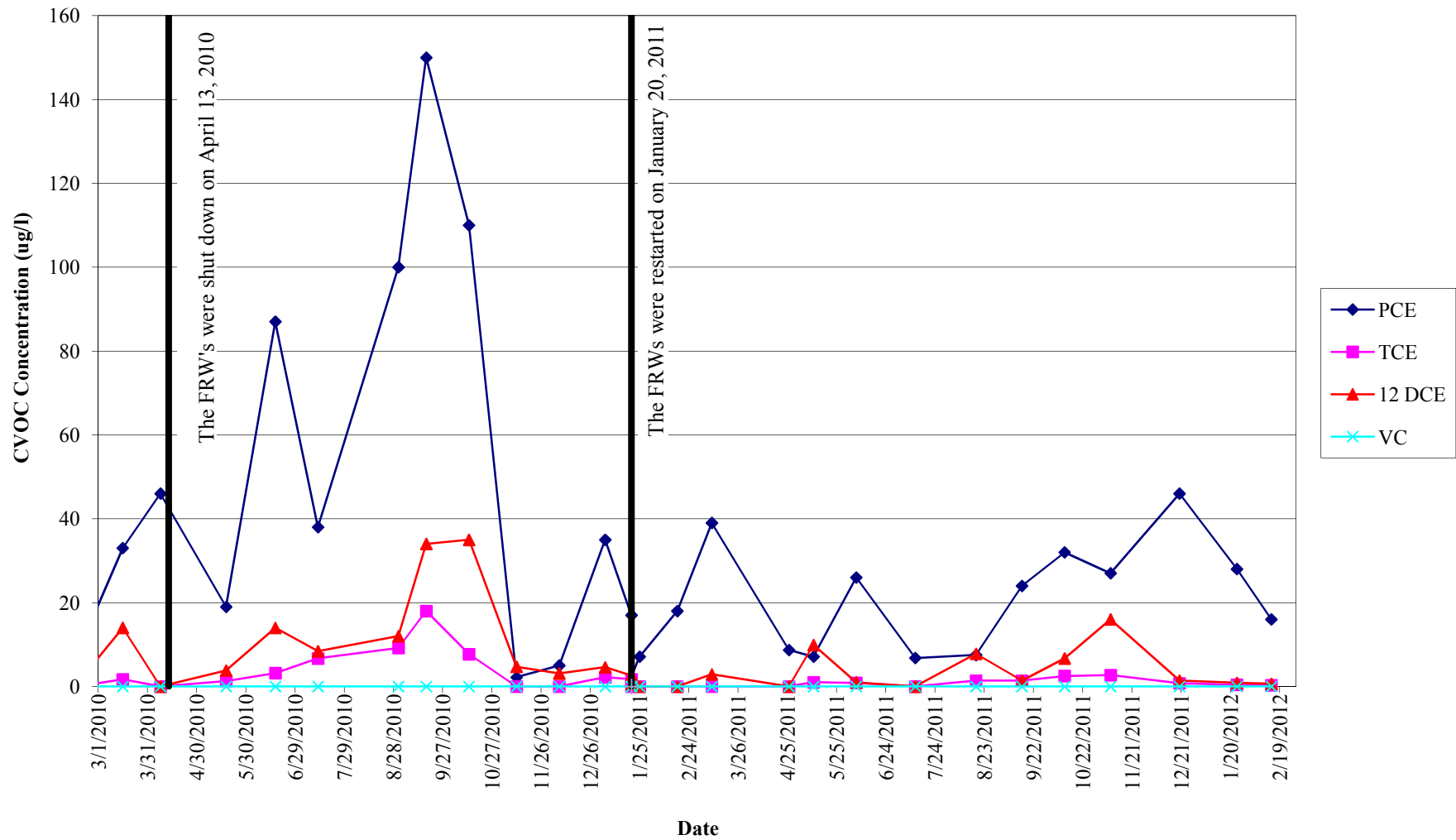
GRAPH 4
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-1



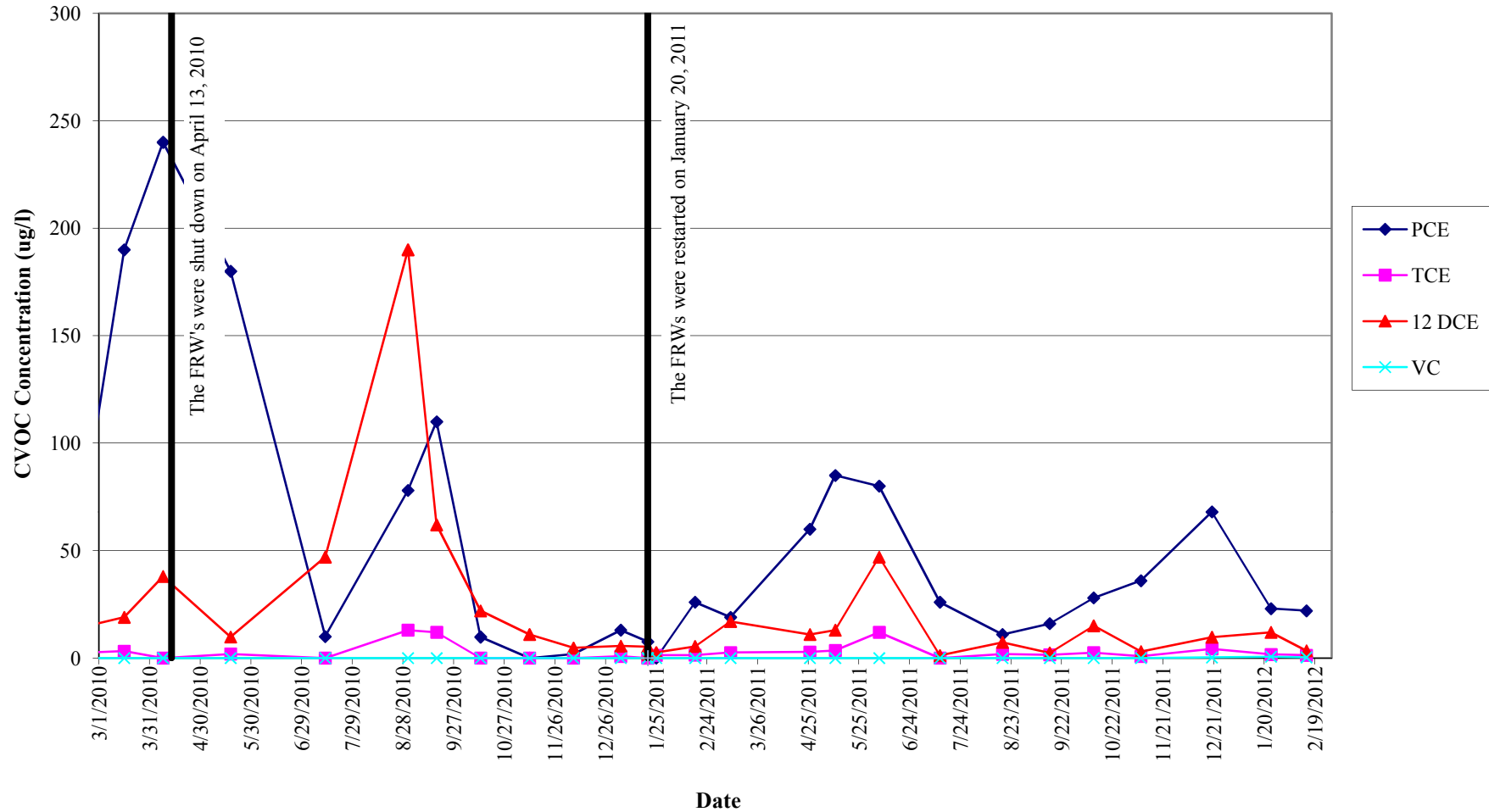
GRAPH 5
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-2



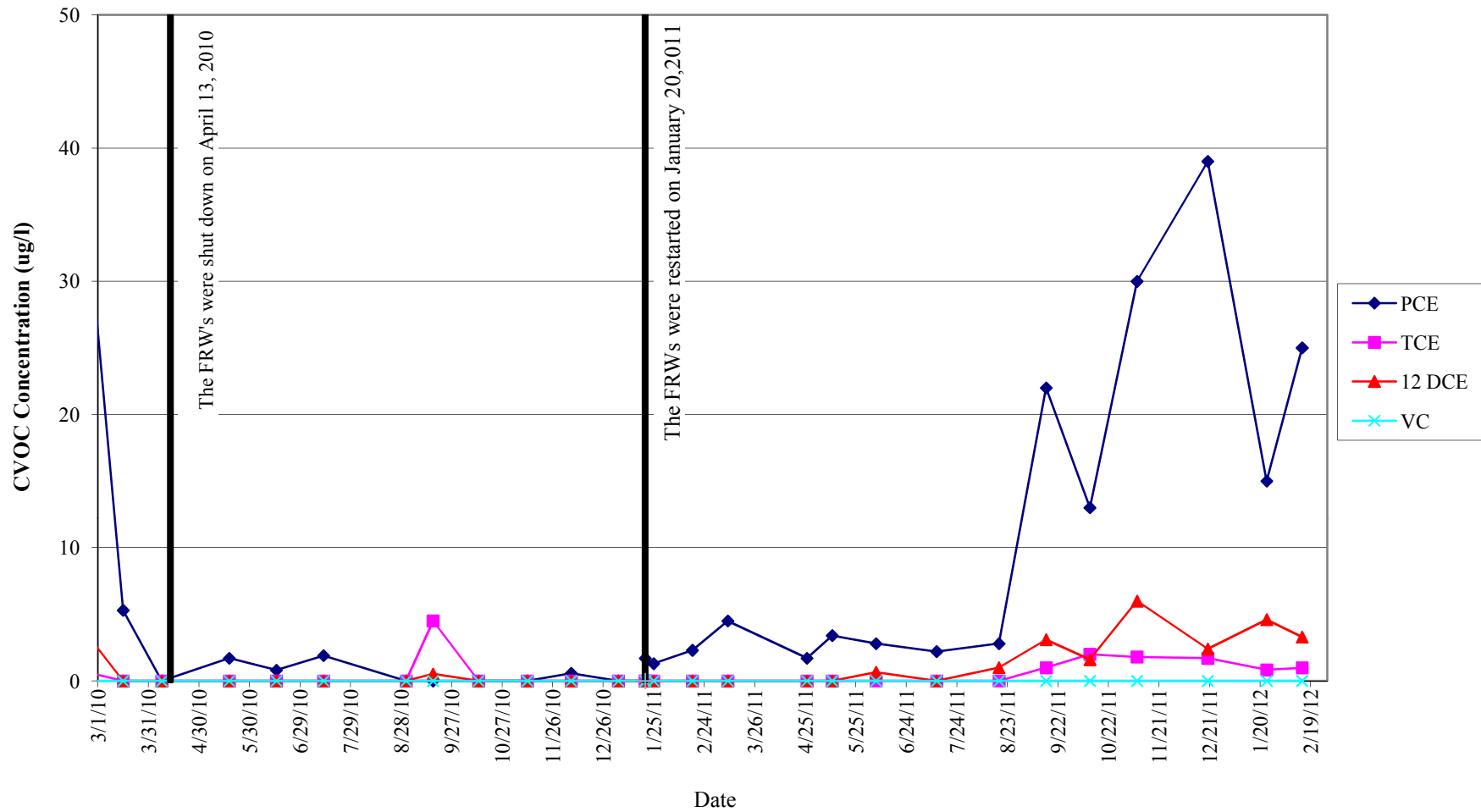
GRAPH 6
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

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
FEBRUARY 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: 02/27/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12B0641

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 02/27/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12B0641

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 February 17, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12B0641-01	WQ21412:1140NP2-10	Water	02/14/2012	02/17/2012
12B0642-01	WQ21412:1130NP2-6	Water	02/14/2012	02/17/2012
12B0642-02	WQ21412:1135NP2-7	Water	02/14/2012	02/17/2012

General Notes for York Project (SDG) No.: 12B0641

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

Approved By:



Date: 02/27/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ21412:1140NP2-10

York Sample ID: 12B0641-01

York Project (SDG) No.

12B0641

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

February 14, 2012 11:40 am

Date Received

02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	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	02/23/2012 13:17	02/23/2012 19:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
67-64-1	Acetone	1.4	B, J	ug/L	1.1	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS

Sample Information

Client Sample ID: WQ21412:1140NP2-10

York Sample ID: 12B0641-01

York Project (SDG) No.
12B0641

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 11:40 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
75-09-2	Methylene chloride	0.35	B, J	ug/L	0.12	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:35	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.7 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	92.4 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	102 %	86.7-112								

Sample Information

Client Sample ID: WQ21412:1140NP2-10

York Sample ID: 12B0641-01

York Project (SDG) No.
12B0641

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 11:40 am

Date Received
02/17/2012

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.0575		mg/L	0.00550	0.0100	1	EPA SW846-6010B	02/22/2012 08:26	02/22/2012 10:22	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	1.61		mg/L	0.00550	0.0100	1	EPA 200.7	02/22/2012 08:26	02/22/2012 10:40	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	125		mg/L	1.00	1.00	1	SM 2540C	02/21/2012 10:50	02/22/2012 15:50	AMC

Sample Information

Client Sample ID: WQ21412:1130NP2-6

York Sample ID: 12B0642-01

York Project (SDG) No.
12B0642

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 11:30 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
71-55-6	1,1,1-Trichloroethane	0.84		ug/L	0.043	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	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	02/23/2012 13:17	02/23/2012 20:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
75-34-3	1,1-Dichloroethane	0.35	J	ug/L	0.056	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS

Sample Information

Client Sample ID: WQ21412:1130NP2-6

York Sample ID: 12B0642-01

York Project (SDG) No.
12B0642

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 11:30 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
67-66-3	Chloroform	0.16	J	ug/L	0.051	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
75-09-2	Methylene chloride	0.38	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS

Sample Information

Client Sample ID: WQ21412:1130NP2-6

York Sample ID: 12B0642-01

York Project (SDG) No.
12B0642

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 11:30 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
127-18-4	Tetrachloroethylene	0.84		ug/L	0.054	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
79-01-6	Trichloroethylene	0.17	J	ug/L	0.067	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:10	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.2 %		75.7-121							
460-00-4	Surrogate: p-Bromofluorobenzene	100 %		71.3-131							
2037-26-5	Surrogate: Toluene-d8	102 %		86.7-112							

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	0.0127		mg/L	0.00550	0.0100	1	EPA SW846-6010B	02/22/2012 08:26	02/22/2012 10:57	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	3.88		mg/L	0.00550	0.0100	1	EPA 200.7	02/22/2012 08:26	02/22/2012 11:14	MW

Sample Information

Client Sample ID: WQ21412:1135NP2-7

York Sample ID: 12B0642-02

York Project (SDG) No.
12B0642

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 11:35 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS

Sample Information

Client Sample ID: WQ21412:1135NP2-7

York Sample ID: 12B0642-02

York Project (SDG) No.
12B0642

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 11:35 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	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	02/23/2012 13:17	02/23/2012 20:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS

Sample Information

Client Sample ID: WQ21412:1135NP2-7

York Sample ID: 12B0642-02

York Project (SDG) No.
12B0642

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 11:35 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
75-09-2	Methylene chloride	0.36	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 20:44	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.3 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	94.3 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	99.7 %	86.7-112								

Sample Information

Client Sample ID: WQ21412:1135NP2-7

York Sample ID: 12B0642-02

York Project (SDG) No.
12B0642

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 11:35 am

Date Received
02/17/2012

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.0596		mg/L	0.00550	0.0100	1	EPA SW846-6010B	02/22/2012 08:26	02/22/2012 11:19	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	1.69		mg/L	0.00550	0.0100	1	EPA 200.7	02/22/2012 08:26	02/22/2012 11:24	MW

Analytical Batch Summary

Batch ID: BB20808

Preparation Method: EPA 3010A

Prepared By: MW

YORK Sample ID	Client Sample ID	Preparation Date
12B0641-01	WQ21412:1140NP2-10	02/22/12
12B0641-01	WQ21412:1140NP2-10	02/22/12
12B0642-01	WQ21412:1130NP2-6	02/22/12
12B0642-01	WQ21412:1130NP2-6	02/22/12
12B0642-02	WQ21412:1135NP2-7	02/22/12
12B0642-02	WQ21412:1135NP2-7	02/22/12
BB20808-BLK1	Blank	02/22/12
BB20808-BLK1	Blank	02/22/12
BB20808-DUP1	Duplicate	02/22/12
BB20808-DUP1	Duplicate	02/22/12
BB20808-MS1	Matrix Spike	02/22/12
BB20808-MS1	Matrix Spike	02/22/12
BB20808-SRM1	Reference	02/22/12
BB20808-SRM1	Reference	02/22/12

Batch ID: BB20819

Preparation Method: % Solids Prep

Prepared By: AMC

YORK Sample ID	Client Sample ID	Preparation Date
12B0641-01	WQ21412:1140NP2-10	02/21/12
BB20819-BLK1	Blank	02/21/12
BB20819-DUP1	Duplicate	02/21/12

Batch ID: BB20897

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12B0641-01	WQ21412:1140NP2-10	02/23/12
12B0642-01	WQ21412:1130NP2-6	02/23/12
12B0642-02	WQ21412:1135NP2-7	02/23/12
BB20897-BLK1	Blank	02/23/12
BB20897-BS1	LCS	02/23/12
BB20897-BSD1	LCS Dup	02/23/12

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 BB20897 - EPA 5030B

Blank (BB20897-BLK1)

Prepared & Analyzed: 02/23/2012

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	1.4	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	0.84	2.0	"
Naphthalene	ND	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	0.14	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 BB20897 - EPA 5030B

Blank (BB20897-BLK1)

Prepared & Analyzed: 02/23/2012

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	0.14	1.5	"

<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.54</i>		<i>"</i>	<i>10.0</i>		<i>95.4</i>	<i>75.7-121</i>
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.63</i>		<i>"</i>	<i>10.0</i>		<i>96.3</i>	<i>71.3-131</i>
<i>Surrogate: Toluene-d8</i>	<i>9.96</i>		<i>"</i>	<i>10.0</i>		<i>99.6</i>	<i>86.7-112</i>

LCS (BB20897-BS1)

Prepared & Analyzed: 02/23/2012

1,1,1,2-Tetrachloroethane	8.76		ug/L	10.0		87.6	82.3-130
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137
1,1,2,2-Tetrachloroethane	8.08		"	10.0		80.8	71.3-131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	71.1-129
1,1,2-Trichloroethane	8.43		"	10.0		84.3	74.5-129
1,1-Dichloroethane	10.0		"	10.0		100	79.6-132
1,1-Dichloroethylene	10.6		"	10.0		106	80.2-146
1,1-Dichloropropylene	12.5		"	10.0		125	75-136
1,2,3-Trichlorobenzene	7.11		"	10.0		71.1	66.1-136
1,2,3-Trichloropropane	7.63		"	10.0		76.3	63-131
1,2,4-Trichlorobenzene	7.86		"	10.0		78.6	70.6-136
1,2,4-Trimethylbenzene	9.09		"	10.0		90.9	75.3-135
1,2-Dibromo-3-chloropropane	5.94		"	10.0		59.4	58.9-140
1,2-Dibromoethane	9.00		"	10.0		90.0	79-130
1,2-Dichlorobenzene	8.04		"	10.0		80.4	76.1-122
1,2-Dichloroethane	8.75		"	10.0		87.5	74.6-132
1,2-Dichloropropane	9.57		"	10.0		95.7	76.9-129
1,3,5-Trimethylbenzene	9.42		"	10.0		94.2	70.6-127
1,3-Dichlorobenzene	8.05		"	10.0		80.5	77-124
1,3-Dichloropropane	8.69		"	10.0		86.9	75.8-126
1,4-Dichlorobenzene	8.42		"	10.0		84.2	76.6-125
2,2-Dichloropropane	11.5		"	10.0		115	69-133
2-Chlorotoluene	9.01		"	10.0		90.1	66.3-119
2-Hexanone	7.04		"	10.0		70.4	70-130
4-Chlorotoluene	9.09		"	10.0		90.9	69.2-127
Acetone	9.08		"	10.0		90.8	70-130
Benzene	9.92		"	10.0		99.2	76.2-129
Bromobenzene	8.31		"	10.0		83.1	71.3-123
Bromochloromethane	9.35		"	10.0		93.5	70.8-137
Bromodichloromethane	9.46		"	10.0		94.6	79.7-134
Bromoform	8.90		"	10.0		89.0	70.5-141
Bromomethane	9.86		"	10.0		98.6	43.9-147
Carbon tetrachloride	11.7		"	10.0		117	78.1-138
Chlorobenzene	9.52		"	10.0		95.2	80.4-125
Chloroethane	10.2		"	10.0		102	55.8-140
Chloroform	9.65		"	10.0		96.5	76.6-133
Chloromethane	8.39		"	10.0		83.9	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 BB20897 - EPA 5030B

LCS (BB20897-BS1)

Prepared & Analyzed: 02/23/2012

cis-1,2-Dichloroethylene	9.70		ug/L	10.0		97.0	75.1-128				
cis-1,3-Dichloropropylene	9.09		"	10.0		90.9	74.5-128				
Dibromochloromethane	8.78		"	10.0		87.8	79.8-134				
Dibromomethane	9.19		"	10.0		91.9	79-130				
Dichlorodifluoromethane	8.75		"	10.0		87.5	47.1-101				
Ethyl Benzene	10.4		"	10.0		104	80.8-128				
Hexachlorobutadiene	8.36		"	10.0		83.6	64.8-128				
Isopropylbenzene	10.0		"	10.0		100	75.5-135				
Methyl tert-butyl ether (MTBE)	9.77		"	10.0		97.7	65.1-140				
Methylene chloride	6.91		"	10.0		69.1	61.3-120				
Naphthalene	5.66		"	10.0		56.6	62.3-148	Low Bias			
n-Butylbenzene	9.41		"	10.0		94.1	67.2-123				
n-Propylbenzene	9.46		"	10.0		94.6	70.5-127				
o-Xylene	9.21		"	10.0		92.1	75.9-122				
p- & m- Xylenes	19.9		"	20.0		99.4	77.7-127				
p-Isopropyltoluene	9.48		"	10.0		94.8	75.6-129				
sec-Butylbenzene	9.65		"	10.0		96.5	71.5-125				
Styrene	9.36		"	10.0		93.6	77.8-123				
tert-Butylbenzene	10.3		"	10.0		103	75.9-151				
Tetrachloroethylene	10.9		"	10.0		109	63.6-167				
Toluene	9.97		"	10.0		99.7	77-123				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	76.3-139				
trans-1,3-Dichloropropylene	8.83		"	10.0		88.3	72.5-137				
Trichloroethylene	10.3		"	10.0		103	77.9-130				
Trichlorofluoromethane	11.1		"	10.0		111	57.4-133				
Vinyl Chloride	9.64		"	10.0		96.4	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	9.25		"	10.0		92.5	75.7-121				
Surrogate: p-Bromofluorobenzene	9.80		"	10.0		98.0	71.3-131				
Surrogate: Toluene-d8	10.1		"	10.0		101	86.7-112				

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 BB20897 - EPA 5030B											
LCS Dup (BB20897-BSD1)						Prepared & Analyzed: 02/23/2012					
1,1,1,2-Tetrachloroethane	8.85		ug/L	10.0		88.5	82.3-130		1.02	21.1	
1,1,1-Trichloroethane	10.2		"	10.0		102	75.6-137		2.04	19.7	
1,1,2,2-Tetrachloroethane	8.45		"	10.0		84.5	71.3-131		4.48	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	71.1-129		5.56	21.7	
1,1,2-Trichloroethane	8.46		"	10.0		84.6	74.5-129		0.355	20.3	
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132		1.09	20.6	
1,1-Dichloroethylene	10.3		"	10.0		103	80.2-146		2.20	20	
1,1-Dichloropropylene	12.8		"	10.0		128	75-136		2.22	19.3	
1,2,3-Trichlorobenzene	7.76		"	10.0		77.6	66.1-136		8.74	21.6	
1,2,3-Trichloropropane	8.26		"	10.0		82.6	63-131		7.93	23.9	
1,2,4-Trichlorobenzene	8.66		"	10.0		86.6	70.6-136		9.69	21.7	
1,2,4-Trimethylbenzene	9.53		"	10.0		95.3	75.3-135		4.73	18.8	
1,2-Dibromo-3-chloropropane	7.05		"	10.0		70.5	58.9-140		17.1	27.7	
1,2-Dibromoethane	9.31		"	10.0		93.1	79-130		3.39	23	
1,2-Dichlorobenzene	8.60		"	10.0		86.0	76.1-122		6.73	19.8	
1,2-Dichloroethane	8.89		"	10.0		88.9	74.6-132		1.59	20.2	
1,2-Dichloropropane	9.30		"	10.0		93.0	76.9-129		2.86	20.7	
1,3,5-Trimethylbenzene	9.51		"	10.0		95.1	70.6-127		0.951	18.9	
1,3-Dichlorobenzene	8.93		"	10.0		89.3	77-124		10.4	19.2	
1,3-Dichloropropane	8.38		"	10.0		83.8	75.8-126		3.63	22.1	
1,4-Dichlorobenzene	8.75		"	10.0		87.5	76.6-125		3.84	18.6	
2,2-Dichloropropane	11.7		"	10.0		117	69-133		1.38	19.8	
2-Chlorotoluene	8.41		"	10.0		84.1	66.3-119		6.89	21.6	
2-Hexanone	7.18		"	10.0		71.8	70-130		1.97	30	
4-Chlorotoluene	9.58		"	10.0		95.8	69.2-127		5.25	19	
Acetone	9.01		"	10.0		90.1	70-130		0.774	30	
Benzene	10.2		"	10.0		102	76.2-129		3.17	19	
Bromobenzene	8.81		"	10.0		88.1	71.3-123		5.84	20.3	
Bromochloromethane	9.27		"	10.0		92.7	70.8-137		0.859	23.9	
Bromodichloromethane	9.24		"	10.0		92.4	79.7-134		2.35	21	
Bromoform	9.25		"	10.0		92.5	70.5-141		3.86	21.8	
Bromomethane	9.31		"	10.0		93.1	43.9-147		5.74	28.4	
Carbon tetrachloride	11.8		"	10.0		118	78.1-138		1.44	20.1	
Chlorobenzene	8.98		"	10.0		89.8	80.4-125		5.84	19.9	
Chloroethane	9.93		"	10.0		99.3	55.8-140		2.29	23.3	
Chloroform	9.53		"	10.0		95.3	76.6-133		1.25	20.3	
Chloromethane	7.91		"	10.0		79.1	48.8-115		5.89	24.5	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	75.1-128		3.54	20.5	
cis-1,3-Dichloropropylene	8.87		"	10.0		88.7	74.5-128		2.45	19.9	
Dibromochloromethane	8.94		"	10.0		89.4	79.8-134		1.81	21.3	
Dibromomethane	9.10		"	10.0		91.0	79-130		0.984	22.4	
Dichlorodifluoromethane	8.18		"	10.0		81.8	47.1-101		6.73	23.9	
Ethyl Benzene	9.97		"	10.0		99.7	80.8-128		4.32	19.2	
Hexachlorobutadiene	7.80		"	10.0		78.0	64.8-128		6.93	20.6	
Isopropylbenzene	10.2		"	10.0		102	75.5-135		1.68	20	
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	65.1-140		15.6	23.6	
Methylene chloride	6.96		"	10.0		69.6	61.3-120		0.721	20.4	
Naphthalene	8.06		"	10.0		80.6	62.3-148		35.0	27.1	Non-dir.
n-Butylbenzene	9.62		"	10.0		96.2	67.2-123		2.21	19.1	
n-Propylbenzene	9.76		"	10.0		97.6	70.5-127		3.12	23.4	
o-Xylene	8.87		"	10.0		88.7	75.9-122		3.76	19.3	
p- & m- Xylenes	19.0		"	20.0		95.2	77.7-127		4.21	18.6	
p-Isopropyltoluene	9.57		"	10.0		95.7	75.6-129		0.945	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 BB20897 - EPA 5030B

LCS Dup (BB20897-BSD1)

Prepared & Analyzed: 02/23/2012

sec-Butylbenzene	9.72		ug/L	10.0		97.2	71.5-125		0.723	18.9	
Styrene	9.09		"	10.0		90.9	77.8-123		2.93	20.9	
tert-Butylbenzene	10.2		"	10.0		102	75.9-151		0.0975	20.9	
Tetrachloroethylene	10.5		"	10.0		105	63.6-167		4.03	27.7	
Toluene	9.52		"	10.0		95.2	77-123		4.62	18.7	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	76.3-139		1.78	19.5	
trans-1,3-Dichloropropylene	8.84		"	10.0		88.4	72.5-137		0.113	19.3	
Trichloroethylene	9.90		"	10.0		99.0	77.9-130		3.67	20.5	
Trichlorofluoromethane	10.4		"	10.0		104	57.4-133		6.44	21.4	
Vinyl Chloride	9.07		"	10.0		90.7	54.9-124		6.09	22.3	
Surrogate: 1,2-Dichloroethane-d4	9.48		"	10.0		94.8	75.7-121				
Surrogate: p-Bromofluorobenzene	9.92		"	10.0		99.2	71.3-131				
Surrogate: Toluene-d8	9.85		"	10.0		98.5	86.7-112				

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 BB20808 - EPA 3010A											
Blank (BB20808-BLK1)								Prepared & Analyzed: 02/22/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BB20808-DUP1)								*Source sample: 12B0641-01 (WQ21412:1140NP2-10) Prepared & Analyzed: 02/22/2012			
Iron	0.0682	0.0100	mg/L		0.0575				17.1	20	
Matrix Spike (BB20808-MS1)								*Source sample: 12B0641-01 (WQ21412:1140NP2-10) Prepared & Analyzed: 02/22/2012			
Iron	1.17	0.0100	mg/L	1.00	0.0575	111	75-125				
Reference (BB20808-SRM1)								Prepared & Analyzed: 02/22/2012			
Iron	0.625	0.0100	mg/L	0.589		106	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 BB20808 - EPA 3010A											
Blank (BB20808-BLK1)											
								Prepared & Analyzed: 02/22/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BB20808-DUP1)											
*Source sample: 12B0641-01 (WQ21412:1140NP2-10)								Prepared & Analyzed: 02/22/2012			
Iron	1.59	0.0100	mg/L		1.61				1.51	20	
Matrix Spike (BB20808-MS1)											
*Source sample: 12B0641-01 (WQ21412:1140NP2-10)								Prepared & Analyzed: 02/22/2012			
Iron	2.69	0.0100	mg/L	1.00	1.61	107	75-125				
Reference (BB20808-SRM1)											
								Prepared & Analyzed: 02/22/2012			
Iron	0.625	0.0100	mg/L	0.589		106	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 BB20819 - % Solids Prep**Blank (BB20819-BLK1)**

Prepared: 02/21/2012 Analyzed: 02/22/2012

Total Dissolved Solids ND 1.00 mg/L

Duplicate (BB20819-DUP1)

*Source sample: 12B0641-01 (WQ21412:1140NP2-10)

Prepared: 02/21/2012 Analyzed: 02/22/2012

Total Dissolved Solids 119 1.00 mg/L 125 4.92 15

Notes and Definitions

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

Corrective Action:

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

Page 1 of 1

York Project No. 12 B0642

[illegible]

Technical Report

prepared for:

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

Report Date: 02/10/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12B0165

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 02/10/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12B0165

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 February 03, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12B0165-01	WQ2212:1130NP2-6	Water	02/02/2012	02/03/2012
12B0165-02	WQ2212:1135NP2-7	Water	02/02/2012	02/03/2012
12B0166-01	WQ2212:1140NP2-10	Water	02/02/2012	02/03/2012

General Notes for York Project (SDG) No.: 12B0165

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

Approved By:



Date: 02/10/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ2212:1130NP2-6

York Sample ID: 12B0165-01

York Project (SDG) No.

12B0165

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

February 2, 2012 11:30 am

Date Received

02/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
71-55-6	1,1,1-Trichloroethane	0.35	J	ug/L	0.043	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	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	02/02/2012 16:49	02/06/2012 18:20	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
75-34-3	1,1-Dichloroethane	0.14	J	ug/L	0.056	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS

Sample Information

Client Sample ID: WQ2212:1130NP2-6

York Sample ID: 12B0165-01

York Project (SDG) No.
12B0165

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 2, 2012 11:30 am

Date Received
02/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
67-66-3	Chloroform	0.17	J	ug/L	0.051	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
75-09-2	Methylene chloride	0.60	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
127-18-4	Tetrachloroethylene	1.5		ug/L	0.054	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
79-01-6	Trichloroethylene	0.21	J	ug/L	0.067	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 18:20	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	105 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	99.8 %	86.7-112								

Sample Information

Client Sample ID: WQ2212:1130NP2-6

York Sample ID: 12B0165-01

York Project (SDG) No.
12B0165

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 2, 2012 11:30 am

Date Received
02/03/2012

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.00550	0.0100	1	EPA SW846-6010B	02/07/2012 14:56	02/07/2012 17:29	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	4.72		mg/L	0.00550	0.0100	1	EPA 200.7	02/07/2012 14:56	02/07/2012 17:34	MW

Sample Information

Client Sample ID: WQ2212:1135NP2-7

York Sample ID: 12B0165-02

York Project (SDG) No.
12B0165

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 2, 2012 11:35 am

Date Received
02/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	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	02/02/2012 16:49	02/06/2012 19:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS

Sample Information

Client Sample ID: WQ2212:1135NP2-7

York Sample ID: 12B0165-02

York Project (SDG) No.
12B0165

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 2, 2012 11:35 am

Date Received
02/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
75-09-2	Methylene chloride	0.41	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS

Sample Information

Client Sample ID: WQ2212:1135NP2-7

York Sample ID: 12B0165-02

York Project (SDG) No.
12B0165

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 2, 2012 11:35 am

Date Received
02/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/02/2012 16:49	02/06/2012 19:03	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			75.7-121						
460-00-4	Surrogate: p-Bromofluorobenzene	98.4 %			71.3-131						
2037-26-5	Surrogate: Toluene-d8	101 %			86.7-112						

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	0.0275		mg/L	0.00550	0.0100	1	EPA SW846-6010B	02/07/2012 14:56	02/07/2012 17:39	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	4.07		mg/L	0.00550	0.0100	1	EPA 200.7	02/07/2012 14:56	02/07/2012 17:44	MW

Sample Information

Client Sample ID: WQ2212:1140NP2-10

York Sample ID: 12B0166-01

York Project (SDG) No.
12B0166

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 2, 2012 11:40 am

Date Received
02/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	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	02/07/2012 13:05	02/07/2012 16:22	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS

Sample Information

Client Sample ID: WQ2212:1140NP2-10

York Sample ID: 12B0166-01

York Project (SDG) No.
12B0166

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 2, 2012 11:40 am

Date Received
02/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS

Sample Information

Client Sample ID: WQ2212:1140NP2-10

York Sample ID: 12B0166-01

York Project (SDG) No.
12B0166

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 2, 2012 11:40 am

Date Received
02/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
75-09-2	Methylene chloride	0.53	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
91-20-3	Naphthalene	0.11	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/07/2012 13:05	02/07/2012 16:22	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	94.8 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	97.3 %	86.7-112								

Sample Information

Client Sample ID: WQ2212:1140NP2-10

York Sample ID: 12B0166-01

York Project (SDG) No.
12B0166

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 2, 2012 11:40 am

Date Received
02/03/2012

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.0218		mg/L	0.00550	0.0100	1	EPA SW846-6010B	02/07/2012 14:56	02/07/2012 17:48	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	4.25		mg/L	0.00550	0.0100	1	EPA 200.7	02/07/2012 14:56	02/07/2012 18:18	MW

Total Dissolved Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	88.0		mg/L	1.00	1.00	1	SM 2540C	02/08/2012 12:26	02/08/2012 12:26	AMC

Analytical Batch Summary

Batch ID: BB20200 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12B0165-01	WQ2212:1130NP2-6	02/02/12
12B0165-02	WQ2212:1135NP2-7	02/02/12
BB20200-BLK1	Blank	02/06/12
BB20200-BS1	LCS	02/06/12
BB20200-BSD1	LCS Dup	02/06/12

Batch ID: BB20246 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12B0166-01	WQ2212:1140NP2-10	02/08/12
BB20246-BLK1	Blank	02/08/12
BB20246-DUP1	Duplicate	02/08/12

Batch ID: BB20257 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12B0166-01	WQ2212:1140NP2-10	02/07/12
BB20257-BLK1	Blank	02/07/12
BB20257-BS1	LCS	02/07/12
BB20257-BSD1	LCS Dup	02/07/12

Batch ID: BB20272 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12B0165-01	WQ2212:1130NP2-6	02/07/12
12B0165-01	WQ2212:1130NP2-6	02/07/12
12B0165-02	WQ2212:1135NP2-7	02/07/12
12B0165-02	WQ2212:1135NP2-7	02/07/12
12B0166-01	WQ2212:1140NP2-10	02/07/12
12B0166-01	WQ2212:1140NP2-10	02/07/12
BB20272-BLK1	Blank	02/07/12
BB20272-BLK1	Blank	02/07/12
BB20272-DUP1	Duplicate	02/07/12
BB20272-DUP1	Duplicate	02/07/12
BB20272-MS1	Matrix Spike	02/07/12
BB20272-MS1	Matrix Spike	02/07/12
BB20272-SRM1	Reference	02/07/12
BB20272-SRM1	Reference	02/07/12

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 BB20200 - EPA 5030B

Blank (BB20200-BLK1)

Prepared & Analyzed: 02/06/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	2.9	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	1.0	2.0	"
Naphthalene	0.97	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 BB20200 - EPA 5030B

Blank (BB20200-BLK1)

Prepared & Analyzed: 02/06/2012

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>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>75.7-121</i>
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.66</i>		<i>"</i>	<i>10.0</i>		<i>96.6</i>	<i>71.3-131</i>
<i>Surrogate: Toluene-d8</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>86.7-112</i>

LCS (BB20200-BS1)

Prepared & Analyzed: 02/06/2012

1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0		112	82.3-130
1,1,1-Trichloroethane	11.2		"	10.0		112	75.6-137
1,1,2,2-Tetrachloroethane	8.85		"	10.0		88.5	71.3-131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0		113	71.1-129
1,1,2-Trichloroethane	9.64		"	10.0		96.4	74.5-129
1,1-Dichloroethane	10.6		"	10.0		106	79.6-132
1,1-Dichloroethylene	11.3		"	10.0		113	80.2-146
1,1-Dichloropropylene	13.0		"	10.0		130	75-136
1,2,3-Trichlorobenzene	10.0		"	10.0		100	66.1-136
1,2,3-Trichloropropane	9.35		"	10.0		93.5	63-131
1,2,4-Trichlorobenzene	9.84		"	10.0		98.4	70.6-136
1,2,4-Trimethylbenzene	9.98		"	10.0		99.8	75.3-135
1,2-Dibromo-3-chloropropane	10.9		"	10.0		109	58.9-140
1,2-Dibromoethane	10.9		"	10.0		109	79-130
1,2-Dichlorobenzene	9.73		"	10.0		97.3	76.1-122
1,2-Dichloroethane	11.4		"	10.0		114	74.6-132
1,2-Dichloropropane	10.2		"	10.0		102	76.9-129
1,3,5-Trimethylbenzene	9.49		"	10.0		94.9	70.6-127
1,3-Dichlorobenzene	10.0		"	10.0		100	77-124
1,3-Dichloropropane	10.5		"	10.0		105	75.8-126
1,4-Dichlorobenzene	9.85		"	10.0		98.5	76.6-125
2,2-Dichloropropane	12.1		"	10.0		121	69-133
2-Chlorotoluene	9.61		"	10.0		96.1	66.3-119
2-Hexanone	8.07		"	10.0		80.7	70-130
4-Chlorotoluene	9.64		"	10.0		96.4	69.2-127
Acetone	10.1		"	10.0		101	70-130
Benzene	10.7		"	10.0		107	76.2-129
Bromobenzene	9.55		"	10.0		95.5	71.3-123
Bromochloromethane	10.7		"	10.0		107	70.8-137
Bromodichloromethane	11.3		"	10.0		113	79.7-134
Bromoform	11.5		"	10.0		115	70.5-141
Bromomethane	8.67		"	10.0		86.7	43.9-147
Carbon tetrachloride	13.0		"	10.0		130	78.1-138
Chlorobenzene	10.8		"	10.0		108	80.4-125
Chloroethane	8.26		"	10.0		82.6	55.8-140
Chloroform	10.9		"	10.0		109	76.6-133
Chloromethane	7.11		"	10.0		71.1	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 BB20200 - EPA 5030B

LCS (BB20200-BS1)

Prepared & Analyzed: 02/06/2012

cis-1,2-Dichloroethylene	10.5		ug/L	10.0		105	75.1-128				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	74.5-128				
Dibromochloromethane	11.1		"	10.0		111	79.8-134				
Dibromomethane	11.0		"	10.0		110	79-130				
Dichlorodifluoromethane	7.32		"	10.0		73.2	47.1-101				
Ethyl Benzene	11.1		"	10.0		111	80.8-128				
Hexachlorobutadiene	10.3		"	10.0		103	64.8-128				
Isopropylbenzene	10.4		"	10.0		104	75.5-135				
Methyl tert-butyl ether (MTBE)	11.5		"	10.0		115	65.1-140				
Methylene chloride	9.60		"	10.0		96.0	61.3-120				
Naphthalene	9.53		"	10.0		95.3	62.3-148				
n-Butylbenzene	9.81		"	10.0		98.1	67.2-123				
n-Propylbenzene	9.88		"	10.0		98.8	70.5-127				
o-Xylene	10.5		"	10.0		105	75.9-122				
p- & m- Xylenes	21.6		"	20.0		108	77.7-127				
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129				
sec-Butylbenzene	9.89		"	10.0		98.9	71.5-125				
Styrene	10.4		"	10.0		104	77.8-123				
tert-Butylbenzene	11.1		"	10.0		111	75.9-151				
Tetrachloroethylene	11.0		"	10.0		110	63.6-167				
Toluene	10.0		"	10.0		100	77-123				
trans-1,2-Dichloroethylene	10.7		"	10.0		107	76.3-139				
trans-1,3-Dichloropropylene	10.5		"	10.0		105	72.5-137				
Trichloroethylene	10.3		"	10.0		103	77.9-130				
Trichlorofluoromethane	10.6		"	10.0		106	57.4-133				
Vinyl Chloride	8.48		"	10.0		84.8	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.0</i>		<i>"</i>	<i>10.0</i>		<i>110</i>	<i>75.7-121</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.92</i>		<i>"</i>	<i>10.0</i>		<i>99.2</i>	<i>71.3-131</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>86.7-112</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 BB20200 - EPA 5030B											
LCS Dup (BB20200-BSD1)						Prepared & Analyzed: 02/06/2012					
1,1,1,2-Tetrachloroethane	11.4		ug/L	10.0		114	82.3-130		1.60	21.1	
1,1,1-Trichloroethane	11.5		"	10.0		115	75.6-137		2.29	19.7	
1,1,2,2-Tetrachloroethane	9.51		"	10.0		95.1	71.3-131		7.19	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9		"	10.0		109	71.1-129		3.88	21.7	
1,1,2-Trichloroethane	10.4		"	10.0		104	74.5-129		7.68	20.3	
1,1-Dichloroethane	10.6		"	10.0		106	79.6-132		0.661	20.6	
1,1-Dichloroethylene	11.0		"	10.0		110	80.2-146		2.60	20	
1,1-Dichloropropylene	12.3		"	10.0		123	75-136		5.84	19.3	
1,2,3-Trichlorobenzene	12.4		"	10.0		124	66.1-136		20.6	21.6	
1,2,3-Trichloropropane	8.43		"	10.0		84.3	63-131		10.3	23.9	
1,2,4-Trichlorobenzene	11.1		"	10.0		111	70.6-136		12.2	21.7	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	75.3-135		6.50	18.8	
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	58.9-140		5.66	27.7	
1,2-Dibromoethane	11.7		"	10.0		117	79-130		7.07	23	
1,2-Dichlorobenzene	10.3		"	10.0		103	76.1-122		5.98	19.8	
1,2-Dichloroethane	11.6		"	10.0		116	74.6-132		1.65	20.2	
1,2-Dichloropropane	9.93		"	10.0		99.3	76.9-129		3.17	20.7	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	70.6-127		5.93	18.9	
1,3-Dichlorobenzene	10.5		"	10.0		105	77-124		4.87	19.2	
1,3-Dichloropropane	10.8		"	10.0		108	75.8-126		2.53	22.1	
1,4-Dichlorobenzene	10.2		"	10.0		102	76.6-125		3.20	18.6	
2,2-Dichloropropane	11.7		"	10.0		117	69-133		3.35	19.8	
2-Chlorotoluene	10.2		"	10.0		102	66.3-119		5.66	21.6	
2-Hexanone	7.69		"	10.0		76.9	70-130		4.82	30	
4-Chlorotoluene	10.0		"	10.0		100	69.2-127		3.97	19	
Acetone	9.88		"	10.0		98.8	70-130		2.60	30	
Benzene	11.1		"	10.0		111	76.2-129		3.30	19	
Bromobenzene	9.98		"	10.0		99.8	71.3-123		4.40	20.3	
Bromochloromethane	11.1		"	10.0		111	70.8-137		3.59	23.9	
Bromodichloromethane	11.3		"	10.0		113	79.7-134		0.0882	21	
Bromoform	11.8		"	10.0		118	70.5-141		3.17	21.8	
Bromomethane	9.11		"	10.0		91.1	43.9-147		4.95	28.4	
Carbon tetrachloride	13.2		"	10.0		132	78.1-138		1.68	20.1	
Chlorobenzene	10.9		"	10.0		109	80.4-125		1.20	19.9	
Chloroethane	9.62		"	10.0		96.2	55.8-140		15.2	23.3	
Chloroform	11.6		"	10.0		116	76.6-133		6.14	20.3	
Chloromethane	7.67		"	10.0		76.7	48.8-115		7.58	24.5	
cis-1,2-Dichloroethylene	11.3		"	10.0		113	75.1-128		7.18	20.5	
cis-1,3-Dichloropropylene	10.2		"	10.0		102	74.5-128		1.48	19.9	
Dibromochloromethane	11.7		"	10.0		117	79.8-134		5.17	21.3	
Dibromomethane	11.5		"	10.0		115	79-130		4.46	22.4	
Dichlorodifluoromethane	7.45		"	10.0		74.5	47.1-101		1.76	23.9	
Ethyl Benzene	11.0		"	10.0		110	80.8-128		0.998	19.2	
Hexachlorobutadiene	10.4		"	10.0		104	64.8-128		0.581	20.6	
Isopropylbenzene	10.7		"	10.0		107	75.5-135		2.74	20	
Methyl tert-butyl ether (MTBE)	12.6		"	10.0		126	65.1-140		9.18	23.6	
Methylene chloride	10.2		"	10.0		102	61.3-120		6.35	20.4	
Naphthalene	10.4		"	10.0		104	62.3-148		9.02	27.1	
n-Butylbenzene	10.1		"	10.0		101	67.2-123		3.01	19.1	
n-Propylbenzene	10.2		"	10.0		102	70.5-127		2.79	23.4	
o-Xylene	10.3		"	10.0		103	75.9-122		1.63	19.3	
p- & m- Xylenes	21.4		"	20.0		107	77.7-127		0.977	18.6	
p-Isopropyltoluene	10.3		"	10.0		103	75.6-129		0.878	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 BB20200 - EPA 5030B

LCS Dup (BB20200-BSD1)

Prepared & Analyzed: 02/06/2012

sec-Butylbenzene	10.2		ug/L	10.0		102	71.5-125		3.09	18.9	
Styrene	10.4		"	10.0		104	77.8-123		0.384	20.9	
tert-Butylbenzene	11.1		"	10.0		111	75.9-151		0.00	20.9	
Tetrachloroethylene	11.0		"	10.0		110	63.6-167		0.0909	27.7	
Toluene	10.3		"	10.0		103	77-123		2.46	18.7	
trans-1,2-Dichloroethylene	11.4		"	10.0		114	76.3-139		5.88	19.5	
trans-1,3-Dichloropropylene	10.8		"	10.0		108	72.5-137		2.73	19.3	
Trichloroethylene	9.91		"	10.0		99.1	77.9-130		3.67	20.5	
Trichlorofluoromethane	10.8		"	10.0		108	57.4-133		1.31	21.4	
Vinyl Chloride	8.38		"	10.0		83.8	54.9-124		1.19	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.6</i>		<i>"</i>	<i>10.0</i>		<i>116</i>	<i>75.7-121</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>71.3-131</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.91</i>		<i>"</i>	<i>10.0</i>		<i>99.1</i>	<i>86.7-112</i>				

Batch BB20257 - EPA 5030B

Blank (BB20257-BLK1)

Prepared & Analyzed: 02/07/2012

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

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 BB20257 - EPA 5030B

Blank (BB20257-BLK1)

Prepared & Analyzed: 02/07/2012

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	1.1	2.0	"								
Naphthalene	0.75	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	10.5		"	10.0		105	75.7-121				
Surrogate: p-Bromofluorobenzene	9.49		"	10.0		94.9	71.3-131				
Surrogate: Toluene-d8	9.24		"	10.0		92.4	86.7-112				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result		Limits			Limit	
Batch BB20257 - EPA 5030B											
LCS (BB20257-BS1)				Prepared & Analyzed: 02/07/2012							
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130				
1,1,1-Trichloroethane	11.0		"	10.0		110	75.6-137				
1,1,2,2-Tetrachloroethane	9.25		"	10.0		92.5	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	71.1-129				
1,1,2-Trichloroethane	10.0		"	10.0		100	74.5-129				
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132				
1,1-Dichloroethylene	11.4		"	10.0		114	80.2-146				
1,1-Dichloropropylene	10.9		"	10.0		109	75-136				
1,2,3-Trichlorobenzene	10.6		"	10.0		106	66.1-136				
1,2,3-Trichloropropane	10.5		"	10.0		105	63-131				
1,2,4-Trichlorobenzene	10.1		"	10.0		101	70.6-136				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	75.3-135				
1,2-Dibromo-3-chloropropane	9.65		"	10.0		96.5	58.9-140				
1,2-Dibromoethane	11.3		"	10.0		113	79-130				
1,2-Dichlorobenzene	9.91		"	10.0		99.1	76.1-122				
1,2-Dichloroethane	11.3		"	10.0		113	74.6-132				
1,2-Dichloropropane	9.92		"	10.0		99.2	76.9-129				
1,3,5-Trimethylbenzene	10.4		"	10.0		104	70.6-127				
1,3-Dichlorobenzene	10.0		"	10.0		100	77-124				
1,3-Dichloropropane	10.4		"	10.0		104	75.8-126				
1,4-Dichlorobenzene	10.1		"	10.0		101	76.6-125				
2,2-Dichloropropane	10.5		"	10.0		105	69-133				
2-Chlorotoluene	9.53		"	10.0		95.3	66.3-119				
2-Hexanone	7.71		"	10.0		77.1	70-130				
4-Chlorotoluene	10.2		"	10.0		102	69.2-127				
Acetone	11.2		"	10.0		112	70-130				
Benzene	9.70		"	10.0		97.0	76.2-129				
Bromobenzene	10.1		"	10.0		101	71.3-123				
Bromochloromethane	8.99		"	10.0		89.9	70.8-137				
Bromodichloromethane	10.4		"	10.0		104	79.7-134				
Bromoform	10.3		"	10.0		103	70.5-141				
Bromomethane	7.29		"	10.0		72.9	43.9-147				
Carbon tetrachloride	11.2		"	10.0		112	78.1-138				
Chlorobenzene	10.3		"	10.0		103	80.4-125				
Chloroethane	8.00		"	10.0		80.0	55.8-140				
Chloroform	10.7		"	10.0		107	76.6-133				
Chloromethane	6.25		"	10.0		62.5	48.8-115				
cis-1,2-Dichloroethylene	9.64		"	10.0		96.4	75.1-128				
cis-1,3-Dichloropropylene	9.39		"	10.0		93.9	74.5-128				
Dibromochloromethane	10.8		"	10.0		108	79.8-134				
Dibromomethane	10.4		"	10.0		104	79-130				
Dichlorodifluoromethane	5.62		"	10.0		56.2	47.1-101				
Ethyl Benzene	10.8		"	10.0		108	80.8-128				
Hexachlorobutadiene	10.2		"	10.0		102	64.8-128				
Isopropylbenzene	11.1		"	10.0		111	75.5-135				
Methyl tert-butyl ether (MTBE)	9.36		"	10.0		93.6	65.1-140				
Methylene chloride	9.75		"	10.0		97.5	61.3-120				
Naphthalene	10.9		"	10.0		109	62.3-148				
n-Butylbenzene	9.98		"	10.0		99.8	67.2-123				
n-Propylbenzene	10.1		"	10.0		101	70.5-127				
o-Xylene	10.0		"	10.0		100	75.9-122				
p- & m- Xylenes	20.9		"	20.0		104	77.7-127				
p-Isopropyltoluene	10.5		"	10.0		105	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
Batch BB20257 - EPA 5030B											
LCS (BB20257-BS1)						Prepared & Analyzed: 02/07/2012					
sec-Butylbenzene	10.2		ug/L	10.0		102	71.5-125				
Styrene	10.0		"	10.0		100	77.8-123				
tert-Butylbenzene	11.1		"	10.0		111	75.9-151				
Tetrachloroethylene	11.6		"	10.0		116	63.6-167				
Toluene	10.0		"	10.0		100	77-123				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	76.3-139				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137				
Trichloroethylene	10.5		"	10.0		105	77.9-130				
Trichlorofluoromethane	10.5		"	10.0		105	57.4-133				
Vinyl Chloride	7.43		"	10.0		74.3	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	10.9		"	10.0		109	75.7-121				
Surrogate: p-Bromofluorobenzene	10.4		"	10.0		104	71.3-131				
Surrogate: Toluene-d8	9.62		"	10.0		96.2	86.7-112				
LCS Dup (BB20257-BSD1)						Prepared & Analyzed: 02/07/2012					
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82.3-130		0.730	21.1	
1,1,1-Trichloroethane	11.5		"	10.0		115	75.6-137		4.71	19.7	
1,1,2,2-Tetrachloroethane	8.87		"	10.0		88.7	71.3-131		4.19	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9		"	10.0		109	71.1-129		5.36	21.7	
1,1,2-Trichloroethane	9.61		"	10.0		96.1	74.5-129		4.18	20.3	
1,1-Dichloroethane	10.9		"	10.0		109	79.6-132		4.69	20.6	
1,1-Dichloroethylene	11.5		"	10.0		115	80.2-146		0.875	20	
1,1-Dichloropropylene	11.6		"	10.0		116	75-136		5.68	19.3	
1,2,3-Trichlorobenzene	10.4		"	10.0		104	66.1-136		1.62	21.6	
1,2,3-Trichloropropane	9.53		"	10.0		95.3	63-131		9.30	23.9	
1,2,4-Trichlorobenzene	10.4		"	10.0		104	70.6-136		3.03	21.7	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	75.3-135		0.568	18.8	
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	58.9-140		3.96	27.7	
1,2-Dibromoethane	11.6		"	10.0		116	79-130		2.36	23	
1,2-Dichlorobenzene	9.94		"	10.0		99.4	76.1-122		0.302	19.8	
1,2-Dichloroethane	11.5		"	10.0		115	74.6-132		1.67	20.2	
1,2-Dichloropropane	10.0		"	10.0		100	76.9-129		1.20	20.7	
1,3,5-Trimethylbenzene	9.68		"	10.0		96.8	70.6-127		7.27	18.9	
1,3-Dichlorobenzene	9.87		"	10.0		98.7	77-124		1.81	19.2	
1,3-Dichloropropane	10.4		"	10.0		104	75.8-126		0.865	22.1	
1,4-Dichlorobenzene	9.76		"	10.0		97.6	76.6-125		3.32	18.6	
2,2-Dichloropropane	11.1		"	10.0		111	69-133		5.29	19.8	
2-Chlorotoluene	9.33		"	10.0		93.3	66.3-119		2.12	21.6	
2-Hexanone	8.60		"	10.0		86.0	70-130		10.9	30	
4-Chlorotoluene	10.3		"	10.0		103	69.2-127		0.778	19	
Acetone	16.0		"	10.0		160	70-130	High Bias	35.2	30	Non-dir.
Benzene	10.4		"	10.0		104	76.2-129		7.25	19	
Bromobenzene	9.41		"	10.0		94.1	71.3-123		7.47	20.3	
Bromochloromethane	9.39		"	10.0		93.9	70.8-137		4.35	23.9	
Bromodichloromethane	11.3		"	10.0		113	79.7-134		7.83	21	
Bromoform	11.0		"	10.0		110	70.5-141		5.82	21.8	
Bromomethane	8.54		"	10.0		85.4	43.9-147		15.8	28.4	
Carbon tetrachloride	12.4		"	10.0		124	78.1-138		10.3	20.1	
Chlorobenzene	10.7		"	10.0		107	80.4-125		3.43	19.9	
Chloroethane	8.68		"	10.0		86.8	55.8-140		8.15	23.3	
Chloroform	11.2		"	10.0		112	76.6-133		4.76	20.3	
Chloromethane	7.04		"	10.0		70.4	48.8-115		11.9	24.5	
cis-1,2-Dichloroethylene	10.7		"	10.0		107	75.1-128		10.3	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
Batch BB20257 - EPA 5030B											
LCS Dup (BB20257-BSD1)						Prepared & Analyzed: 02/07/2012					
cis-1,3-Dichloropropylene	9.82		ug/L	10.0		98.2	74.5-128		4.48	19.9	
Dibromochloromethane	10.4		"	10.0		104	79.8-134		3.58	21.3	
Dibromomethane	10.6		"	10.0		106	79-130		2.00	22.4	
Dichlorodifluoromethane	5.93		"	10.0		59.3	47.1-101		5.37	23.9	
Ethyl Benzene	10.9		"	10.0		109	80.8-128		0.184	19.2	
Hexachlorobutadiene	10.0		"	10.0		100	64.8-128		1.88	20.6	
Isopropylbenzene	10.6		"	10.0		106	75.5-135		4.61	20	
Methyl tert-butyl ether (MTBE)	12.3		"	10.0		123	65.1-140		26.8	23.6	Non-dir.
Methylene chloride	9.35		"	10.0		93.5	61.3-120		4.19	20.4	
Naphthalene	11.4		"	10.0		114	62.3-148		4.49	27.1	
n-Butylbenzene	9.83		"	10.0		98.3	67.2-123		1.51	19.1	
n-Propylbenzene	9.85		"	10.0		98.5	70.5-127		2.61	23.4	
o-Xylene	10.5		"	10.0		105	75.9-122		4.49	19.3	
p- & m- Xylenes	21.5		"	20.0		107	77.7-127		2.88	18.6	
p-Isopropyltoluene	10.4		"	10.0		104	75.6-129		0.670	19.1	
sec-Butylbenzene	9.91		"	10.0		99.1	71.5-125		2.69	18.9	
Styrene	10.2		"	10.0		102	77.8-123		2.37	20.9	
tert-Butylbenzene	11.0		"	10.0		110	75.9-151		0.996	20.9	
Tetrachloroethylene	11.4		"	10.0		114	63.6-167		1.65	27.7	
Toluene	10.0		"	10.0		100	77-123		0.200	18.7	
trans-1,2-Dichloroethylene	11.6		"	10.0		116	76.3-139		5.67	19.5	
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137		1.53	19.3	
Trichloroethylene	10.6		"	10.0		106	77.9-130		1.14	20.5	
Trichlorofluoromethane	10.8		"	10.0		108	57.4-133		2.91	21.4	
Vinyl Chloride	8.16		"	10.0		81.6	54.9-124		9.36	22.3	
Surrogate: 1,2-Dichloroethane-d4	10.3		"	10.0		103	75.7-121				
Surrogate: p-Bromofluorobenzene	10.1		"	10.0		101	71.3-131				
Surrogate: Toluene-d8	9.67		"	10.0		96.7	86.7-112				

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 BB20272 - EPA 3010A											
Blank (BB20272-BLK1)								Prepared & Analyzed: 02/07/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BB20272-DUP1)								Prepared & Analyzed: 02/07/2012			
Iron	0.0228	0.0100	mg/L		0.0218				4.60	20	
Matrix Spike (BB20272-MS1)								Prepared & Analyzed: 02/07/2012			
Iron	1.10	0.0100	mg/L	1.00	0.0218	108	75-125				
Reference (BB20272-SRM1)								Prepared & Analyzed: 02/07/2012			
Iron	0.605	0.0100	mg/L	0.589		103	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 BB20272 - EPA 3010A											
Blank (BB20272-BLK1)								Prepared & Analyzed: 02/07/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BB20272-DUP1)								*Source sample: 12B0166-01 (WQ2212:1140NP2-10) Prepared & Analyzed: 02/07/2012			
Iron	4.22	0.0100	mg/L		4.25				0.543	20	
Matrix Spike (BB20272-MS1)								*Source sample: 12B0166-01 (WQ2212:1140NP2-10) Prepared & Analyzed: 02/07/2012			
Iron	5.28	0.0100	mg/L	1.00	4.25	103	75-125				
Reference (BB20272-SRM1)								Prepared & Analyzed: 02/07/2012			
Iron	0.605	0.0100	mg/L	0.589		103	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 BB20246 - % Solids Prep**Blank (BB20246-BLK1)**

Prepared & Analyzed: 02/08/2012

Total Dissolved Solids ND 1.00 mg/L

Duplicate (BB20246-DUP1)

*Source sample: 12B0166-01 (WQ2212:1140NP2-10)

Prepared & Analyzed: 02/08/2012

Total Dissolved Solids 89.0 1.00 mg/L 88.0 1.13 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.
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.
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.

Corrective Action:

YORK

ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 12 B0165

Page 1 of 1

YOUR INFORMATION Company: <u>L B G</u> Address: <u>4 Research Dr. Suite 301</u> <u>Shelton, CT 06484</u> Phone No. <u>203-929-8555</u> Contact Person: <u>Tunde Sandoz</u> E-Mail Address: <u>TSandoz@LBGT.com</u>		Report To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR PROJECT ID <u>Howe Industries</u> Purchase Order No. <u>NAB5A6</u>		Turn-Around Time ☐ RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day Standard (5-7 Days) ☒		Report Type ☒ Summary Report ☒ Summary w/ QA Summary ☐ CT RCP Package ☐ CT RCP DQADUE Pkg ☐ NY ASP A Package ☐ NY ASP B Package ☐ NIDEP Red. Deliv. <u>Electronic Data Deliverables (EDD)</u> ☒ Simple Excel ☐ NY SDEC EQUS ☐ EQUS (std) ☐ EZ-BDD (EQUS) ☐ NIDEP SRP HazSite EDD ☐ GIS/KEY (std) ☐ Other ☐ York Regulatory Comparison ☐ Excel Spreadsheet Compare to the following Regs. (please fill in):			
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles B260 full B24 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halom. only App. IX list 8021B list		Semi-Vols. B270 or 625 STARS list B24 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halom. only App. IX list 8021B list		Metals RCRA8 PP13 list TAL CT15 list TAGM list NIDEP list Total Dissolved SLP or TCLP TCLP Herb Chloridane 608 Pest SLP or RCP 608 PCB		Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS SLP or TCLP Air VPH Air TIC3 LIST Below Methane Helium		Full Lists Misc. Corrosivity Reactivity Ignitability Flash Point Sine Anal. Heterocycles TOX BTU/b. Aquatic Tox TOC Adhesives Silica		Container Description(s) <u>2x 2p</u> <u>2x 2p</u> <u>2x 3p</u>	
Choose Analyses Needed from the Menu Above and Enter Below <u>Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SWP46-0106) 1 vol.</u> <u>8260 List (EPA SWP45-8260) plus from 13</u> <u>Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SWP46-0106) 1 vol.</u> <u>8260 List (EPA SWP45-8260) plus from 13 1 TO5 (SH 2540.5)</u>													
Sample Identification <u>WQ2212-1130N2-6</u> <u>WQ2212-1135N2-7</u> <u>WQ2212-1140N2-10</u>		Date Sampled <u>2/2/12 1130</u> <u>1135</u> <u>1140</u>		Sample Matrix <u>GW</u> <u>GW</u> <u>GW</u>		Preservation Check those Applicable Special Instructions ☐ Field Filtered ☐ Lab to Filter		Comments		Temperature on Receipt <u>4.6 °C</u>			
Samples Relinquished By <u>2/3/12 1325</u> <u>2/3/12 1325</u>		Date/Time <u>2/3/12 1325</u> <u>2/3/12 1325</u>		Samples Received By <u>2/3/12 1325</u> <u>2/3/12 1325</u>		Date/Time <u>2/3/12 1325</u> <u>2/3/12 1325</u>		Samples Relinquished By <u>2/3/12 1325</u> <u>2/3/12 1325</u>		Date/Time <u>2/3/12 1325</u> <u>2/3/12 1325</u>			

Technical Report

prepared for:

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

Report Date: 02/28/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12B0762

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 02/28/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12B0762

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 February 22, 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>
12B0762-01	WQ22112:1040NP2-6	Water	02/21/2012	02/22/2012
12B0762-02	WQ22112:1045NP2-7	Water	02/21/2012	02/22/2012
12B0763-01	WQ22112:1050NP2-10	Water	02/21/2012	02/22/2012

General Notes for York Project (SDG) No.: 12B0762

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

Approved By:



Date: 02/28/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ22112:1040NP2-6

York Sample ID: 12B0762-01

York Project (SDG) No.

12B0762

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

February 21, 2012 10:40 am

Date Received

02/22/2012

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	02/24/2012 14:17	02/24/2012 19:27	SS
71-55-6	1,1,1-Trichloroethane	0.97		ug/L	0.043	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	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	02/24/2012 14:17	02/24/2012 19:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
75-34-3	1,1-Dichloroethane	0.43	J	ug/L	0.056	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS

Sample Information

Client Sample ID: WQ22112:1040NP2-6

York Sample ID: 12B0762-01

York Project (SDG) No.
12B0762

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 21, 2012 10:40 am

Date Received
02/22/2012

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	02/24/2012 14:17	02/24/2012 19:27	SS
67-66-3	Chloroform	0.14	J	ug/L	0.051	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
156-59-2	cis-1,2-Dichloroethylene	0.18	J	ug/L	0.030	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.11	J	ug/L	0.081	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
75-09-2	Methylene chloride	0.98	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
91-20-3	Naphthalene	0.25	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
127-18-4	Tetrachloroethylene	2.3		ug/L	0.054	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
79-01-6	Trichloroethylene	0.18	J	ug/L	0.067	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 19:27	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.2 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	91.8 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	98.6 %	86.7-112								

Sample Information

Client Sample ID: WQ22112:1040NP2-6

York Sample ID: 12B0762-01

York Project (SDG) No.
12B0762

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 21, 2012 10:40 am

Date Received
02/22/2012

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.00550	0.0100	1	EPA SW846-6010B	02/23/2012 15:49	02/23/2012 20:06	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	2.86		mg/L	0.00550	0.0100	1	EPA 200.7	02/23/2012 15:49	02/23/2012 20:10	MW

Sample Information

Client Sample ID: WQ22112:1045NP2-7

York Sample ID: 12B0762-02

York Project (SDG) No.
12B0762

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 21, 2012 10:45 am

Date Received
02/22/2012

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	02/24/2012 14:17	02/24/2012 20:11	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	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	02/24/2012 14:17	02/24/2012 20:11	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS

Sample Information

Client Sample ID: WQ22112:1045NP2-7

York Sample ID: 12B0762-02

York Project (SDG) No.
12B0762

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 21, 2012 10:45 am

Date Received
02/22/2012

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	02/24/2012 14:17	02/24/2012 20:11	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
75-09-2	Methylene chloride	0.92	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
91-20-3	Naphthalene	0.16	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS

Sample Information

Client Sample ID: WQ22112:1045NP2-7

York Sample ID: 12B0762-02

York Project (SDG) No.
12B0762

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 21, 2012 10:45 am

Date Received
02/22/2012

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	02/24/2012 14:17	02/24/2012 20:11	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/24/2012 14:17	02/24/2012 20:11	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0 *Surrogate: 1,2-Dichloroethane-d4*

97.6 %

75.7-121

460-00-4 *Surrogate: p-Bromofluorobenzene*

95.4 %

71.3-131

2037-26-5 *Surrogate: Toluene-d8*

97.2 %

86.7-112

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	0.0364		mg/L	0.00550	0.0100	1	EPA SW846-6010B	02/23/2012 15:49	02/23/2012 20:15	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	1.82		mg/L	0.00550	0.0100	1	EPA 200.7	02/23/2012 15:49	02/23/2012 20:20	MW

Sample Information

Client Sample ID: WQ22112:1050NP2-10

York Sample ID: 12B0763-01

York Project (SDG) No.
12B0763

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 21, 2012 10:50 am

Date Received
02/22/2012

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	02/22/2012 13:31	02/24/2012 08:33	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	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	02/22/2012 13:31	02/24/2012 08:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS

Sample Information

Client Sample ID: WQ22112:1050NP2-10

York Sample ID: 12B0763-01

York Project (SDG) No.
12B0763

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 21, 2012 10:50 am

Date Received
02/22/2012

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	02/22/2012 13:31	02/24/2012 08:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS

Sample Information

Client Sample ID: WQ22112:1050NP2-10

York Sample ID: 12B0763-01

York Project (SDG) No.
12B0763

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 21, 2012 10:50 am

Date Received
02/22/2012

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	02/22/2012 13:31	02/24/2012 08:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
75-09-2	Methylene chloride	1.2	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/22/2012 13:31	02/24/2012 08:33	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	89.2 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	103 %	86.7-112								

Sample Information

Client Sample ID: WQ22112:1050NP2-10

York Sample ID: 12B0763-01

York Project (SDG) No.
12B0763

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 21, 2012 10:50 am

Date Received
02/22/2012

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	0.0437		mg/L	0.00550	0.0100	1	EPA SW846-6010B	02/23/2012 15:49	02/23/2012 20:25	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	1.88		mg/L	0.00550	0.0100	1	EPA 200.7	02/23/2012 15:49	02/23/2012 20:42	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	117		mg/L	1.00	1.00	1	SM 2540C	02/28/2012 13:43	02/28/2012 13:43	AMC

Analytical Batch Summary

Batch ID: BB20912 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12B0763-01	WQ22112:1050NP2-10	02/22/12
BB20912-BLK1	Blank	02/23/12
BB20912-BS1	LCS	02/23/12
BB20912-BSD1	LCS Dup	02/23/12

Batch ID: BB20918 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12B0762-01	WQ22112:1040NP2-6	02/23/12
12B0762-01	WQ22112:1040NP2-6	02/23/12
12B0762-02	WQ22112:1045NP2-7	02/23/12
12B0762-02	WQ22112:1045NP2-7	02/23/12
12B0763-01	WQ22112:1050NP2-10	02/23/12
12B0763-01	WQ22112:1050NP2-10	02/23/12
BB20918-BLK1	Blank	02/23/12
BB20918-BLK1	Blank	02/23/12
BB20918-DUP1	Duplicate	02/23/12
BB20918-DUP1	Duplicate	02/23/12
BB20918-MS1	Matrix Spike	02/23/12
BB20918-MS1	Matrix Spike	02/23/12
BB20918-SRM1	Reference	02/23/12
BB20918-SRM1	Reference	02/23/12

Batch ID: BB20951 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12B0762-01	WQ22112:1040NP2-6	02/24/12
12B0762-02	WQ22112:1045NP2-7	02/24/12
BB20951-BLK1	Blank	02/24/12
BB20951-BS1	LCS	02/24/12
BB20951-BSD1	LCS Dup	02/24/12

Batch ID: BB20987 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12B0763-01	WQ22112:1050NP2-10	02/28/12
BB20987-BLK1	Blank	02/28/12
BB20987-DUP1	Duplicate	02/28/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB20912 - EPA 5030B

Blank (BB20912-BLK1)

Prepared: 02/23/2012 Analyzed: 02/24/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
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	0.76	2.0	"
Naphthalene	2.5	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 BB20912 - EPA 5030B

Blank (BB20912-BLK1)

Prepared: 02/23/2012 Analyzed: 02/24/2012

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>	10.4	"	10.0	104	75.7-121
<i>Surrogate: p-Bromofluorobenzene</i>	9.88	"	10.0	98.8	71.3-131
<i>Surrogate: Toluene-d8</i>	9.82	"	10.0	98.2	86.7-112

LCS (BB20912-BS1)

Prepared & Analyzed: 02/23/2012

1,1,1,2-Tetrachloroethane	9.42	ug/L	10.0	94.2	82.3-130
1,1,1-Trichloroethane	10.8	"	10.0	108	75.6-137
1,1,2,2-Tetrachloroethane	8.50	"	10.0	85.0	71.3-131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.4	"	10.0	124	71.1-129
1,1,2-Trichloroethane	8.71	"	10.0	87.1	74.5-129
1,1-Dichloroethane	10.8	"	10.0	108	79.6-132
1,1-Dichloroethylene	10.9	"	10.0	109	80.2-146
1,1-Dichloropropylene	11.6	"	10.0	116	75-136
1,2,3-Trichlorobenzene	9.59	"	10.0	95.9	66.1-136
1,2,3-Trichloropropane	8.61	"	10.0	86.1	63-131
1,2,4-Trichlorobenzene	10.3	"	10.0	103	70.6-136
1,2,4-Trimethylbenzene	9.68	"	10.0	96.8	75.3-135
1,2-Dibromo-3-chloropropane	8.00	"	10.0	80.0	58.9-140
1,2-Dibromoethane	9.66	"	10.0	96.6	79-130
1,2-Dichlorobenzene	8.97	"	10.0	89.7	76.1-122
1,2-Dichloroethane	10.2	"	10.0	102	74.6-132
1,2-Dichloropropane	9.49	"	10.0	94.9	76.9-129
1,3,5-Trimethylbenzene	9.72	"	10.0	97.2	70.6-127
1,3-Dichlorobenzene	9.23	"	10.0	92.3	77-124
1,3-Dichloropropane	8.91	"	10.0	89.1	75.8-126
1,4-Dichlorobenzene	8.87	"	10.0	88.7	76.6-125
2,2-Dichloropropane	9.86	"	10.0	98.6	69-133
2-Chlorotoluene	9.09	"	10.0	90.9	66.3-119
2-Hexanone	7.84	"	10.0	78.4	70-130
4-Chlorotoluene	9.47	"	10.0	94.7	69.2-127
Acetone	4.83	"	10.0	48.3	70-130
Benzene	10.9	"	10.0	109	76.2-129
Bromobenzene	8.87	"	10.0	88.7	71.3-123
Bromochloromethane	9.94	"	10.0	99.4	70.8-137
Bromodichloromethane	9.69	"	10.0	96.9	79.7-134
Bromoform	9.00	"	10.0	90.0	70.5-141
Bromomethane	10.2	"	10.0	102	43.9-147
Carbon tetrachloride	11.4	"	10.0	114	78.1-138
Chlorobenzene	9.60	"	10.0	96.0	80.4-125
Chloroethane	10.2	"	10.0	102	55.8-140
Chloroform	10.3	"	10.0	103	76.6-133
Chloromethane	8.49	"	10.0	84.9	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 BB20912 - EPA 5030B

LCS (BB20912-BS1)

Prepared & Analyzed: 02/23/2012

cis-1,2-Dichloroethylene	11.2		ug/L	10.0		112	75.1-128				
cis-1,3-Dichloropropylene	9.06		"	10.0		90.6	74.5-128				
Dibromochloromethane	9.18		"	10.0		91.8	79.8-134				
Dibromomethane	9.39		"	10.0		93.9	79-130				
Dichlorodifluoromethane	8.98		"	10.0		89.8	47.1-101				
Ethyl Benzene	10.4		"	10.0		104	80.8-128				
Hexachlorobutadiene	9.15		"	10.0		91.5	64.8-128				
Isopropylbenzene	10.0		"	10.0		100	75.5-135				
Methyl tert-butyl ether (MTBE)	13.6		"	10.0		136	65.1-140				
Methylene chloride	7.37		"	10.0		73.7	61.3-120				
Naphthalene	10.4		"	10.0		104	62.3-148				
n-Butylbenzene	9.78		"	10.0		97.8	67.2-123				
n-Propylbenzene	9.64		"	10.0		96.4	70.5-127				
o-Xylene	9.46		"	10.0		94.6	75.9-122				
p- & m- Xylenes	20.0		"	20.0		99.8	77.7-127				
p-Isopropyltoluene	9.86		"	10.0		98.6	75.6-129				
sec-Butylbenzene	9.58		"	10.0		95.8	71.5-125				
Styrene	9.82		"	10.0		98.2	77.8-123				
tert-Butylbenzene	10.2		"	10.0		102	75.9-151				
Tetrachloroethylene	11.1		"	10.0		111	63.6-167				
Toluene	9.90		"	10.0		99.0	77-123				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	76.3-139				
trans-1,3-Dichloropropylene	9.03		"	10.0		90.3	72.5-137				
Trichloroethylene	9.83		"	10.0		98.3	77.9-130				
Trichlorofluoromethane	11.4		"	10.0		114	57.4-133				
Vinyl Chloride	9.05		"	10.0		90.5	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>75.7-121</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.88</i>		<i>"</i>	<i>10.0</i>		<i>98.8</i>	<i>71.3-131</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.67</i>		<i>"</i>	<i>10.0</i>		<i>96.7</i>	<i>86.7-112</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 BB20912 - EPA 5030B											
LCS Dup (BB20912-BSD1)						Prepared & Analyzed: 02/23/2012					
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82.3-130		10.6	21.1	
1,1,1-Trichloroethane	11.6		"	10.0		116	75.6-137		7.76	19.7	
1,1,2,2-Tetrachloroethane	9.42		"	10.0		94.2	71.3-131		10.3	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.0		"	10.0		130	71.1-129	High Bias	5.13	21.7	
1,1,2-Trichloroethane	9.33		"	10.0		93.3	74.5-129		6.87	20.3	
1,1-Dichloroethane	11.2		"	10.0		112	79.6-132		3.64	20.6	
1,1-Dichloroethylene	12.0		"	10.0		120	80.2-146		9.42	20	
1,1-Dichloropropylene	12.4		"	10.0		124	75-136		6.76	19.3	
1,2,3-Trichlorobenzene	10.9		"	10.0		109	66.1-136		13.2	21.6	
1,2,3-Trichloropropane	8.84		"	10.0		88.4	63-131		2.64	23.9	
1,2,4-Trichlorobenzene	10.9		"	10.0		109	70.6-136		5.29	21.7	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	75.3-135		7.46	18.8	
1,2-Dibromo-3-chloropropane	9.42		"	10.0		94.2	58.9-140		16.3	27.7	
1,2-Dibromoethane	10.4		"	10.0		104	79-130		7.47	23	
1,2-Dichlorobenzene	9.66		"	10.0		96.6	76.1-122		7.41	19.8	
1,2-Dichloroethane	10.6		"	10.0		106	74.6-132		3.66	20.2	
1,2-Dichloropropane	10.3		"	10.0		103	76.9-129		7.99	20.7	
1,3,5-Trimethylbenzene	9.84		"	10.0		98.4	70.6-127		1.23	18.9	
1,3-Dichlorobenzene	9.52		"	10.0		95.2	77-124		3.09	19.2	
1,3-Dichloropropane	9.44		"	10.0		94.4	75.8-126		5.78	22.1	
1,4-Dichlorobenzene	9.79		"	10.0		97.9	76.6-125		9.86	18.6	
2,2-Dichloropropane	9.98		"	10.0		99.8	69-133		1.21	19.8	
2-Chlorotoluene	9.60		"	10.0		96.0	66.3-119		5.46	21.6	
2-Hexanone	9.30		"	10.0		93.0	70-130		17.0	30	
4-Chlorotoluene	9.65		"	10.0		96.5	69.2-127		1.88	19	
Acetone	5.08		"	10.0		50.8	70-130	Low Bias	5.05	30	
Benzene	11.4		"	10.0		114	76.2-129		4.31	19	
Bromobenzene	9.46		"	10.0		94.6	71.3-123		6.44	20.3	
Bromochloromethane	10.5		"	10.0		105	70.8-137		5.19	23.9	
Bromodichloromethane	10.1		"	10.0		101	79.7-134		4.34	21	
Bromoform	9.30		"	10.0		93.0	70.5-141		3.28	21.8	
Bromomethane	10.8		"	10.0		108	43.9-147		4.95	28.4	
Carbon tetrachloride	12.0		"	10.0		120	78.1-138		4.70	20.1	
Chlorobenzene	10.0		"	10.0		100	80.4-125		4.48	19.9	
Chloroethane	10.7		"	10.0		107	55.8-140		5.16	23.3	
Chloroform	10.8		"	10.0		108	76.6-133		4.08	20.3	
Chloromethane	8.90		"	10.0		89.0	48.8-115		4.72	24.5	
cis-1,2-Dichloroethylene	11.2		"	10.0		112	75.1-128		0.893	20.5	
cis-1,3-Dichloropropylene	9.46		"	10.0		94.6	74.5-128		4.32	19.9	
Dibromochloromethane	9.80		"	10.0		98.0	79.8-134		6.53	21.3	
Dibromomethane	10.2		"	10.0		102	79-130		7.78	22.4	
Dichlorodifluoromethane	9.70		"	10.0		97.0	47.1-101		7.71	23.9	
Ethyl Benzene	11.1		"	10.0		111	80.8-128		6.61	19.2	
Hexachlorobutadiene	10.3		"	10.0		103	64.8-128		11.8	20.6	
Isopropylbenzene	10.7		"	10.0		107	75.5-135		6.48	20	
Methyl tert-butyl ether (MTBE)	14.6		"	10.0		146	65.1-140	High Bias	6.66	23.6	
Methylene chloride	7.67		"	10.0		76.7	61.3-120		3.99	20.4	
Naphthalene	10.7		"	10.0		107	62.3-148		3.32	27.1	
n-Butylbenzene	10.4		"	10.0		104	67.2-123		6.43	19.1	
n-Propylbenzene	10.2		"	10.0		102	70.5-127		5.55	23.4	
o-Xylene	10.0		"	10.0		100	75.9-122		5.75	19.3	
p- & m- Xylenes	21.0		"	20.0		105	77.7-127		5.08	18.6	
p-Isopropyltoluene	10.3		"	10.0		103	75.6-129		3.98	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 BB20912 - EPA 5030B

LCS Dup (BB20912-BSD1)

Prepared & Analyzed: 02/23/2012

sec-Butylbenzene	10.1		ug/L	10.0		101	71.5-125		5.58	18.9	
Styrene	10.0		"	10.0		100	77.8-123		1.92	20.9	
tert-Butylbenzene	10.7		"	10.0		107	75.9-151		4.69	20.9	
Tetrachloroethylene	14.9		"	10.0		149	63.6-167		28.7	27.7	Non-dir.
Toluene	10.4		"	10.0		104	77-123		5.12	18.7	
trans-1,2-Dichloroethylene	11.2		"	10.0		112	76.3-139		5.41	19.5	
trans-1,3-Dichloropropylene	9.68		"	10.0		96.8	72.5-137		6.95	19.3	
Trichloroethylene	10.7		"	10.0		107	77.9-130		8.48	20.5	
Trichlorofluoromethane	12.1		"	10.0		121	57.4-133		6.30	21.4	
Vinyl Chloride	10.2		"	10.0		102	54.9-124		11.9	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.70</i>		<i>"</i>	<i>10.0</i>		<i>97.0</i>	<i>75.7-121</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.84</i>		<i>"</i>	<i>10.0</i>		<i>98.4</i>	<i>71.3-131</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.62</i>		<i>"</i>	<i>10.0</i>		<i>96.2</i>	<i>86.7-112</i>				

Batch BB20951 - EPA 5030B

Blank (BB20951-BLK1)

Prepared & Analyzed: 02/24/2012

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

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 BB20951 - EPA 5030B

Blank (BB20951-BLK1)

Prepared & Analyzed: 02/24/2012

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	0.62	2.0	"								
Naphthalene	0.65	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	9.16		"	10.0		91.6	75.7-121				
Surrogate: p-Bromofluorobenzene	9.14		"	10.0		91.4	71.3-131				
Surrogate: Toluene-d8	9.94		"	10.0		99.4	86.7-112				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result	Limits	Limit				
Batch BB20951 - EPA 5030B											
LCS (BB20951-BS1)				Prepared & Analyzed: 02/24/2012							
1,1,1,2-Tetrachloroethane	9.69		ug/L	10.0		96.9	82.3-130				
1,1,1-Trichloroethane	10.5		"	10.0		105	75.6-137				
1,1,2,2-Tetrachloroethane	8.82		"	10.0		88.2	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.1		"	10.0		121	71.1-129				
1,1,2-Trichloroethane	8.53		"	10.0		85.3	74.5-129				
1,1-Dichloroethane	10.3		"	10.0		103	79.6-132				
1,1-Dichloroethylene	11.0		"	10.0		110	80.2-146				
1,1-Dichloropropylene	12.6		"	10.0		126	75-136				
1,2,3-Trichlorobenzene	7.82		"	10.0		78.2	66.1-136				
1,2,3-Trichloropropane	7.53		"	10.0		75.3	63-131				
1,2,4-Trichlorobenzene	8.26		"	10.0		82.6	70.6-136				
1,2,4-Trimethylbenzene	8.94		"	10.0		89.4	75.3-135				
1,2-Dibromo-3-chloropropane	7.70		"	10.0		77.0	58.9-140				
1,2-Dibromoethane	9.34		"	10.0		93.4	79-130				
1,2-Dichlorobenzene	8.36		"	10.0		83.6	76.1-122				
1,2-Dichloroethane	9.44		"	10.0		94.4	74.6-132				
1,2-Dichloropropane	9.39		"	10.0		93.9	76.9-129				
1,3,5-Trimethylbenzene	9.06		"	10.0		90.6	70.6-127				
1,3-Dichlorobenzene	8.76		"	10.0		87.6	77-124				
1,3-Dichloropropane	9.12		"	10.0		91.2	75.8-126				
1,4-Dichlorobenzene	8.43		"	10.0		84.3	76.6-125				
2,2-Dichloropropane	11.1		"	10.0		111	69-133				
2-Chlorotoluene	8.48		"	10.0		84.8	66.3-119				
2-Hexanone	8.10		"	10.0		81.0	70-130				
4-Chlorotoluene	9.05		"	10.0		90.5	69.2-127				
Acetone	12.2		"	10.0		122	70-130				
Benzene	10.2		"	10.0		102	76.2-129				
Bromobenzene	8.47		"	10.0		84.7	71.3-123				
Bromochloromethane	9.65		"	10.0		96.5	70.8-137				
Bromodichloromethane	9.87		"	10.0		98.7	79.7-134				
Bromoform	8.68		"	10.0		86.8	70.5-141				
Bromomethane	9.24		"	10.0		92.4	43.9-147				
Carbon tetrachloride	11.7		"	10.0		117	78.1-138				
Chlorobenzene	9.44		"	10.0		94.4	80.4-125				
Chloroethane	9.58		"	10.0		95.8	55.8-140				
Chloroform	9.87		"	10.0		98.7	76.6-133				
Chloromethane	7.31		"	10.0		73.1	48.8-115				
cis-1,2-Dichloroethylene	9.97		"	10.0		99.7	75.1-128				
cis-1,3-Dichloropropylene	8.82		"	10.0		88.2	74.5-128				
Dibromochloromethane	8.48		"	10.0		84.8	79.8-134				
Dibromomethane	9.77		"	10.0		97.7	79-130				
Dichlorodifluoromethane	8.07		"	10.0		80.7	47.1-101				
Ethyl Benzene	10.6		"	10.0		106	80.8-128				
Hexachlorobutadiene	7.73		"	10.0		77.3	64.8-128				
Isopropylbenzene	9.75		"	10.0		97.5	75.5-135				
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	65.1-140				
Methylene chloride	9.24		"	10.0		92.4	61.3-120				
Naphthalene	7.51		"	10.0		75.1	62.3-148				
n-Butylbenzene	9.40		"	10.0		94.0	67.2-123				
n-Propylbenzene	9.58		"	10.0		95.8	70.5-127				
o-Xylene	9.53		"	10.0		95.3	75.9-122				
p- & m- Xylenes	19.8		"	20.0		98.9	77.7-127				
p-Isopropyltoluene	9.11		"	10.0		91.1	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
Batch BB20951 - EPA 5030B											
LCS (BB20951-BS1)						Prepared & Analyzed: 02/24/2012					
sec-Butylbenzene	9.29		ug/L	10.0		92.9	71.5-125				
Styrene	9.47		"	10.0		94.7	77.8-123				
tert-Butylbenzene	10.3		"	10.0		103	75.9-151				
Tetrachloroethylene	10.6		"	10.0		106	63.6-167				
Toluene	9.92		"	10.0		99.2	77-123				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	76.3-139				
trans-1,3-Dichloropropylene	9.10		"	10.0		91.0	72.5-137				
Trichloroethylene	9.85		"	10.0		98.5	77.9-130				
Trichlorofluoromethane	11.0		"	10.0		110	57.4-133				
Vinyl Chloride	8.92		"	10.0		89.2	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	9.14		"	10.0		91.4	75.7-121				
Surrogate: p-Bromofluorobenzene	9.49		"	10.0		94.9	71.3-131				
Surrogate: Toluene-d8	10.0		"	10.0		100	86.7-112				
LCS Dup (BB20951-BSD1)						Prepared & Analyzed: 02/24/2012					
1,1,1,2-Tetrachloroethane	9.90		ug/L	10.0		99.0	82.3-130		2.14	21.1	
1,1,1-Trichloroethane	11.2		"	10.0		112	75.6-137		6.27	19.7	
1,1,2,2-Tetrachloroethane	8.75		"	10.0		87.5	71.3-131		0.797	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.7		"	10.0		127	71.1-129		4.28	21.7	
1,1,2-Trichloroethane	9.35		"	10.0		93.5	74.5-129		9.17	20.3	
1,1-Dichloroethane	11.2		"	10.0		112	79.6-132		8.36	20.6	
1,1-Dichloroethylene	11.7		"	10.0		117	80.2-146		5.64	20	
1,1-Dichloropropylene	13.4		"	10.0		134	75-136		5.46	19.3	
1,2,3-Trichlorobenzene	8.71		"	10.0		87.1	66.1-136		10.8	21.6	
1,2,3-Trichloropropane	8.18		"	10.0		81.8	63-131		8.27	23.9	
1,2,4-Trichlorobenzene	9.76		"	10.0		97.6	70.6-136		16.6	21.7	
1,2,4-Trimethylbenzene	9.82		"	10.0		98.2	75.3-135		9.38	18.8	
1,2-Dibromo-3-chloropropane	7.52		"	10.0		75.2	58.9-140		2.37	27.7	
1,2-Dibromoethane	10.5		"	10.0		105	79-130		12.1	23	
1,2-Dichlorobenzene	9.12		"	10.0		91.2	76.1-122		8.70	19.8	
1,2-Dichloroethane	10.3		"	10.0		103	74.6-132		8.71	20.2	
1,2-Dichloropropane	9.58		"	10.0		95.8	76.9-129		2.00	20.7	
1,3,5-Trimethylbenzene	9.64		"	10.0		96.4	70.6-127		6.20	18.9	
1,3-Dichlorobenzene	9.33		"	10.0		93.3	77-124		6.30	19.2	
1,3-Dichloropropane	9.61		"	10.0		96.1	75.8-126		5.23	22.1	
1,4-Dichlorobenzene	9.23		"	10.0		92.3	76.6-125		9.06	18.6	
2,2-Dichloropropane	11.5		"	10.0		115	69-133		3.19	19.8	
2-Chlorotoluene	9.37		"	10.0		93.7	66.3-119		9.97	21.6	
2-Hexanone	8.43		"	10.0		84.3	70-130		3.99	30	
4-Chlorotoluene	9.68		"	10.0		96.8	69.2-127		6.73	19	
Acetone	14.9		"	10.0		149	70-130	High Bias	19.5	30	
Benzene	10.9		"	10.0		109	76.2-129		7.11	19	
Bromobenzene	9.42		"	10.0		94.2	71.3-123		10.6	20.3	
Bromochloromethane	10.7		"	10.0		107	70.8-137		10.1	23.9	
Bromodichloromethane	9.87		"	10.0		98.7	79.7-134		0.00	21	
Bromoform	9.26		"	10.0		92.6	70.5-141		6.47	21.8	
Bromomethane	9.17		"	10.0		91.7	43.9-147		0.760	28.4	
Carbon tetrachloride	12.8		"	10.0		128	78.1-138		9.04	20.1	
Chlorobenzene	9.82		"	10.0		98.2	80.4-125		3.95	19.9	
Chloroethane	10.5		"	10.0		105	55.8-140		8.97	23.3	
Chloroform	10.8		"	10.0		108	76.6-133		9.37	20.3	
Chloromethane	7.77		"	10.0		77.7	48.8-115		6.10	24.5	
cis-1,2-Dichloroethylene	10.9		"	10.0		109	75.1-128		9.28	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
Batch BB20951 - EPA 5030B											
LCS Dup (BB20951-BSD1)						Prepared & Analyzed: 02/24/2012					
cis-1,3-Dichloropropylene	8.95		ug/L	10.0		89.5	74.5-128		1.46	19.9	
Dibromochloromethane	9.26		"	10.0		92.6	79.8-134		8.79	21.3	
Dibromomethane	10.6		"	10.0		106	79-130		7.87	22.4	
Dichlorodifluoromethane	8.36		"	10.0		83.6	47.1-101		3.53	23.9	
Ethyl Benzene	10.7		"	10.0		107	80.8-128		1.50	19.2	
Hexachlorobutadiene	8.41		"	10.0		84.1	64.8-128		8.43	20.6	
Isopropylbenzene	10.4		"	10.0		104	75.5-135		6.84	20	
Methyl tert-butyl ether (MTBE)	11.6		"	10.0		116	65.1-140		13.0	23.6	
Methylene chloride	9.60		"	10.0		96.0	61.3-120		3.82	20.4	
Naphthalene	9.31		"	10.0		93.1	62.3-148		21.4	27.1	
n-Butylbenzene	10.0		"	10.0		100	67.2-123		6.29	19.1	
n-Propylbenzene	10.1		"	10.0		101	70.5-127		5.38	23.4	
o-Xylene	9.88		"	10.0		98.8	75.9-122		3.61	19.3	
p- & m- Xylenes	20.6		"	20.0		103	77.7-127		4.06	18.6	
p-Isopropyltoluene	9.94		"	10.0		99.4	75.6-129		8.71	19.1	
sec-Butylbenzene	9.82		"	10.0		98.2	71.5-125		5.55	18.9	
Styrene	10.0		"	10.0		100	77.8-123		5.44	20.9	
tert-Butylbenzene	10.8		"	10.0		108	75.9-151		4.92	20.9	
Tetrachloroethylene	10.7		"	10.0		107	63.6-167		1.60	27.7	
Toluene	9.98		"	10.0		99.8	77-123		0.603	18.7	
trans-1,2-Dichloroethylene	11.3		"	10.0		113	76.3-139		6.89	19.5	
trans-1,3-Dichloropropylene	9.67		"	10.0		96.7	72.5-137		6.07	19.3	
Trichloroethylene	10.1		"	10.0		101	77.9-130		2.51	20.5	
Trichlorofluoromethane	11.3		"	10.0		113	57.4-133		2.25	21.4	
Vinyl Chloride	9.12		"	10.0		91.2	54.9-124		2.22	22.3	
Surrogate: 1,2-Dichloroethane-d4	9.74		"	10.0		97.4	75.7-121				
Surrogate: p-Bromofluorobenzene	10.1		"	10.0		101	71.3-131				
Surrogate: Toluene-d8	9.84		"	10.0		98.4	86.7-112				

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 BB20918 - EPA 3010A											
Blank (BB20918-BLK1)											
								Prepared & Analyzed: 02/23/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BB20918-DUP1)											
*Source sample: 12B0763-01 (WQ22112:1050NP2-10)								Prepared & Analyzed: 02/23/2012			
Iron	0.0217	0.0100	mg/L		0.0437				67.2	20	Non-dir.
Matrix Spike (BB20918-MS1)											
*Source sample: 12B0763-01 (WQ22112:1050NP2-10)								Prepared & Analyzed: 02/23/2012			
Iron	1.14	0.0100	mg/L	1.00	0.0437	110	75-125				
Reference (BB20918-SRM1)											
								Prepared & Analyzed: 02/23/2012			
Iron	0.586	0.0100	mg/L	0.589		99.4	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 BB20918 - EPA 3010A											
Blank (BB20918-BLK1)								Prepared & Analyzed: 02/23/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BB20918-DUP1)								*Source sample: 12B0763-01 (WQ22112:1050NP2-10) Prepared & Analyzed: 02/23/2012			
Iron	1.82	0.0100	mg/L		1.88				3.39	20	
Matrix Spike (BB20918-MS1)								*Source sample: 12B0763-01 (WQ22112:1050NP2-10) Prepared & Analyzed: 02/23/2012			
Iron	3.03	0.0100	mg/L	1.00	1.88	115	75-125				
Reference (BB20918-SRM1)								Prepared & Analyzed: 02/23/2012			
Iron	0.586	0.0100	mg/L	0.589		99.4	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 BB20987 - % Solids Prep**Blank (BB20987-BLK1)**

Prepared & Analyzed: 02/28/2012

Total Dissolved Solids ND 1.00 mg/L

Duplicate (BB20987-DUP1)

*Source sample: 12B0763-01 (WQ22112:1050NP2-10)

Prepared & Analyzed: 02/28/2012

Total Dissolved Solids 111 1.00 mg/L 117 5.26 15

Notes and Definitions

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

Corrective Action:

YORK

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

Field Chain-of-Custody Record

Page 1 of 1

York Project No. 12 B0763

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>Revco Industries</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
Address: <u>4 Research Dr, Suite 301</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Revco Industries</u>						CT RCP DQA/DUE Pkg	NY ASP A Package	NY ASP B Package <u>NP2 to only</u>
Phone No. <u>203-929-8555</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>						NY ASP B Package <u>NP2 to only</u>	NIJEDP Red. Deliv.	Electronic Data Deliverables (EDD)
Contact Person: <u>Tonde Sander</u>	Attention: <u>Same</u>	Attention: <u>Same</u>	Attention: <u>Same</u>						Standard (5-7 Days) <u>X</u>	Simple Excel <u>X</u>	Simple Excel
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>							NY SDEC EQULS	EQULS (std)
Print Clearly and Legibly - All Information must be complete. Samples will NOT be logged in and the time around time clock will not begin until any questions by York are resolved. Samples Collected/Authorized By (Signature) <u>SEPTEN MNAT</u> Name (printed)				Volatiles		Metals		Misc. Org.		Misc.	
				8260 full TICs 624 Site Spec. STARS list Nassam Co. BTX Suffolk Co. MTBE Ketones TCL list Oxygenates TAGM list TCLP list CT RCP list 524.2 Arom. only 502.2 Halog. only NUDEP list App. IX list SFL Per-TCLP 8021B list		RCRA8 PP 13 list TAL CT 15 list TAGM list NUDEP list Total Dissolved SFL Per-TCLP Herb Chloride BNA 608 PCB SFL Per-TCLP		TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		Concreteness Reactivity Ignitability Flash Point Sieve Anal. Hexamethylenes TOX BTU/Btu Aquatic Tox TOC Ashes	
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor				Choose Analyses Needed from the Menu Above and Enter Below Fe by EPA 200.7 Fe, Dissolved by EPA 6010 (SW 846-6010) / VOCs, P260 list (EPA SW 846-8460) plus from 113 Fe by EPA 200.7 Fe, Dissolved by EPA 6010 (SW 846-6010) / VOCs P260 list (EPA SW 846-8460) plus from 113 / TOX (SH 2540C)							
Sample Identification WQ22112: 1040NP2-6 WQ22112: 1045NP2-7 WQ22112: 1050NP2-10				Date Sampled 2/21/12 1040 1045 1050				Sample Matrix GW GW GW			
Comments Preservation Check those Applicable Special Instructions Field Filled ☐ Lab to Filler ☐				4°C ☐ Frozen ☐ HCl ☐ MeOH ☐ HNO ₃ ☐ NaOH ☐ Other ☐				Temperature on Receipt 3.5°C			

Technical Report

prepared for:

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

Report Date: 02/22/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12B0541

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 02/22/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12B0541

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 February 15, 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>
12B0541-01	WQ21012:940NP2-6	Water	02/10/2012	02/15/2012
12B0541-02	WQ21012:945NP2-7	Water	02/10/2012	02/15/2012
12B0542-01	WQ21012:950NP2-10	Water	02/10/2012	02/15/2012

General Notes for York Project (SDG) No.: 12B0541

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

Approved By:



Date: 02/22/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ21012:940NP2-6

York Sample ID: 12B0541-01

York Project (SDG) No.

12B0541

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

February 10, 2012 9:40 am

Date Received

02/15/2012

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	02/21/2012 11:23	02/21/2012 18:55	SS
71-55-6	1,1,1-Trichloroethane	0.82		ug/L	0.043	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	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	02/21/2012 11:23	02/21/2012 18:55	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
75-34-3	1,1-Dichloroethane	0.35	J	ug/L	0.056	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS

Sample Information

Client Sample ID: WQ21012:940NP2-6

York Sample ID: 12B0541-01

York Project (SDG) No.
12B0541

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 10, 2012 9:40 am

Date Received
02/15/2012

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	02/21/2012 11:23	02/21/2012 18:55	SS
67-66-3	Chloroform	0.17	J	ug/L	0.051	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
75-09-2	Methylene chloride	0.67	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
127-18-4	Tetrachloroethylene	0.81		ug/L	0.054	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
79-01-6	Trichloroethylene	0.14	J	ug/L	0.067	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 18:55	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	90.6 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	97.0 %	86.7-112								

Sample Information

Client Sample ID: WQ21012:940NP2-6

York Sample ID: 12B0541-01

York Project (SDG) No.
12B0541

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 10, 2012 9:40 am

Date Received
02/15/2012

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.00550	0.0100	1	EPA SW846-6010B	02/16/2012 15:12	02/16/2012 19:06	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	1.31		mg/L	0.00550	0.0100	1	EPA 200.7	02/16/2012 15:12	02/16/2012 19:11	MW

Sample Information

Client Sample ID: WQ21012:945NP2-7

York Sample ID: 12B0541-02

York Project (SDG) No.
12B0541

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 10, 2012 9:45 am

Date Received
02/15/2012

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	02/21/2012 11:23	02/21/2012 19:38	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	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	02/21/2012 11:23	02/21/2012 19:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS

Sample Information

Client Sample ID: WQ21012:945NP2-7

York Sample ID: 12B0541-02

York Project (SDG) No.
12B0541

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 10, 2012 9:45 am

Date Received
02/15/2012

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	02/21/2012 11:23	02/21/2012 19:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
75-09-2	Methylene chloride	0.61	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS

Sample Information

Client Sample ID: WQ21012:945NP2-7

York Sample ID: 12B0541-02

York Project (SDG) No.
12B0541

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 10, 2012 9:45 am

Date Received
02/15/2012

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	02/21/2012 11:23	02/21/2012 19:38	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/21/2012 11:23	02/21/2012 19:38	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0 *Surrogate: 1,2-Dichloroethane-d4*

110 %

75.7-121

460-00-4 *Surrogate: p-Bromofluorobenzene*

94.2 %

71.3-131

2037-26-5 *Surrogate: Toluene-d8*

97.4 %

86.7-112

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	0.0270		mg/L	0.00550	0.0100	1	EPA SW846-6010B	02/16/2012 15:12	02/16/2012 19:28	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	0.449		mg/L	0.00550	0.0100	1	EPA 200.7	02/16/2012 15:12	02/16/2012 19:33	MW

Sample Information

Client Sample ID: WQ21012:950NP2-10

York Sample ID: 12B0542-01

York Project (SDG) No.
12B0542

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 10, 2012 9:50 am

Date Received
02/15/2012

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	02/21/2012 11:26	02/21/2012 13:34	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	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	02/21/2012 11:26	02/21/2012 13:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS

Sample Information

Client Sample ID: WQ21012:950NP2-10

York Sample ID: 12B0542-01

York Project (SDG) No.
12B0542

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 10, 2012 9:50 am

Date Received
02/15/2012

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	02/21/2012 11:26	02/21/2012 13:34	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
67-64-1	Acetone	1.5	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS

Sample Information

Client Sample ID: WQ21012:950NP2-10

York Sample ID: 12B0542-01

York Project (SDG) No.
12B0542

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 10, 2012 9:50 am

Date Received
02/15/2012

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	02/21/2012 11:26	02/21/2012 13:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
75-09-2	Methylene chloride	0.60	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
91-20-3	Naphthalene	0.32	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/21/2012 11:26	02/21/2012 13:34	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	93.9 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	97.5 %	86.7-112								

Sample Information

Client Sample ID: WQ21012:950NP2-10

York Sample ID: 12B0542-01

York Project (SDG) No.
12B0542

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 10, 2012 9:50 am

Date Received
02/15/2012

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	0.0270		mg/L	0.00550	0.0100	1	EPA SW846-6010B	02/16/2012 15:12	02/16/2012 19:38	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	0.825		mg/L	0.00550	0.0100	1	EPA 200.7	02/16/2012 15:12	02/16/2012 19:43	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	80.0		mg/L	1.00	1.00	1	SM 2540C	02/17/2012 10:04	02/21/2012 14:04	AMC

Analytical Batch Summary

Batch ID: BB20668 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12B0541-01	WQ21012:940NP2-6	02/16/12
12B0541-01	WQ21012:940NP2-6	02/16/12
12B0541-02	WQ21012:945NP2-7	02/16/12
12B0541-02	WQ21012:945NP2-7	02/16/12
12B0542-01	WQ21012:950NP2-10	02/16/12
12B0542-01	WQ21012:950NP2-10	02/16/12
BB20668-BLK1	Blank	02/16/12
BB20668-BLK1	Blank	02/16/12
BB20668-SRM1	Reference	02/16/12
BB20668-SRM1	Reference	02/16/12

Batch ID: BB20699 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12B0542-01	WQ21012:950NP2-10	02/17/12
BB20699-BLK1	Blank	02/17/12
BB20699-DUP1	Duplicate	02/17/12

Batch ID: BB20772 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12B0542-01	WQ21012:950NP2-10	02/21/12
BB20772-BLK1	Blank	02/21/12
BB20772-BS1	LCS	02/21/12
BB20772-BSD1	LCS Dup	02/21/12

Batch ID: BB20773 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12B0541-01	WQ21012:940NP2-6	02/21/12
12B0541-02	WQ21012:945NP2-7	02/21/12
BB20773-BLK1	Blank	02/21/12
BB20773-BS1	LCS	02/21/12
BB20773-BSD1	LCS Dup	02/21/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB20772 - EPA 5030B

Blank (BB20772-BLK1)

Prepared & Analyzed: 02/21/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	0.10	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	6.2	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	3.9	2.0	"
Naphthalene	2.1	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	0.13	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 BB20772 - EPA 5030B

Blank (BB20772-BLK1)

Prepared & Analyzed: 02/21/2012

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	0.13	1.5	"

Surrogate: 1,2-Dichloroethane-d4	9.97	"	10.0	99.7	75.7-121
Surrogate: p-Bromofluorobenzene	9.01	"	10.0	90.1	71.3-131
Surrogate: Toluene-d8	9.65	"	10.0	96.5	86.7-112

LCS (BB20772-BS1)

Prepared & Analyzed: 02/21/2012

1,1,1,2-Tetrachloroethane	10.2	ug/L	10.0	102	82.3-130
1,1,1-Trichloroethane	10.5	"	10.0	105	75.6-137
1,1,2,2-Tetrachloroethane	9.20	"	10.0	92.0	71.3-131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4	"	10.0	104	71.1-129
1,1,2-Trichloroethane	9.22	"	10.0	92.2	74.5-129
1,1-Dichloroethane	10.3	"	10.0	103	79.6-132
1,1-Dichloroethylene	10.6	"	10.0	106	80.2-146
1,1-Dichloropropylene	7.65	"	10.0	76.5	75-136
1,2,3-Trichlorobenzene	8.61	"	10.0	86.1	66.1-136
1,2,3-Trichloropropane	9.79	"	10.0	97.9	63-131
1,2,4-Trichlorobenzene	9.84	"	10.0	98.4	70.6-136
1,2,4-Trimethylbenzene	9.57	"	10.0	95.7	75.3-135
1,2-Dibromo-3-chloropropane	11.0	"	10.0	110	58.9-140
1,2-Dibromoethane	10.3	"	10.0	103	79-130
1,2-Dichlorobenzene	8.99	"	10.0	89.9	76.1-122
1,2-Dichloroethane	10.5	"	10.0	105	74.6-132
1,2-Dichloropropane	9.51	"	10.0	95.1	76.9-129
1,3,5-Trimethylbenzene	9.63	"	10.0	96.3	70.6-127
1,3-Dichlorobenzene	9.36	"	10.0	93.6	77-124
1,3-Dichloropropane	9.23	"	10.0	92.3	75.8-126
1,4-Dichlorobenzene	9.12	"	10.0	91.2	76.6-125
2,2-Dichloropropane	10.5	"	10.0	105	69-133
2-Chlorotoluene	8.82	"	10.0	88.2	66.3-119
2-Hexanone	8.92	"	10.0	89.2	70-130
4-Chlorotoluene	9.29	"	10.0	92.9	69.2-127
Acetone	6.41	"	10.0	64.1	70-130
Benzene	10.0	"	10.0	100	76.2-129
Bromobenzene	8.86	"	10.0	88.6	71.3-123
Bromochloromethane	10.3	"	10.0	103	70.8-137
Bromodichloromethane	10.2	"	10.0	102	79.7-134
Bromoform	10.4	"	10.0	104	70.5-141
Bromomethane	7.07	"	10.0	70.7	43.9-147
Carbon tetrachloride	8.24	"	10.0	82.4	78.1-138
Chlorobenzene	9.57	"	10.0	95.7	80.4-125
Chloroethane	9.11	"	10.0	91.1	55.8-140
Chloroform	10.2	"	10.0	102	76.6-133
Chloromethane	6.14	"	10.0	61.4	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 BB20772 - EPA 5030B

LCS (BB20772-BS1)

Prepared & Analyzed: 02/21/2012

cis-1,2-Dichloroethylene	9.88		ug/L	10.0		98.8	75.1-128				
cis-1,3-Dichloropropylene	9.08		"	10.0		90.8	74.5-128				
Dibromochloromethane	9.54		"	10.0		95.4	79.8-134				
Dibromomethane	10.1		"	10.0		101	79-130				
Dichlorodifluoromethane	8.05		"	10.0		80.5	47.1-101				
Ethyl Benzene	9.89		"	10.0		98.9	80.8-128				
Hexachlorobutadiene	8.77		"	10.0		87.7	64.8-128				
Isopropylbenzene	9.88		"	10.0		98.8	75.5-135				
Methyl tert-butyl ether (MTBE)	6.33		"	10.0		63.3	65.1-140	Low Bias			
Methylene chloride	8.75		"	10.0		87.5	61.3-120				
Naphthalene	9.86		"	10.0		98.6	62.3-148				
n-Butylbenzene	9.18		"	10.0		91.8	67.2-123				
n-Propylbenzene	9.32		"	10.0		93.2	70.5-127				
o-Xylene	9.30		"	10.0		93.0	75.9-122				
p- & m- Xylenes	19.3		"	20.0		96.4	77.7-127				
p-Isopropyltoluene	9.51		"	10.0		95.1	75.6-129				
sec-Butylbenzene	9.29		"	10.0		92.9	71.5-125				
Styrene	9.42		"	10.0		94.2	77.8-123				
tert-Butylbenzene	9.97		"	10.0		99.7	75.9-151				
Tetrachloroethylene	10.2		"	10.0		102	63.6-167				
Toluene	9.18		"	10.0		91.8	77-123				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	76.3-139				
trans-1,3-Dichloropropylene	9.80		"	10.0		98.0	72.5-137				
Trichloroethylene	9.30		"	10.0		93.0	77.9-130				
Trichlorofluoromethane	10.2		"	10.0		102	57.4-133				
Vinyl Chloride	8.52		"	10.0		85.2	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.1</i>		<i>"</i>	<i>10.0</i>		<i>111</i>	<i>75.7-121</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>71.3-131</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.66</i>		<i>"</i>	<i>10.0</i>		<i>96.6</i>	<i>86.7-112</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 BB20772 - EPA 5030B											
LCS Dup (BB20772-BSD1)						Prepared & Analyzed: 02/21/2012					
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82.3-130		1.27	21.1	
1,1,1-Trichloroethane	11.2		"	10.0		112	75.6-137		6.54	19.7	
1,1,2,2-Tetrachloroethane	8.99		"	10.0		89.9	71.3-131		2.31	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.2		"	10.0		122	71.1-129		16.6	21.7	
1,1,2-Trichloroethane	8.83		"	10.0		88.3	74.5-129		4.32	20.3	
1,1-Dichloroethane	10.8		"	10.0		108	79.6-132		4.56	20.6	
1,1-Dichloroethylene	11.8		"	10.0		118	80.2-146		11.2	20	
1,1-Dichloropropylene	8.57		"	10.0		85.7	75-136		11.3	19.3	
1,2,3-Trichlorobenzene	8.73		"	10.0		87.3	66.1-136		1.38	21.6	
1,2,3-Trichloropropane	9.81		"	10.0		98.1	63-131		0.204	23.9	
1,2,4-Trichlorobenzene	9.56		"	10.0		95.6	70.6-136		2.89	21.7	
1,2,4-Trimethylbenzene	9.99		"	10.0		99.9	75.3-135		4.29	18.8	
1,2-Dibromo-3-chloropropane	8.78		"	10.0		87.8	58.9-140		22.1	27.7	
1,2-Dibromoethane	10.3		"	10.0		103	79-130		0.292	23	
1,2-Dichlorobenzene	9.34		"	10.0		93.4	76.1-122		3.82	19.8	
1,2-Dichloroethane	10.8		"	10.0		108	74.6-132		2.26	20.2	
1,2-Dichloropropane	9.47		"	10.0		94.7	76.9-129		0.421	20.7	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	70.6-127		6.92	18.9	
1,3-Dichlorobenzene	9.43		"	10.0		94.3	77-124		0.745	19.2	
1,3-Dichloropropane	9.33		"	10.0		93.3	75.8-126		1.08	22.1	
1,4-Dichlorobenzene	9.21		"	10.0		92.1	76.6-125		0.982	18.6	
2,2-Dichloropropane	11.6		"	10.0		116	69-133		9.79	19.8	
2-Chlorotoluene	9.41		"	10.0		94.1	66.3-119		6.47	21.6	
2-Hexanone	8.89		"	10.0		88.9	70-130		0.337	30	
4-Chlorotoluene	9.50		"	10.0		95.0	69.2-127		2.24	19	
Acetone	6.69		"	10.0		66.9	70-130	Low Bias	4.27	30	
Benzene	10.5		"	10.0		105	76.2-129		4.76	19	
Bromobenzene	9.60		"	10.0		96.0	71.3-123		8.02	20.3	
Bromochloromethane	10.8		"	10.0		108	70.8-137		4.46	23.9	
Bromodichloromethane	9.98		"	10.0		99.8	79.7-134		1.69	21	
Bromoform	10.2		"	10.0		102	70.5-141		2.13	21.8	
Bromomethane	9.52		"	10.0		95.2	43.9-147		29.5	28.4	Non-dir.
Carbon tetrachloride	9.08		"	10.0		90.8	78.1-138		9.70	20.1	
Chlorobenzene	10.0		"	10.0		100	80.4-125		4.39	19.9	
Chloroethane	10.4		"	10.0		104	55.8-140		13.4	23.3	
Chloroform	10.8		"	10.0		108	76.6-133		6.37	20.3	
Chloromethane	7.90		"	10.0		79.0	48.8-115		25.1	24.5	Non-dir.
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128		4.36	20.5	
cis-1,3-Dichloropropylene	9.13		"	10.0		91.3	74.5-128		0.549	19.9	
Dibromochloromethane	9.48		"	10.0		94.8	79.8-134		0.631	21.3	
Dibromomethane	10.1		"	10.0		101	79-130		0.494	22.4	
Dichlorodifluoromethane	9.03		"	10.0		90.3	47.1-101		11.5	23.9	
Ethyl Benzene	10.3		"	10.0		103	80.8-128		4.06	19.2	
Hexachlorobutadiene	8.65		"	10.0		86.5	64.8-128		1.38	20.6	
Isopropylbenzene	10.5		"	10.0		105	75.5-135		6.37	20	
Methyl tert-butyl ether (MTBE)	11.9		"	10.0		119	65.1-140		61.0	23.6	Non-dir.
Methylene chloride	9.08		"	10.0		90.8	61.3-120		3.70	20.4	
Naphthalene	9.45		"	10.0		94.5	62.3-148		4.25	27.1	
n-Butylbenzene	9.74		"	10.0		97.4	67.2-123		5.92	19.1	
n-Propylbenzene	10.0		"	10.0		100	70.5-127		7.34	23.4	
o-Xylene	9.82		"	10.0		98.2	75.9-122		5.44	19.3	
p- & m- Xylenes	20.2		"	20.0		101	77.7-127		4.91	18.6	
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129		7.20	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 BB20772 - EPA 5030B

LCS Dup (BB20772-BSD1)

Prepared & Analyzed: 02/21/2012

sec-Butylbenzene	9.76		ug/L	10.0		97.6	71.5-125		4.93	18.9
Styrene	9.93		"	10.0		99.3	77.8-123		5.27	20.9
tert-Butylbenzene	11.6		"	10.0		116	75.9-151		14.7	20.9
Tetrachloroethylene	10.6		"	10.0		106	63.6-167		4.34	27.7
Toluene	9.73		"	10.0		97.3	77-123		5.82	18.7
trans-1,2-Dichloroethylene	11.4		"	10.0		114	76.3-139		8.22	19.5
trans-1,3-Dichloropropylene	9.92		"	10.0		99.2	72.5-137		1.22	19.3
Trichloroethylene	9.56		"	10.0		95.6	77.9-130		2.76	20.5
Trichlorofluoromethane	11.5		"	10.0		115	57.4-133		12.2	21.4
Vinyl Chloride	9.56		"	10.0		95.6	54.9-124		11.5	22.3
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>75.7-121</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.85</i>		<i>"</i>	<i>10.0</i>		<i>98.5</i>	<i>71.3-131</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.65</i>		<i>"</i>	<i>10.0</i>		<i>96.5</i>	<i>86.7-112</i>			

Batch BB20773 - EPA 5030B

Blank (BB20773-BLK1)

Prepared & Analyzed: 02/21/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	4.8	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"

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 BB20773 - EPA 5030B

Blank (BB20773-BLK1)

Prepared & Analyzed: 02/21/2012

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	3.8	2.0	"								
Naphthalene	0.68	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	9.79		"	10.0		97.9	75.7-121				
Surrogate: p-Bromofluorobenzene	9.71		"	10.0		97.1	71.3-131				
Surrogate: Toluene-d8	9.87		"	10.0		98.7	86.7-112				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result		Limits			Limit	
Batch BB20773 - EPA 5030B											
LCS (BB20773-BS1)				Prepared & Analyzed: 02/21/2012							
1,1,1,2-Tetrachloroethane	9.58		ug/L	10.0		95.8	82.3-130				
1,1,1-Trichloroethane	10.6		"	10.0		106	75.6-137				
1,1,2,2-Tetrachloroethane	8.32		"	10.0		83.2	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	71.1-129				
1,1,2-Trichloroethane	8.33		"	10.0		83.3	74.5-129				
1,1-Dichloroethane	10.5		"	10.0		105	79.6-132				
1,1-Dichloroethylene	10.6		"	10.0		106	80.2-146				
1,1-Dichloropropylene	6.83		"	10.0		68.3	75-136	Low Bias			
1,2,3-Trichlorobenzene	8.81		"	10.0		88.1	66.1-136				
1,2,3-Trichloropropane	8.09		"	10.0		80.9	63-131				
1,2,4-Trichlorobenzene	9.51		"	10.0		95.1	70.6-136				
1,2,4-Trimethylbenzene	9.34		"	10.0		93.4	75.3-135				
1,2-Dibromo-3-chloropropane	7.98		"	10.0		79.8	58.9-140				
1,2-Dibromoethane	9.98		"	10.0		99.8	79-130				
1,2-Dichlorobenzene	8.79		"	10.0		87.9	76.1-122				
1,2-Dichloroethane	10.1		"	10.0		101	74.6-132				
1,2-Dichloropropane	9.04		"	10.0		90.4	76.9-129				
1,3,5-Trimethylbenzene	9.24		"	10.0		92.4	70.6-127				
1,3-Dichlorobenzene	9.15		"	10.0		91.5	77-124				
1,3-Dichloropropane	8.58		"	10.0		85.8	75.8-126				
1,4-Dichlorobenzene	8.84		"	10.0		88.4	76.6-125				
2,2-Dichloropropane	11.4		"	10.0		114	69-133				
2-Chlorotoluene	8.41		"	10.0		84.1	66.3-119				
2-Hexanone	8.01		"	10.0		80.1	70-130				
4-Chlorotoluene	8.86		"	10.0		88.6	69.2-127				
Acetone	6.61		"	10.0		66.1	70-130	Low Bias			
Benzene	10.0		"	10.0		100	76.2-129				
Bromobenzene	8.54		"	10.0		85.4	71.3-123				
Bromochloromethane	9.61		"	10.0		96.1	70.8-137				
Bromodichloromethane	9.39		"	10.0		93.9	79.7-134				
Bromoform	9.12		"	10.0		91.2	70.5-141				
Bromomethane	8.52		"	10.0		85.2	43.9-147				
Carbon tetrachloride	7.56		"	10.0		75.6	78.1-138	Low Bias			
Chlorobenzene	9.15		"	10.0		91.5	80.4-125				
Chloroethane	10.1		"	10.0		101	55.8-140				
Chloroform	10.1		"	10.0		101	76.6-133				
Chloromethane	7.88		"	10.0		78.8	48.8-115				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	75.1-128				
cis-1,3-Dichloropropylene	9.10		"	10.0		91.0	74.5-128				
Dibromochloromethane	9.70		"	10.0		97.0	79.8-134				
Dibromomethane	9.68		"	10.0		96.8	79-130				
Dichlorodifluoromethane	8.16		"	10.0		81.6	47.1-101				
Ethyl Benzene	9.82		"	10.0		98.2	80.8-128				
Hexachlorobutadiene	8.87		"	10.0		88.7	64.8-128				
Isopropylbenzene	9.54		"	10.0		95.4	75.5-135				
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	65.1-140				
Methylene chloride	8.74		"	10.0		87.4	61.3-120				
Naphthalene	8.58		"	10.0		85.8	62.3-148				
n-Butylbenzene	9.17		"	10.0		91.7	67.2-123				
n-Propylbenzene	8.98		"	10.0		89.8	70.5-127				
o-Xylene	9.03		"	10.0		90.3	75.9-122				
p- & m- Xylenes	19.2		"	20.0		95.8	77.7-127				
p-Isopropyltoluene	9.44		"	10.0		94.4	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
Batch BB20773 - EPA 5030B											
LCS (BB20773-BS1)											
						Prepared & Analyzed: 02/21/2012					
sec-Butylbenzene	9.13		ug/L	10.0		91.3	71.5-125				
Styrene	9.33		"	10.0		93.3	77.8-123				
tert-Butylbenzene	10.1		"	10.0		101	75.9-151				
Tetrachloroethylene	9.71		"	10.0		97.1	63.6-167				
Toluene	9.14		"	10.0		91.4	77-123				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	76.3-139				
trans-1,3-Dichloropropylene	9.25		"	10.0		92.5	72.5-137				
Trichloroethylene	9.03		"	10.0		90.3	77.9-130				
Trichlorofluoromethane	10.2		"	10.0		102	57.4-133				
Vinyl Chloride	8.72		"	10.0		87.2	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	10.4		"	10.0		104	75.7-121				
Surrogate: p-Bromofluorobenzene	10.1		"	10.0		101	71.3-131				
Surrogate: Toluene-d8	9.50		"	10.0		95.0	86.7-112				
LCS Dup (BB20773-BSD1)											
						Prepared & Analyzed: 02/21/2012					
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82.3-130		6.95	21.1	
1,1,1-Trichloroethane	11.2		"	10.0		112	75.6-137		5.60	19.7	
1,1,2,2-Tetrachloroethane	8.54		"	10.0		85.4	71.3-131		2.61	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9		"	10.0		119	71.1-129		11.7	21.7	
1,1,2-Trichloroethane	8.25		"	10.0		82.5	74.5-129		0.965	20.3	
1,1-Dichloroethane	11.1		"	10.0		111	79.6-132		6.11	20.6	
1,1-Dichloroethylene	11.5		"	10.0		115	80.2-146		8.13	20	
1,1-Dichloropropylene	8.80		"	10.0		88.0	75-136		25.2	19.3	Non-dir.
1,2,3-Trichlorobenzene	8.62		"	10.0		86.2	66.1-136		2.18	21.6	
1,2,3-Trichloropropane	8.17		"	10.0		81.7	63-131		0.984	23.9	
1,2,4-Trichlorobenzene	9.08		"	10.0		90.8	70.6-136		4.63	21.7	
1,2,4-Trimethylbenzene	10.0		"	10.0		100	75.3-135		7.12	18.8	
1,2-Dibromo-3-chloropropane	8.41		"	10.0		84.1	58.9-140		5.25	27.7	
1,2-Dibromoethane	10.3		"	10.0		103	79-130		3.25	23	
1,2-Dichlorobenzene	9.35		"	10.0		93.5	76.1-122		6.17	19.8	
1,2-Dichloroethane	10.6		"	10.0		106	74.6-132		5.01	20.2	
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129		13.6	20.7	
1,3,5-Trimethylbenzene	9.32		"	10.0		93.2	70.6-127		0.862	18.9	
1,3-Dichlorobenzene	9.20		"	10.0		92.0	77-124		0.545	19.2	
1,3-Dichloropropane	9.18		"	10.0		91.8	75.8-126		6.76	22.1	
1,4-Dichlorobenzene	9.33		"	10.0		93.3	76.6-125		5.39	18.6	
2,2-Dichloropropane	12.0		"	10.0		120	69-133		4.78	19.8	
2-Chlorotoluene	9.14		"	10.0		91.4	66.3-119		8.32	21.6	
2-Hexanone	8.92		"	10.0		89.2	70-130		10.8	30	
4-Chlorotoluene	9.82		"	10.0		98.2	69.2-127		10.3	19	
Acetone	6.66		"	10.0		66.6	70-130	Low Bias	0.754	30	
Benzene	10.4		"	10.0		104	76.2-129		3.91	19	
Bromobenzene	9.28		"	10.0		92.8	71.3-123		8.31	20.3	
Bromochloromethane	9.81		"	10.0		98.1	70.8-137		2.06	23.9	
Bromodichloromethane	10.5		"	10.0		105	79.7-134		11.3	21	
Bromoform	9.55		"	10.0		95.5	70.5-141		4.61	21.8	
Bromomethane	8.82		"	10.0		88.2	43.9-147		3.46	28.4	
Carbon tetrachloride	8.70		"	10.0		87.0	78.1-138		14.0	20.1	
Chlorobenzene	10.1		"	10.0		101	80.4-125		10.2	19.9	
Chloroethane	9.84		"	10.0		98.4	55.8-140		2.81	23.3	
Chloroform	10.5		"	10.0		105	76.6-133		3.50	20.3	
Chloromethane	8.00		"	10.0		80.0	48.8-115		1.51	24.5	
cis-1,2-Dichloroethylene	10.7		"	10.0		107	75.1-128		5.27	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 BB20773 - EPA 5030B

LCS Dup (BB20773-BSD1)

Prepared & Analyzed: 02/21/2012

cis-1,3-Dichloropropylene	9.94		ug/L	10.0		99.4	74.5-128		8.82	19.9	
Dibromochloromethane	10.3		"	10.0		103	79.8-134		6.39	21.3	
Dibromomethane	10.6		"	10.0		106	79-130		9.45	22.4	
Dichlorodifluoromethane	9.11		"	10.0		91.1	47.1-101		11.0	23.9	
Ethyl Benzene	10.8		"	10.0		108	80.8-128		9.87	19.2	
Hexachlorobutadiene	8.77		"	10.0		87.7	64.8-128		1.13	20.6	
Isopropylbenzene	10.5		"	10.0		105	75.5-135		9.30	20	
Methyl tert-butyl ether (MTBE)	9.33		"	10.0		93.3	65.1-140		7.33	23.6	
Methylene chloride	9.02		"	10.0		90.2	61.3-120		3.15	20.4	
Naphthalene	8.80		"	10.0		88.0	62.3-148		2.53	27.1	
n-Butylbenzene	9.78		"	10.0		97.8	67.2-123		6.44	19.1	
n-Propylbenzene	9.58		"	10.0		95.8	70.5-127		6.47	23.4	
o-Xylene	10.0		"	10.0		100	75.9-122		10.3	19.3	
p- & m- Xylenes	21.1		"	20.0		105	77.7-127		9.54	18.6	
p-Isopropyltoluene	10.0		"	10.0		100	75.6-129		5.96	19.1	
sec-Butylbenzene	10.0		"	10.0		100	71.5-125		9.30	18.9	
Styrene	10.1		"	10.0		101	77.8-123		8.32	20.9	
tert-Butylbenzene	10.8		"	10.0		108	75.9-151		6.90	20.9	
Tetrachloroethylene	11.2		"	10.0		112	63.6-167		14.6	27.7	
Toluene	10.1		"	10.0		101	77-123		10.2	18.7	
trans-1,2-Dichloroethylene	10.8		"	10.0		108	76.3-139		3.78	19.5	
trans-1,3-Dichloropropylene	9.92		"	10.0		99.2	72.5-137		6.99	19.3	
Trichloroethylene	10.2		"	10.0		102	77.9-130		11.8	20.5	
Trichlorofluoromethane	11.2		"	10.0		112	57.4-133		9.05	21.4	
Vinyl Chloride	9.01		"	10.0		90.1	54.9-124		3.27	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>75.7-121</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.90</i>		<i>"</i>	<i>10.0</i>		<i>99.0</i>	<i>71.3-131</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.73</i>		<i>"</i>	<i>10.0</i>		<i>97.3</i>	<i>86.7-112</i>				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB20668 - EPA 3010A**Blank (BB20668-BLK1)**

Prepared & Analyzed: 02/16/2012

Iron	ND	0.0100	mg/L
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Reference (BB20668-SRM1)

Prepared & Analyzed: 02/16/2012

Iron	0.621	0.0100	mg/L	0.589	105	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 BB20668 - EPA 3010A**Blank (BB20668-BLK1)**

Prepared & Analyzed: 02/16/2012

Iron	ND	0.0100	mg/L								
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Reference (BB20668-SRM1)

Prepared & Analyzed: 02/16/2012

Iron	0.621	0.0100	mg/L	0.589		105	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 BB20699 - % Solids Prep**Blank (BB20699-BLK1)**

Prepared: 02/17/2012 Analyzed: 02/21/2012

Total Dissolved Solids ND 1.00 mg/L

Duplicate (BB20699-DUP1)

*Source sample: 12B0542-01 (WQ21012:950NP2-10)

Prepared: 02/17/2012 Analyzed: 02/21/2012

Total Dissolved Solids 79.0 1.00 mg/L 80.0 1.26 15

Notes and Definitions

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

Corrective Action:

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 25 of 26

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

Field Chain-of-Custody Record

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

Page 1 of 1

York Project No. 1230542

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type		
Company: <u>LBG</u>	Company: <u>Same</u>	Company: <u>Same</u>		Company: <u>Same</u>		Company: <u>Same</u>		RUSH - Same Day ☐		Summary Report <u>X</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>		RUSH - Next Day ☐		Summary w/ QA Summary <u>X</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>		RUSH - Two Day ☐		CT RCP Package		
Contact Person: <u>Tunde Sandoz</u>	Attention: <u>Same</u>	Attention: <u>Same</u>		Attention: <u>Same</u>		Attention: <u>Same</u>		RUSH - Three Day ☐		CTRCP DQ/DUE Pkg		
E-Mail Address: <u>TSandoz@LBGCT.com</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>		E-Mail Address: <u>Same</u>		E-Mail Address: <u>Same</u>		RUSH - Four Day ☐		NY ASP A Package		
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved. <u>STEPHEN HNAT</u> Name (printed) Samples Collected/Authorized By (Signature)		Matrix Codes		Volatiles		Semi-Volatiles		Full Lists		Electronic Data Deliverables (EDD)		
		S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor	TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list	Site Spec. Nasose Co. Suffolk Co. Ketones Oxygenates TCLP list 524.2 502.2 NIDEP list SPL or TCLP	8082 PCB 3081P est 815 Herb CT RCP App. IX Site Spec. SPL or TCLP TCLP list NIDEP list App. IX TCLP BNA SPL or TCLP	TPH GRO TPH DRO CT ETHP NY 310-13 TPH 1664 Air TO14A Total Dissolved SPL or TCLP Inert Metals LIST Below Helium	Misc. Org. TPH GRO TPH DRO CT ETHP NY 310-13 TPH 1664 Air TO14A Total Dissolved SPL or TCLP Inert Metals LIST Below Helium	TPH GRO TPH DRO CT ETHP NY 310-13 TPH 1664 Air TO14A Total Dissolved SPL or TCLP Inert Metals LIST Below Helium	TPH GRO TPH DRO CT ETHP NY 310-13 TPH 1664 Air TO14A Total Dissolved SPL or TCLP Inert Metals LIST Below Helium	TPH GRO TPH DRO CT ETHP NY 310-13 TPH 1664 Air TO14A Total Dissolved SPL or TCLP Inert Metals LIST Below Helium	TPH GRO TPH DRO CT ETHP NY 310-13 TPH 1664 Air TO14A Total Dissolved SPL or TCLP Inert Metals LIST Below Helium	TPH GRO TPH DRO CT ETHP NY 310-13 TPH 1664 Air TO14A Total Dissolved SPL or TCLP Inert Metals LIST Below Helium
Sample Identification		Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below								Container Description(s)
NQ21012: 940NP12-6	2/12/12 940	GW	Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SWP46-8010B) / TOLs, P260 list (EPA SWP45-8260B) plus from 113								2x 28	
NQ21012: 945NP12-7	2/12/12 945	GW	Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SWP46-8010B) / TOLs, P260 list (EPA SWP45-8260B) plus from 113								2x 28	
NQ21012: 950NP12-10	2/12/12 950	GW	Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SWP46-8010B) / TOLs, P260 list (EPA SWP45-8260B) plus from 113								2x 38	
Comments		Preservation Check these Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐										
Temperature on Receipt		4°C ☐ Frozen ☐ HCl ☐ MeOH ☐ NaOH ☐										
Date/Time		Date/Time										

APPENDIX II
FEBRUARY 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: 02/27/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12B0639

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 02/27/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12B0639

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 February 17, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12B0639-01	GWQ21412:940NP1-1-2	Water	02/14/2012	02/17/2012
12B0639-02	GWQ21412:950NP1-1-3	Water	02/14/2012	02/17/2012
12B0639-03	GWQ21412:1000NP1-1-4	Water	02/14/2012	02/17/2012
12B0639-04	GWQ21412:1010NP1-1-5	Water	02/14/2012	02/17/2012
12B0639-05	GWQ21412:1020NP1-1-6	Water	02/14/2012	02/17/2012
12B0639-06	GWQ21412:1030NP1-1-7	Water	02/14/2012	02/17/2012
12B0639-07	GWQ21412:1040NP1-1-8	Water	02/14/2012	02/17/2012
12B0639-08	GWQ21412:1050NP1-1-9	Water	02/14/2012	02/17/2012

General Notes for York Project (SDG) No.: 12B0639

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

Approved By:



Date: 02/27/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: GWQ21412:940NP1-1-2

York Sample ID: 12B0639-01

York Project (SDG) No.

12B0639

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

February 14, 2012 9:40 am

Date Received

02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
71-55-6	1,1,1-Trichloroethane	0.45	J	ug/L	0.043	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	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	02/23/2012 13:17	02/23/2012 15:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS

Sample Information

Client Sample ID: GWQ21412:940NP1-1-2

York Sample ID: 12B0639-01

York Project (SDG) No.
12B0639

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 9:40 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
67-66-3	Chloroform	0.15	J	ug/L	0.051	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
75-09-2	Methylene chloride	0.42	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
91-20-3	Naphthalene	0.53	J	ug/L	0.040	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
127-18-4	Tetrachloroethylene	0.84		ug/L	0.054	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
79-01-6	Trichloroethylene	0.28	J	ug/L	0.067	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:01	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	91.9 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	98.9 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	104 %	86.7-112								

Sample Information

Client Sample ID: GWQ21412:950NP1-1-3

York Sample ID: 12B0639-02

York Project (SDG) No.
12B0639

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 9:50 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
71-55-6	1,1,1-Trichloroethane	0.33	J	ug/L	0.043	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 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	02/23/2012 13:17	02/23/2012 15:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
67-64-1	Acetone	1.7	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS

Sample Information

Client Sample ID: GWQ21412:950NP1-1-3

York Sample ID: 12B0639-02

York Project (SDG) No.
12B0639

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 9:50 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
75-09-2	Methylene chloride	0.47	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
91-20-3	Naphthalene	0.28	J	ug/L	0.040	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
127-18-4	Tetrachloroethylene	0.23	J	ug/L	0.054	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
79-01-6	Trichloroethylene	0.90		ug/L	0.067	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 15:35	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	94.5 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	98.2 %	86.7-112								

Sample Information

Client Sample ID: GWQ21412:1000NP1-1-4

York Sample ID: 12B0639-03

York Project (SDG) No.
12B0639

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 10:00 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
71-55-6	1,1,1-Trichloroethane	4.0		ug/L	0.043	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	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	02/23/2012 13:17	02/23/2012 16:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
75-34-3	1,1-Dichloroethane	1.8		ug/L	0.056	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
75-35-4	1,1-Dichloroethylene	0.26	J	ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
67-64-1	Acetone	1.7	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS

Sample Information

Client Sample ID: GWQ21412:1000NP1-1-4

York Sample ID: 12B0639-03

York Project (SDG) No.
12B0639

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 10:00 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
67-66-3	Chloroform	0.19	J	ug/L	0.051	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
75-09-2	Methylene chloride	0.43	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
91-20-3	Naphthalene	0.15	J	ug/L	0.040	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
127-18-4	Tetrachloroethylene	1.1		ug/L	0.054	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
79-01-6	Trichloroethylene	0.13	J	ug/L	0.067	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:10	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.3 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	91.9 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	98.0 %	86.7-112								

Sample Information

Client Sample ID: GWQ21412:1010NP1-1-5

York Sample ID: 12B0639-04

York Project (SDG) No.
12B0639

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 10:10 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
71-55-6	1,1,1-Trichloroethane	0.76		ug/L	0.043	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	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	02/23/2012 13:17	02/23/2012 16:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
75-34-3	1,1-Dichloroethane	0.61		ug/L	0.056	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
67-64-1	Acetone	1.6	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS

Sample Information

Client Sample ID: GWQ21412:1010NP1-1-5

York Sample ID: 12B0639-04

York Project (SDG) No.
12B0639

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 10:10 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
67-66-3	Chloroform	0.66		ug/L	0.051	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
75-09-2	Methylene chloride	0.36	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 16:44	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.2 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	99.7 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	99.6 %	86.7-112								

Sample Information

Client Sample ID: GWQ21412:1020NP1-1-6

York Sample ID: 12B0639-05

York Project (SDG) No.
12B0639

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 10:20 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
71-55-6	1,1,1-Trichloroethane	2.6		ug/L	0.043	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	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	02/23/2012 13:17	02/23/2012 17:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
75-34-3	1,1-Dichloroethane	0.82		ug/L	0.056	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
75-35-4	1,1-Dichloroethylene	0.19	J	ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS

Sample Information

Client Sample ID: GWQ21412:1020NP1-1-6

York Sample ID: 12B0639-05

York Project (SDG) No.
12B0639

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 10:20 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
67-66-3	Chloroform	0.28	J	ug/L	0.051	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
75-09-2	Methylene chloride	0.47	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
127-18-4	Tetrachloroethylene	3.2		ug/L	0.054	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
79-01-6	Trichloroethylene	0.11	J	ug/L	0.067	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:18	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.5 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	94.1 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	101 %	86.7-112								

Sample Information

Client Sample ID: GWQ21412:1030NP1-1-7

York Sample ID: 12B0639-06

York Project (SDG) No.
12B0639

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 10:30 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
71-55-6	1,1,1-Trichloroethane	0.40	J	ug/L	0.043	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	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	02/23/2012 13:17	02/23/2012 17:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
75-34-3	1,1-Dichloroethane	0.28	J	ug/L	0.056	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
67-64-1	Acetone	1.8	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS

Sample Information

Client Sample ID: GWQ21412:1030NP1-1-7

York Sample ID: 12B0639-06

York Project (SDG) No.
12B0639

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 10:30 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
67-66-3	Chloroform	0.18	J	ug/L	0.051	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
75-09-2	Methylene chloride	0.38	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
127-18-4	Tetrachloroethylene	1.9		ug/L	0.054	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
79-01-6	Trichloroethylene	0.11	J	ug/L	0.067	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 17:52	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.6 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	98.1 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	104 %	86.7-112								

Sample Information

Client Sample ID: GWQ21412:1040NP1-1-8

York Sample ID: 12B0639-07

York Project (SDG) No.
12B0639

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 10:40 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	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	02/23/2012 13:17	02/23/2012 18:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
67-64-1	Acetone	1.6	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS

Sample Information

Client Sample ID: GWQ21412:1040NP1-1-8

York Sample ID: 12B0639-07

York Project (SDG) No.
12B0639

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 10:40 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
75-09-2	Methylene chloride	0.46	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 18:27	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.9 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	98.5 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	99.8 %	86.7-112								

Sample Information

Client Sample ID: GWQ21412:1050NP1-1-9

York Sample ID: 12B0639-08

York Project (SDG) No.
12B0639

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 10:50 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	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	02/23/2012 13:17	02/23/2012 19:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
67-64-1	Acetone	1.4	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS

Sample Information

Client Sample ID: GWQ21412:1050NP1-1-9

York Sample ID: 12B0639-08

York Project (SDG) No.
12B0639

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 10:50 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
75-09-2	Methylene chloride	0.37	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/23/2012 13:17	02/23/2012 19:01	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	98.5 %	86.7-112								

Analytical Batch Summary

Batch ID: BB20897

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12B0639-01	GWQ21412:940NP1-1-2	02/23/12
12B0639-02	GWQ21412:950NP1-1-3	02/23/12
12B0639-03	GWQ21412:1000NP1-1-4	02/23/12
12B0639-04	GWQ21412:1010NP1-1-5	02/23/12
12B0639-05	GWQ21412:1020NP1-1-6	02/23/12
12B0639-06	GWQ21412:1030NP1-1-7	02/23/12
12B0639-07	GWQ21412:1040NP1-1-8	02/23/12
12B0639-08	GWQ21412:1050NP1-1-9	02/23/12
BB20897-BLK1	Blank	02/23/12
BB20897-BS1	LCS	02/23/12
BB20897-BSD1	LCS Dup	02/23/12

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 BB20897 - EPA 5030B

Blank (BB20897-BLK1)

Prepared & Analyzed: 02/23/2012

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	1.4	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	0.84	2.0	"
Naphthalene	ND	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	0.14	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 BB20897 - EPA 5030B

Blank (BB20897-BLK1)

Prepared & Analyzed: 02/23/2012

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	0.14	1.5	"

Surrogate: 1,2-Dichloroethane-d4	9.54	"	10.0	95.4	75.7-121
Surrogate: p-Bromofluorobenzene	9.63	"	10.0	96.3	71.3-131
Surrogate: Toluene-d8	9.96	"	10.0	99.6	86.7-112

LCS (BB20897-BS1)

Prepared & Analyzed: 02/23/2012

1,1,1,2-Tetrachloroethane	8.76	ug/L	10.0	87.6	82.3-130
1,1,1-Trichloroethane	10.4	"	10.0	104	75.6-137
1,1,2,2-Tetrachloroethane	8.08	"	10.0	80.8	71.3-131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6	"	10.0	116	71.1-129
1,1,2-Trichloroethane	8.43	"	10.0	84.3	74.5-129
1,1-Dichloroethane	10.0	"	10.0	100	79.6-132
1,1-Dichloroethylene	10.6	"	10.0	106	80.2-146
1,1-Dichloropropylene	12.5	"	10.0	125	75-136
1,2,3-Trichlorobenzene	7.11	"	10.0	71.1	66.1-136
1,2,3-Trichloropropane	7.63	"	10.0	76.3	63-131
1,2,4-Trichlorobenzene	7.86	"	10.0	78.6	70.6-136
1,2,4-Trimethylbenzene	9.09	"	10.0	90.9	75.3-135
1,2-Dibromo-3-chloropropane	5.94	"	10.0	59.4	58.9-140
1,2-Dibromoethane	9.00	"	10.0	90.0	79-130
1,2-Dichlorobenzene	8.04	"	10.0	80.4	76.1-122
1,2-Dichloroethane	8.75	"	10.0	87.5	74.6-132
1,2-Dichloropropane	9.57	"	10.0	95.7	76.9-129
1,3,5-Trimethylbenzene	9.42	"	10.0	94.2	70.6-127
1,3-Dichlorobenzene	8.05	"	10.0	80.5	77-124
1,3-Dichloropropane	8.69	"	10.0	86.9	75.8-126
1,4-Dichlorobenzene	8.42	"	10.0	84.2	76.6-125
2,2-Dichloropropane	11.5	"	10.0	115	69-133
2-Chlorotoluene	9.01	"	10.0	90.1	66.3-119
2-Hexanone	7.04	"	10.0	70.4	70-130
4-Chlorotoluene	9.09	"	10.0	90.9	69.2-127
Acetone	9.08	"	10.0	90.8	70-130
Benzene	9.92	"	10.0	99.2	76.2-129
Bromobenzene	8.31	"	10.0	83.1	71.3-123
Bromochloromethane	9.35	"	10.0	93.5	70.8-137
Bromodichloromethane	9.46	"	10.0	94.6	79.7-134
Bromoform	8.90	"	10.0	89.0	70.5-141
Bromomethane	9.86	"	10.0	98.6	43.9-147
Carbon tetrachloride	11.7	"	10.0	117	78.1-138
Chlorobenzene	9.52	"	10.0	95.2	80.4-125
Chloroethane	10.2	"	10.0	102	55.8-140
Chloroform	9.65	"	10.0	96.5	76.6-133
Chloromethane	8.39	"	10.0	83.9	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 BB20897 - EPA 5030B

LCS (BB20897-BS1)

Prepared & Analyzed: 02/23/2012

cis-1,2-Dichloroethylene	9.70		ug/L	10.0		97.0	75.1-128				
cis-1,3-Dichloropropylene	9.09		"	10.0		90.9	74.5-128				
Dibromochloromethane	8.78		"	10.0		87.8	79.8-134				
Dibromomethane	9.19		"	10.0		91.9	79-130				
Dichlorodifluoromethane	8.75		"	10.0		87.5	47.1-101				
Ethyl Benzene	10.4		"	10.0		104	80.8-128				
Hexachlorobutadiene	8.36		"	10.0		83.6	64.8-128				
Isopropylbenzene	10.0		"	10.0		100	75.5-135				
Methyl tert-butyl ether (MTBE)	9.77		"	10.0		97.7	65.1-140				
Methylene chloride	6.91		"	10.0		69.1	61.3-120				
Naphthalene	5.66		"	10.0		56.6	62.3-148	Low Bias			
n-Butylbenzene	9.41		"	10.0		94.1	67.2-123				
n-Propylbenzene	9.46		"	10.0		94.6	70.5-127				
o-Xylene	9.21		"	10.0		92.1	75.9-122				
p- & m- Xylenes	19.9		"	20.0		99.4	77.7-127				
p-Isopropyltoluene	9.48		"	10.0		94.8	75.6-129				
sec-Butylbenzene	9.65		"	10.0		96.5	71.5-125				
Styrene	9.36		"	10.0		93.6	77.8-123				
tert-Butylbenzene	10.3		"	10.0		103	75.9-151				
Tetrachloroethylene	10.9		"	10.0		109	63.6-167				
Toluene	9.97		"	10.0		99.7	77-123				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	76.3-139				
trans-1,3-Dichloropropylene	8.83		"	10.0		88.3	72.5-137				
Trichloroethylene	10.3		"	10.0		103	77.9-130				
Trichlorofluoromethane	11.1		"	10.0		111	57.4-133				
Vinyl Chloride	9.64		"	10.0		96.4	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	9.25		"	10.0		92.5	75.7-121				
Surrogate: p-Bromofluorobenzene	9.80		"	10.0		98.0	71.3-131				
Surrogate: Toluene-d8	10.1		"	10.0		101	86.7-112				

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 BB20897 - EPA 5030B											
LCS Dup (BB20897-BSD1)						Prepared & Analyzed: 02/23/2012					
1,1,1,2-Tetrachloroethane	8.85		ug/L	10.0		88.5	82.3-130		1.02	21.1	
1,1,1-Trichloroethane	10.2		"	10.0		102	75.6-137		2.04	19.7	
1,1,2,2-Tetrachloroethane	8.45		"	10.0		84.5	71.3-131		4.48	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	71.1-129		5.56	21.7	
1,1,2-Trichloroethane	8.46		"	10.0		84.6	74.5-129		0.355	20.3	
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132		1.09	20.6	
1,1-Dichloroethylene	10.3		"	10.0		103	80.2-146		2.20	20	
1,1-Dichloropropylene	12.8		"	10.0		128	75-136		2.22	19.3	
1,2,3-Trichlorobenzene	7.76		"	10.0		77.6	66.1-136		8.74	21.6	
1,2,3-Trichloropropane	8.26		"	10.0		82.6	63-131		7.93	23.9	
1,2,4-Trichlorobenzene	8.66		"	10.0		86.6	70.6-136		9.69	21.7	
1,2,4-Trimethylbenzene	9.53		"	10.0		95.3	75.3-135		4.73	18.8	
1,2-Dibromo-3-chloropropane	7.05		"	10.0		70.5	58.9-140		17.1	27.7	
1,2-Dibromoethane	9.31		"	10.0		93.1	79-130		3.39	23	
1,2-Dichlorobenzene	8.60		"	10.0		86.0	76.1-122		6.73	19.8	
1,2-Dichloroethane	8.89		"	10.0		88.9	74.6-132		1.59	20.2	
1,2-Dichloropropane	9.30		"	10.0		93.0	76.9-129		2.86	20.7	
1,3,5-Trimethylbenzene	9.51		"	10.0		95.1	70.6-127		0.951	18.9	
1,3-Dichlorobenzene	8.93		"	10.0		89.3	77-124		10.4	19.2	
1,3-Dichloropropane	8.38		"	10.0		83.8	75.8-126		3.63	22.1	
1,4-Dichlorobenzene	8.75		"	10.0		87.5	76.6-125		3.84	18.6	
2,2-Dichloropropane	11.7		"	10.0		117	69-133		1.38	19.8	
2-Chlorotoluene	8.41		"	10.0		84.1	66.3-119		6.89	21.6	
2-Hexanone	7.18		"	10.0		71.8	70-130		1.97	30	
4-Chlorotoluene	9.58		"	10.0		95.8	69.2-127		5.25	19	
Acetone	9.01		"	10.0		90.1	70-130		0.774	30	
Benzene	10.2		"	10.0		102	76.2-129		3.17	19	
Bromobenzene	8.81		"	10.0		88.1	71.3-123		5.84	20.3	
Bromochloromethane	9.27		"	10.0		92.7	70.8-137		0.859	23.9	
Bromodichloromethane	9.24		"	10.0		92.4	79.7-134		2.35	21	
Bromoform	9.25		"	10.0		92.5	70.5-141		3.86	21.8	
Bromomethane	9.31		"	10.0		93.1	43.9-147		5.74	28.4	
Carbon tetrachloride	11.8		"	10.0		118	78.1-138		1.44	20.1	
Chlorobenzene	8.98		"	10.0		89.8	80.4-125		5.84	19.9	
Chloroethane	9.93		"	10.0		99.3	55.8-140		2.29	23.3	
Chloroform	9.53		"	10.0		95.3	76.6-133		1.25	20.3	
Chloromethane	7.91		"	10.0		79.1	48.8-115		5.89	24.5	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	75.1-128		3.54	20.5	
cis-1,3-Dichloropropylene	8.87		"	10.0		88.7	74.5-128		2.45	19.9	
Dibromochloromethane	8.94		"	10.0		89.4	79.8-134		1.81	21.3	
Dibromomethane	9.10		"	10.0		91.0	79-130		0.984	22.4	
Dichlorodifluoromethane	8.18		"	10.0		81.8	47.1-101		6.73	23.9	
Ethyl Benzene	9.97		"	10.0		99.7	80.8-128		4.32	19.2	
Hexachlorobutadiene	7.80		"	10.0		78.0	64.8-128		6.93	20.6	
Isopropylbenzene	10.2		"	10.0		102	75.5-135		1.68	20	
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	65.1-140		15.6	23.6	
Methylene chloride	6.96		"	10.0		69.6	61.3-120		0.721	20.4	
Naphthalene	8.06		"	10.0		80.6	62.3-148		35.0	27.1	Non-dir.
n-Butylbenzene	9.62		"	10.0		96.2	67.2-123		2.21	19.1	
n-Propylbenzene	9.76		"	10.0		97.6	70.5-127		3.12	23.4	
o-Xylene	8.87		"	10.0		88.7	75.9-122		3.76	19.3	
p- & m- Xylenes	19.0		"	20.0		95.2	77.7-127		4.21	18.6	
p-Isopropyltoluene	9.57		"	10.0		95.7	75.6-129		0.945	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 BB20897 - EPA 5030B

LCS Dup (BB20897-BSD1)

Prepared & Analyzed: 02/23/2012

sec-Butylbenzene	9.72		ug/L	10.0		97.2	71.5-125		0.723	18.9	
Styrene	9.09		"	10.0		90.9	77.8-123		2.93	20.9	
tert-Butylbenzene	10.2		"	10.0		102	75.9-151		0.0975	20.9	
Tetrachloroethylene	10.5		"	10.0		105	63.6-167		4.03	27.7	
Toluene	9.52		"	10.0		95.2	77-123		4.62	18.7	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	76.3-139		1.78	19.5	
trans-1,3-Dichloropropylene	8.84		"	10.0		88.4	72.5-137		0.113	19.3	
Trichloroethylene	9.90		"	10.0		99.0	77.9-130		3.67	20.5	
Trichlorofluoromethane	10.4		"	10.0		104	57.4-133		6.44	21.4	
Vinyl Chloride	9.07		"	10.0		90.7	54.9-124		6.09	22.3	
Surrogate: 1,2-Dichloroethane-d4	9.48		"	10.0		94.8	75.7-121				
Surrogate: p-Bromofluorobenzene	9.92		"	10.0		99.2	71.3-131				
Surrogate: Toluene-d8	9.85		"	10.0		98.5	86.7-112				

Notes and Definitions

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

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

Corrective Action:

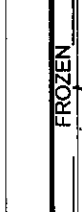
YORK

ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Page 1 of 1York Project No. 12B0639NOTE: 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	☒ SAME	Name: Tunde Sandor	Name: Mark Goldberg			Rowe Industries	RUSH Same Day	Summary	x, pdf		
Address: 4 Research Drive, Suite 301, Shelton CT, 06484			Company: Same	Company: Same				RUSH Next Day	QA/QC Summary	x, pdf		
Phone no.: 203-929-8555			Address:	Address:				RUSH Two Day	CT RCP Pkg			
Contact Person Tunde Sandor								RUSH Three Day	ASP A Pkg			
E-mail Addr.: tsandor@lbact.com								RUSH Four Day	ASP B Pkg	x, pdf		
FAX No.: 203-926-9140			E-mail:	E-mail:				Standard (5-7 days)	Excel			
			Fax No.:	Fax No.:				OTHER	EDD	x, Excel		
Print Clearly and Legibly - All Information must be complete Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved Samples Collected/Authorized By (Signature)  Name (printed) STEPHEN HNAT												
Sample Identification		Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below								Container Description(s)
6W1221412: 942NP1-1-2		2/14/12 940	GW	VOC 8260 full list (EPA SW846-8260B)								ZV
6W1221412: 950NP1-1-3		950	GW	VOC 8260 full list (EPA SW846-8260B)								
6W1221412: 1000NP1-1-4		1000	GW	VOC 8260 full list (EPA SW846-8260B)								
6W1221412: 1010NP1-1-5		1010	GW	VOC 8260 full list (EPA SW846-8260B)								
6W1221412: 1020NP1-1-6		1020	GW	VOC 8260 full list (EPA SW846-8260B)								
6W1221412: 1030NP1-1-7		1030	GW	VOC 8260 full list (EPA SW846-8260B)								
6W1221412: 1040NP1-1-8		1040	GW	VOC 8260 full list (EPA SW846-8260B)								
6W1221412: 1050NP1-1-9		1050	GW	VOC 8260 full list (EPA SW846-8260B)								
Preservation ☒ X those applicable				Cool 4°C ☒ H2SO4 ☒ NaOH ☒ NONE ☒ FROZEN ☒								Temperature on Receipt 4.3 °C
Samples Relinquished By  Date/Time 2/17/12				Samples Received By  Date/Time 2/17/12 11:00				Samples Relinquished By  Date/Time 2/17/12-1520				Samples Received in LAB by  Date/Time

Technical Report

prepared for:

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

Report Date: 02/29/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12B0637

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 02/29/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12B0637

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 February 17, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12B0637-01	WQ21412:1100FRW1	Water	02/14/2012	02/17/2012
12B0637-02	WQ21412:1105FRW2	Water	02/14/2012	02/17/2012
12B0637-03	WQ21412:1110FRW3	Water	02/14/2012	02/17/2012
12B0637-04	WQ21412:1115FRW4	Water	02/14/2012	02/17/2012

General Notes for York Project (SDG) No.: 12B0637

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

Approved By:



Date: 02/29/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ21412:1100FRW1

York Sample ID: 12B0637-01

York Project (SDG) No.

12B0637

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

February 14, 2012 11:00 am

Date Received

02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.55	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.43	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.78	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.72	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.96	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.56	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.57	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.77	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.82	20	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.6	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
120-82-1	1,2,4-Trichlorobenzene	1.0	J	ug/L	0.67	20	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
95-63-6	1,2,4-Trimethylbenzene	4.3	J	ug/L	0.63	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	4.8	20	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.96	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.65	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.72	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.69	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
108-67-8	1,3,5-Trimethylbenzene	1.4	J	ug/L	0.38	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.50	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.74	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.37	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.57	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.90	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
591-78-6	2-Hexanone	ND		ug/L	0.89	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.57	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
67-64-1	Acetone	32		ug/L	11	20	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
71-43-2	Benzene	1.2	J	ug/L	0.39	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
108-86-1	Bromobenzene	ND		ug/L	0.79	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
74-97-5	Bromochloromethane	ND		ug/L	0.92	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.44	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
75-25-2	Bromoform	ND		ug/L	1.0	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
74-83-9	Bromomethane	ND		ug/L	1.9	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.45	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
108-90-7	Chlorobenzene	ND		ug/L	0.28	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR

Sample Information

Client Sample ID: WQ21412:1100FRW1

York Sample ID: 12B0637-01

York Project (SDG) No.
12B0637

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 11:00 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.94	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
67-66-3	Chloroform	ND		ug/L	0.51	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
74-87-3	Chloromethane	ND		ug/L	0.45	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
156-59-2	cis-1,2-Dichloroethylene	8.0		ug/L	0.30	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.60	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.40	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
74-95-3	Dibromomethane	ND		ug/L	0.46	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.2	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
100-41-4	Ethyl Benzene	3.1	J	ug/L	0.36	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.52	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.90	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.81	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
75-09-2	Methylene chloride	18	J, B	ug/L	1.2	20	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
91-20-3	Naphthalene	3.8	J, B	ug/L	0.40	20	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.28	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.75	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
95-47-6	o-Xylene	3.0	J	ug/L	0.31	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
1330-20-7P/M	p- & m- Xylenes	9.0	J	ug/L	0.86	10	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.72	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.66	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
100-42-5	Styrene	ND		ug/L	0.30	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
127-18-4	Tetrachloroethylene	66		ug/L	0.54	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
108-88-3	Toluene	2.3	J	ug/L	0.63	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.55	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.44	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
79-01-6	Trichloroethylene	2.0	J	ug/L	0.67	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.35	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.60	5.0	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
1330-20-7	Xylenes, Total	12	J	ug/L	1.2	15	10	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 13:22	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.6 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	91.4 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	99.7 %	86.7-112								

Sample Information

Client Sample ID: WQ21412:1105FRW2

York Sample ID: 12B0637-02

York Project (SDG) No.
12B0637

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 11:05 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR

Sample Information

Client Sample ID: WQ21412:1105FRW2

York Sample ID: 12B0637-02

York Project (SDG) No.
12B0637

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 11:05 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
156-59-2	cis-1,2-Dichloroethylene	0.64		ug/L	0.030	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
75-09-2	Methylene chloride	0.58	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
91-20-3	Naphthalene	0.18	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
127-18-4	Tetrachloroethylene	16		ug/L	0.054	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
79-01-6	Trichloroethylene	0.28	J	ug/L	0.067	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:04	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.6 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	92.8 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	97.8 %	86.7-112								

Sample Information

Client Sample ID: WQ21412:1110FRW3

York Sample ID: 12B0637-03

York Project (SDG) No.
12B0637

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 11:10 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
108-67-8	1,3,5-Trimethylbenzene	0.27	J	ug/L	0.038	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR

Sample Information

Client Sample ID: WQ21412:1110FRW3

York Sample ID: 12B0637-03

York Project (SDG) No.
12B0637

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 11:10 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
156-59-2	cis-1,2-Dichloroethylene	3.4		ug/L	0.030	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
100-41-4	Ethyl Benzene	0.10	J	ug/L	0.036	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
98-82-8	Isopropylbenzene	1.8		ug/L	0.090	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
75-09-2	Methylene chloride	0.38	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
91-20-3	Naphthalene	0.19	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
103-65-1	n-Propylbenzene	1.4		ug/L	0.075	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
1330-20-7P/M	p- & m- Xylenes	0.15	J	ug/L	0.086	1.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
99-87-6	p-Isopropyltoluene	0.16	J	ug/L	0.072	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
127-18-4	Tetrachloroethylene	22		ug/L	0.054	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
108-88-3	Toluene	0.10	J	ug/L	0.063	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
79-01-6	Trichloroethylene	1.3		ug/L	0.067	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
75-01-4	Vinyl Chloride	0.33	J	ug/L	0.060	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
1330-20-7	Xylenes, Total	0.15	J	ug/L	0.12	1.5	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 14:47	SR
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.8 %			75.7-121						
460-00-4	Surrogate: p-Bromofluorobenzene	87.2 %			71.3-131						
2037-26-5	Surrogate: Toluene-d8	101 %			86.7-112						

Sample Information

Client Sample ID: WQ21412:1115FRW4

York Sample ID: 12B0637-04

York Project (SDG) No.
12B0637

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 11:15 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
71-55-6	1,1,1-Trichloroethane	0.14	J	ug/L	0.043	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR

Sample Information

Client Sample ID: WQ21412:1115FRW4

York Sample ID: 12B0637-04

York Project (SDG) No.
12B0637

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
February 14, 2012 11:15 am

Date Received
02/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
156-59-2	cis-1,2-Dichloroethylene	3.3		ug/L	0.030	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
98-82-8	Isopropylbenzene	0.15	J	ug/L	0.090	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
75-09-2	Methylene chloride	0.55	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
91-20-3	Naphthalene	0.13	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
103-65-1	n-Propylbenzene	0.10	J	ug/L	0.075	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
127-18-4	Tetrachloroethylene	25		ug/L	0.054	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
79-01-6	Trichloroethylene	0.98		ug/L	0.067	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	02/27/2012 12:31	02/27/2012 15:30	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	75.7-121								
460-00-4	Surrogate: p-Bromofluorobenzene	91.1 %	71.3-131								
2037-26-5	Surrogate: Toluene-d8	106 %	86.7-112								

Analytical Batch Summary

Batch ID: BB21004

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12B0637-01	WQ21412:1100FRW1	02/27/12
12B0637-02	WQ21412:1105FRW2	02/27/12
12B0637-03	WQ21412:1110FRW3	02/27/12
12B0637-04	WQ21412:1115FRW4	02/27/12
BB21004-BLK1	Blank	02/27/12
BB21004-BS1	LCS	02/27/12
BB21004-BSD1	LCS Dup	02/27/12
BB21004-MS1	Matrix Spike	02/27/12
BB21004-MSD1	Matrix Spike Dup	02/27/12

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 BB20912 - EPA 5030B

Blank (BB20912-BLK1)

Prepared: 02/23/2012 Analyzed: 02/24/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
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	0.76	2.0	"
Naphthalene	2.5	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 BB20912 - EPA 5030B

Blank (BB20912-BLK1)

Prepared: 02/23/2012 Analyzed: 02/24/2012

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

10.4

"

10.0

104

75.7-121

Surrogate: p-Bromofluorobenzene

9.88

"

10.0

98.8

71.3-131

Surrogate: Toluene-d8

9.82

"

10.0

98.2

86.7-112

Matrix Spike (BB20912-MS1)

*Source sample: 12B0637-01 (WQ21412:1100FRW1)

Prepared: 02/23/2012 Analyzed: 02/24/2012

1,1,1,2-Tetrachloroethane	10.3	ug/L	10.0	ND	103	82-138	
1,1,1-Trichloroethane	13.3	"	10.0	ND	133	85.7-133	
1,1,2,2-Tetrachloroethane	9.56	"	10.0	ND	95.6	78.6-136	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.9	"	10.0	ND	129	74.8-131	
1,1,2-Trichloroethane	13.7	"	10.0	ND	137	82.5-129	High Bias
1,1-Dichloroethane	12.0	"	10.0	ND	120	81.4-137	
1,1-Dichloroethylene	12.2	"	10.0	ND	122	90-138	
1,1-Dichloropropylene	13.5	"	10.0	ND	135	91.7-131	High Bias
1,2,3-Trichlorobenzene	9.68	"	10.0	ND	96.8	75.9-130	
1,2,3-Trichloropropane	9.59	"	10.0	ND	95.9	77.1-140	
1,2,4-Trichlorobenzene	10.4	"	10.0	1.00	94.0	69.8-135	
1,2,4-Trimethylbenzene	10.4	"	10.0	4.30	60.7	79.4-131	Low Bias
1,2-Dibromo-3-chloropropane	9.09	"	10.0	ND	90.9	66.6-143	
1,2-Dibromoethane	10.3	"	10.0	ND	103	79.8-136	
1,2-Dichlorobenzene	9.02	"	10.0	ND	90.2	79.9-130	
1,2-Dichloroethane	10.7	"	10.0	ND	107	85-133	
1,2-Dichloropropane	11.0	"	10.0	ND	110	81.1-132	
1,3,5-Trimethylbenzene	10.4	"	10.0	1.40	90.3	76.1-121	
1,3-Dichlorobenzene	9.66	"	10.0	ND	96.6	79.1-124	
1,3-Dichloropropane	7.85	"	10.0	ND	78.5	83.3-130	Low Bias
1,4-Dichlorobenzene	9.34	"	10.0	ND	93.4	79.4-128	
2,2-Dichloropropane	9.69	"	10.0	ND	96.9	54.2-126	
2-Chlorotoluene	9.74	"	10.0	ND	97.4	60.2-144	
2-Hexanone	20.7	"	10.0	ND	207	70-130	High Bias
4-Chlorotoluene	9.74	"	10.0	ND	97.4	79.8-128	
Acetone	6.95	"	10.0	32.2	NR	70-130	Low Bias
Benzene	11.7	"	10.0	1.20	105	74.1-134	
Bromobenzene	9.21	"	10.0	ND	92.1	76.6-125	
Bromochloromethane	10.1	"	10.0	ND	101	85-133	
Bromodichloromethane	11.1	"	10.0	ND	111	80.8-143	
Bromoform	9.39	"	10.0	ND	93.9	65.8-164	
Bromomethane	10.5	"	10.0	ND	105	68.7-112	
Carbon tetrachloride	13.1	"	10.0	ND	131	85.7-138	
Chlorobenzene	10.5	"	10.0	ND	105	79.9-129	
Chloroethane	10.8	"	10.0	ND	108	74.7-127	
Chloroform	11.3	"	10.0	ND	113	50.6-145	
Chloromethane	8.31	"	10.0	ND	83.1	64-111	

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 BB20912 - EPA 5030B

Matrix Spike (BB20912-MS1)	*Source sample: 12B0637-01 (WQ21412:1100FRW1)							Prepared: 02/23/2012 Analyzed: 02/24/2012			
cis-1,2-Dichloroethylene	22.0		ug/L	10.0	8.00	140	75.5-129	High Bias			
cis-1,3-Dichloropropylene	9.43		"	10.0	ND	94.3	74.3-128				
Dibromochloromethane	9.98		"	10.0	ND	99.8	76.8-150				
Dibromomethane	10.7		"	10.0	ND	107	83.3-140				
Dichlorodifluoromethane	8.26		"	10.0	ND	82.6	51-100				
Ethyl Benzene	11.5		"	10.0	3.10	83.7	82.9-127				
Hexachlorobutadiene	10.4		"	10.0	ND	104	73-128				
Isopropylbenzene	10.6		"	10.0	ND	106	78.7-131				
Methyl tert-butyl ether (MTBE)	14.6		"	10.0	ND	146	81.2-134	High Bias			
Methylene chloride	7.70		"	10.0	17.6	NR	57.8-103	Low Bias			
Naphthalene	8.02		"	10.0	3.80	42.2	80.1-122	Low Bias			
n-Butylbenzene	10.8		"	10.0	ND	108	72.4-120				
n-Propylbenzene	10.5		"	10.0	ND	105	74-130				
o-Xylene	10.3		"	10.0	3.00	72.7	78.8-122	Low Bias			
p- & m- Xylenes	21.5		"	20.0	9.00	62.7	82.5-123	Low Bias			
p-Isopropyltoluene	10.9		"	10.0	ND	109	64.9-132				
sec-Butylbenzene	10.5		"	10.0	ND	105	25.4-151				
Styrene	10.1		"	10.0	ND	101	74.1-134				
tert-Butylbenzene	11.3		"	10.0	ND	113	79.5-171				
Tetrachloroethylene	90.2		"	10.0	65.8	244	72.5-130	High Bias			
Toluene	11.1		"	10.0	2.30	87.8	77.8-121				
trans-1,2-Dichloroethylene	11.8		"	10.0	ND	118	83.8-140				
trans-1,3-Dichloropropylene	9.59		"	10.0	ND	95.9	74.9-136				
Trichloroethylene	14.2		"	10.0	2.00	122	84.4-125				
Trichlorofluoromethane	12.3		"	10.0	ND	123	78.7-127				
Vinyl Chloride	10.6		"	10.0	ND	106	72.1-116				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.57</i>		<i>"</i>	<i>10.0</i>		<i>95.7</i>	<i>75.7-121</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.65</i>		<i>"</i>	<i>10.0</i>		<i>96.5</i>	<i>71.3-131</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>86.7-112</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
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Batch BB21004 - EPA 5030B

Blank (BB21004-BLK1)

Prepared & Analyzed: 02/27/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	0.65	2.0	"
Naphthalene	2.1	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 BB21004 - EPA 5030B

Blank (BB21004-BLK1)

Prepared & Analyzed: 02/27/2012

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	9.75	"	10.0	97.5	75.7-121
Surrogate: p-Bromofluorobenzene	9.34	"	10.0	93.4	71.3-131
Surrogate: Toluene-d8	9.79	"	10.0	97.9	86.7-112

LCS (BB21004-BS1)

Prepared & Analyzed: 02/27/2012

1,1,1,2-Tetrachloroethane	9.37	ug/L	10.0	93.7	82.3-130
1,1,1-Trichloroethane	11.4	"	10.0	114	75.6-137
1,1,2,2-Tetrachloroethane	9.08	"	10.0	90.8	71.3-131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.9	"	10.0	139	71.1-129 High Bias
1,1,2-Trichloroethane	8.13	"	10.0	81.3	74.5-129
1,1-Dichloroethane	10.8	"	10.0	108	79.6-132
1,1-Dichloroethylene	12.0	"	10.0	120	80.2-146
1,1-Dichloropropylene	8.02	"	10.0	80.2	75-136
1,2,3-Trichlorobenzene	7.36	"	10.0	73.6	66.1-136
1,2,3-Trichloropropane	8.32	"	10.0	83.2	63-131
1,2,4-Trichlorobenzene	8.48	"	10.0	84.8	70.6-136
1,2,4-Trimethylbenzene	9.88	"	10.0	98.8	75.3-135
1,2-Dibromo-3-chloropropane	8.37	"	10.0	83.7	58.9-140
1,2-Dibromoethane	9.24	"	10.0	92.4	79-130
1,2-Dichlorobenzene	9.18	"	10.0	91.8	76.1-122
1,2-Dichloroethane	9.28	"	10.0	92.8	74.6-132
1,2-Dichloropropane	9.63	"	10.0	96.3	76.9-129
1,3,5-Trimethylbenzene	10.5	"	10.0	105	70.6-127
1,3-Dichlorobenzene	9.35	"	10.0	93.5	77-124
1,3-Dichloropropane	8.25	"	10.0	82.5	75.8-126
1,4-Dichlorobenzene	9.01	"	10.0	90.1	76.6-125
2,2-Dichloropropane	12.0	"	10.0	120	69-133
2-Chlorotoluene	9.75	"	10.0	97.5	66.3-119
2-Hexanone	7.33	"	10.0	73.3	70-130
4-Chlorotoluene	9.90	"	10.0	99.0	69.2-127
Acetone	5.10	"	10.0	51.0	70-130 Low Bias
Benzene	10.9	"	10.0	109	76.2-129
Bromobenzene	9.38	"	10.0	93.8	71.3-123
Bromochloromethane	9.72	"	10.0	97.2	70.8-137
Bromodichloromethane	9.14	"	10.0	91.4	79.7-134
Bromoform	8.07	"	10.0	80.7	70.5-141
Bromomethane	10.4	"	10.0	104	43.9-147
Carbon tetrachloride	8.92	"	10.0	89.2	78.1-138
Chlorobenzene	9.57	"	10.0	95.7	80.4-125
Chloroethane	11.3	"	10.0	113	55.8-140
Chloroform	10.3	"	10.0	103	76.6-133
Chloromethane	8.40	"	10.0	84.0	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 BB21004 - EPA 5030B

LCS (BB21004-BS1)

Prepared & Analyzed: 02/27/2012

cis-1,2-Dichloroethylene	10.8		ug/L	10.0		108	75.1-128				
cis-1,3-Dichloropropylene	8.81		"	10.0		88.1	74.5-128				
Dibromochloromethane	8.51		"	10.0		85.1	79.8-134				
Dibromomethane	9.22		"	10.0		92.2	79-130				
Dichlorodifluoromethane	9.30		"	10.0		93.0	47.1-101				
Ethyl Benzene	10.7		"	10.0		107	80.8-128				
Hexachlorobutadiene	8.49		"	10.0		84.9	64.8-128				
Isopropylbenzene	11.2		"	10.0		112	75.5-135				
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	65.1-140				
Methylene chloride	7.57		"	10.0		75.7	61.3-120				
Naphthalene	8.07		"	10.0		80.7	62.3-148				
n-Butylbenzene	10.2		"	10.0		102	67.2-123				
n-Propylbenzene	10.9		"	10.0		109	70.5-127				
o-Xylene	9.64		"	10.0		96.4	75.9-122				
p- & m- Xylenes	20.4		"	20.0		102	77.7-127				
p-Isopropyltoluene	10.4		"	10.0		104	75.6-129				
sec-Butylbenzene	10.6		"	10.0		106	71.5-125				
Styrene	9.58		"	10.0		95.8	77.8-123				
tert-Butylbenzene	11.7		"	10.0		117	75.9-151				
Tetrachloroethylene	11.2		"	10.0		112	63.6-167				
Toluene	10.2		"	10.0		102	77-123				
trans-1,2-Dichloroethylene	11.4		"	10.0		114	76.3-139				
trans-1,3-Dichloropropylene	9.11		"	10.0		91.1	72.5-137				
Trichloroethylene	9.75		"	10.0		97.5	77.9-130				
Trichlorofluoromethane	12.6		"	10.0		126	57.4-133				
Vinyl Chloride	10.7		"	10.0		107	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.28</i>		<i>"</i>	<i>10.0</i>		<i>92.8</i>	<i>75.7-121</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>71.3-131</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.88</i>		<i>"</i>	<i>10.0</i>		<i>98.8</i>	<i>86.7-112</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 BB21004 - EPA 5030B											
LCS Dup (BB21004-BSD1)						Prepared & Analyzed: 02/27/2012					
1,1,1,2-Tetrachloroethane	9.70		ug/L	10.0		97.0	82.3-130		3.46	21.1	
1,1,1-Trichloroethane	11.5		"	10.0		115	75.6-137		1.14	19.7	
1,1,2,2-Tetrachloroethane	8.63		"	10.0		86.3	71.3-131		5.08	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.6		"	10.0		126	71.1-129		10.0	21.7	
1,1,2-Trichloroethane	9.33		"	10.0		93.3	74.5-129		13.7	20.3	
1,1-Dichloroethane	10.7		"	10.0		107	79.6-132		0.186	20.6	
1,1-Dichloroethylene	11.8		"	10.0		118	80.2-146		1.35	20	
1,1-Dichloropropylene	8.89		"	10.0		88.9	75-136		10.3	19.3	
1,2,3-Trichlorobenzene	7.73		"	10.0		77.3	66.1-136		4.90	21.6	
1,2,3-Trichloropropane	8.17		"	10.0		81.7	63-131		1.82	23.9	
1,2,4-Trichlorobenzene	8.01		"	10.0		80.1	70.6-136		5.70	21.7	
1,2,4-Trimethylbenzene	9.41		"	10.0		94.1	75.3-135		4.87	18.8	
1,2-Dibromo-3-chloropropane	6.88		"	10.0		68.8	58.9-140		19.5	27.7	
1,2-Dibromoethane	10.0		"	10.0		100	79-130		8.30	23	
1,2-Dichlorobenzene	8.44		"	10.0		84.4	76.1-122		8.40	19.8	
1,2-Dichloroethane	10.0		"	10.0		100	74.6-132		7.57	20.2	
1,2-Dichloropropane	10.2		"	10.0		102	76.9-129		5.94	20.7	
1,3,5-Trimethylbenzene	9.66		"	10.0		96.6	70.6-127		8.43	18.9	
1,3-Dichlorobenzene	8.62		"	10.0		86.2	77-124		8.12	19.2	
1,3-Dichloropropane	9.16		"	10.0		91.6	75.8-126		10.5	22.1	
1,4-Dichlorobenzene	8.75		"	10.0		87.5	76.6-125		2.93	18.6	
2,2-Dichloropropane	11.3		"	10.0		113	69-133		5.82	19.8	
2-Chlorotoluene	8.86		"	10.0		88.6	66.3-119		9.56	21.6	
2-Hexanone	7.77		"	10.0		77.7	70-130		5.83	30	
4-Chlorotoluene	9.36		"	10.0		93.6	69.2-127		5.61	19	
Acetone	5.16		"	10.0		51.6	70-130	Low Bias	1.17	30	
Benzene	11.0		"	10.0		110	76.2-129		0.821	19	
Bromobenzene	9.02		"	10.0		90.2	71.3-123		3.91	20.3	
Bromochloromethane	10.7		"	10.0		107	70.8-137		9.22	23.9	
Bromodichloromethane	10.4		"	10.0		104	79.7-134		13.3	21	
Bromoform	8.71		"	10.0		87.1	70.5-141		7.63	21.8	
Bromomethane	8.86		"	10.0		88.6	43.9-147		15.8	28.4	
Carbon tetrachloride	9.39		"	10.0		93.9	78.1-138		5.13	20.1	
Chlorobenzene	10.1		"	10.0		101	80.4-125		5.29	19.9	
Chloroethane	10.5		"	10.0		105	55.8-140		7.44	23.3	
Chloroform	10.6		"	10.0		106	76.6-133		2.86	20.3	
Chloromethane	7.00		"	10.0		70.0	48.8-115		18.2	24.5	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	75.1-128		2.06	20.5	
cis-1,3-Dichloropropylene	9.37		"	10.0		93.7	74.5-128		6.16	19.9	
Dibromochloromethane	9.57		"	10.0		95.7	79.8-134		11.7	21.3	
Dibromomethane	10.2		"	10.0		102	79-130		10.2	22.4	
Dichlorodifluoromethane	8.32		"	10.0		83.2	47.1-101		11.1	23.9	
Ethyl Benzene	11.1		"	10.0		111	80.8-128		3.30	19.2	
Hexachlorobutadiene	8.21		"	10.0		82.1	64.8-128		3.35	20.6	
Isopropylbenzene	10.2		"	10.0		102	75.5-135		9.29	20	
Methyl tert-butyl ether (MTBE)	4.61		"	10.0		46.1	65.1-140	Low Bias	75.7	23.6	Non-dir.
Methylene chloride	8.13		"	10.0		81.3	61.3-120		7.13	20.4	
Naphthalene	7.67		"	10.0		76.7	62.3-148		5.08	27.1	
n-Butylbenzene	9.29		"	10.0		92.9	67.2-123		9.24	19.1	
n-Propylbenzene	9.71		"	10.0		97.1	70.5-127		11.3	23.4	
o-Xylene	10.0		"	10.0		100	75.9-122		3.97	19.3	
p- & m- Xylenes	20.6		"	20.0		103	77.7-127		1.37	18.6	
p-Isopropyltoluene	9.47		"	10.0		94.7	75.6-129		9.84	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 BB21004 - EPA 5030B

LCS Dup (BB21004-BSD1)

Prepared & Analyzed: 02/27/2012

sec-Butylbenzene	9.57		ug/L	10.0		95.7	71.5-125		10.7	18.9
Styrene	10.2		"	10.0		102	77.8-123		5.97	20.9
tert-Butylbenzene	10.6		"	10.0		106	75.9-151		10.0	20.9
Tetrachloroethylene	11.1		"	10.0		111	63.6-167		0.538	27.7
Toluene	10.3		"	10.0		103	77-123		0.874	18.7
trans-1,2-Dichloroethylene	11.4		"	10.0		114	76.3-139		0.262	19.5
trans-1,3-Dichloropropylene	8.82		"	10.0		88.2	72.5-137		3.23	19.3
Trichloroethylene	10.4		"	10.0		104	77.9-130		6.16	20.5
Trichlorofluoromethane	11.7		"	10.0		117	57.4-133		7.35	21.4
Vinyl Chloride	9.39		"	10.0		93.9	54.9-124		13.2	22.3
Surrogate: 1,2-Dichloroethane-d4	9.09		"	10.0		90.9	75.7-121			
Surrogate: p-Bromofluorobenzene	9.12		"	10.0		91.2	71.3-131			
Surrogate: Toluene-d8	9.85		"	10.0		98.5	86.7-112			

Matrix Spike (BB21004-MS1)

*Source sample: 12B0637-01 (WQ21412:1100FRW1)

Prepared & Analyzed: 02/27/2012

1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0	ND	106	82-138			
1,1,1-Trichloroethane	11.8		"	10.0	ND	118	85.7-133			
1,1,2,2-Tetrachloroethane	9.20		"	10.0	ND	92.0	78.6-136			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.8		"	10.0	ND	128	74.8-131			
1,1,2-Trichloroethane	9.15		"	10.0	ND	91.5	82.5-129			
1,1-Dichloroethane	11.6		"	10.0	ND	116	81.4-137			
1,1-Dichloroethylene	11.6		"	10.0	ND	116	90-138			
1,1-Dichloropropylene	12.4		"	10.0	ND	124	91.7-131			
1,2,3-Trichlorobenzene	8.66		"	10.0	ND	86.6	75.9-130			
1,2,3-Trichloropropane	8.56		"	10.0	ND	85.6	77.1-140			
1,2,4-Trichlorobenzene	8.94		"	10.0	1.00	79.4	69.8-135			
1,2,4-Trimethylbenzene	9.47		"	10.0	4.30	51.7	79.4-131	Low Bias		
1,2-Dibromo-3-chloropropane	7.64		"	10.0	ND	76.4	66.6-143			
1,2-Dibromoethane	10.1		"	10.0	ND	101	79.8-136			
1,2-Dichlorobenzene	8.59		"	10.0	ND	85.9	79.9-130			
1,2-Dichloroethane	11.1		"	10.0	ND	111	85-133			
1,2-Dichloropropane	10.1		"	10.0	ND	101	81.1-132			
1,3,5-Trimethylbenzene	9.76		"	10.0	1.40	83.6	76.1-121			
1,3-Dichlorobenzene	9.28		"	10.0	ND	92.8	79.1-124			
1,3-Dichloropropane	9.55		"	10.0	ND	95.5	83.3-130			
1,4-Dichlorobenzene	9.10		"	10.0	ND	91.0	79.4-128			
2,2-Dichloropropane	11.1		"	10.0	ND	111	54.2-126			
2-Chlorotoluene	9.04		"	10.0	ND	90.4	60.2-144			
2-Hexanone	9.27		"	10.0	ND	92.7	70-130			
4-Chlorotoluene	9.40		"	10.0	ND	94.0	79.8-128			
Acetone	6.46		"	10.0	32.2	NR	70-130	Low Bias		
Benzene	11.6		"	10.0	1.20	104	74.1-134			
Bromobenzene	9.13		"	10.0	ND	91.3	76.6-125			
Bromochloromethane	11.2		"	10.0	ND	112	85-133			
Bromodichloromethane	10.6		"	10.0	ND	106	80.8-143			
Bromoform	8.55		"	10.0	ND	85.5	65.8-164			
Bromomethane	11.0		"	10.0	ND	110	68.7-112			
Carbon tetrachloride	12.2		"	10.0	ND	122	85.7-138			
Chlorobenzene	10.1		"	10.0	ND	101	79.9-129			
Chloroethane	10.2		"	10.0	ND	102	74.7-127			
Chloroform	11.5		"	10.0	ND	115	50.6-145			
Chloromethane	7.76		"	10.0	ND	77.6	64-111			
cis-1,2-Dichloroethylene	12.3		"	10.0	8.00	43.4	75.5-129	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
Batch BB21004 - EPA 5030B											
Matrix Spike (BB21004-MS1)	*Source sample: 12B0637-01 (WQ21412:1100FRW1)						Prepared & Analyzed: 02/27/2012				
cis-1,3-Dichloropropylene	9.17		ug/L	10.0	ND	91.7	74.3-128				
Dibromochloromethane	9.64		"	10.0	ND	96.4	76.8-150				
Dibromomethane	10.2		"	10.0	ND	102	83.3-140				
Dichlorodifluoromethane	7.95		"	10.0	ND	79.5	51-100				
Ethyl Benzene	11.0		"	10.0	3.10	79.2	82.9-127	Low Bias			
Hexachlorobutadiene	8.76		"	10.0	ND	87.6	73-128				
Isopropylbenzene	10.1		"	10.0	ND	101	78.7-131				
Methyl tert-butyl ether (MTBE)	13.4		"	10.0	ND	134	81.2-134				
Methylene chloride	8.45		"	10.0	17.6	NR	57.8-103	Low Bias			
Naphthalene	6.95		"	10.0	3.80	31.5	80.1-122	Low Bias			
n-Butylbenzene	9.41		"	10.0	ND	94.1	72.4-120				
n-Propylbenzene	9.69		"	10.0	ND	96.9	74-130				
o-Xylene	10.2		"	10.0	3.00	71.7	78.8-122	Low Bias			
p- & m- Xylenes	20.8		"	20.0	9.00	58.8	82.5-123	Low Bias			
p-Isopropyltoluene	9.48		"	10.0	ND	94.8	64.9-132				
sec-Butylbenzene	9.46		"	10.0	ND	94.6	25.4-151				
Styrene	10.3		"	10.0	ND	103	74.1-134				
tert-Butylbenzene	10.7		"	10.0	ND	107	79.5-171				
Tetrachloroethylene	16.9		"	10.0	65.8	NR	72.5-130	Low Bias			
Toluene	10.3		"	10.0	2.30	80.1	77.8-121				
trans-1,2-Dichloroethylene	11.8		"	10.0	ND	118	83.8-140				
trans-1,3-Dichloropropylene	9.71		"	10.0	ND	97.1	74.9-136				
Trichloroethylene	10.5		"	10.0	2.00	84.6	84.4-125				
Trichlorofluoromethane	11.7		"	10.0	ND	117	78.7-127				
Vinyl Chloride	9.07		"	10.0	ND	90.7	72.1-116				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>75.7-121</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.84</i>		<i>"</i>	<i>10.0</i>		<i>98.4</i>	<i>71.3-131</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.50</i>		<i>"</i>	<i>10.0</i>		<i>95.0</i>	<i>86.7-112</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 BB21004 - EPA 5030B											
Matrix Spike Dup (BB21004-MSD1)		*Source sample: 12B0637-01 (WQ21412:1100FRW1)						Prepared & Analyzed: 02/27/2012			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0	ND	101	82-138		5.32	21.3	
1,1,1-Trichloroethane	12.0		"	10.0	ND	120	85.7-133		1.60	22.6	
1,1,2,2-Tetrachloroethane	9.44		"	10.0	ND	94.4	78.6-136		2.58	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.7		"	10.0	ND	127	74.8-131		0.314	25.6	
1,1,2-Trichloroethane	9.61		"	10.0	ND	96.1	82.5-129		4.90	19.3	
1,1-Dichloroethane	11.4		"	10.0	ND	114	81.4-137		1.48	20.7	
1,1-Dichloroethylene	12.1		"	10.0	ND	121	90-138		4.64	22.9	
1,1-Dichloropropylene	10.5		"	10.0	ND	105	91.7-131		16.4	24.9	
1,2,3-Trichlorobenzene	8.43		"	10.0	ND	84.3	75.9-130		2.69	21.4	
1,2,3-Trichloropropane	8.76		"	10.0	ND	87.6	77.1-140		2.31	28	
1,2,4-Trichlorobenzene	8.97		"	10.0	1.00	79.7	69.8-135		0.377	22.5	
1,2,4-Trimethylbenzene	11.4		"	10.0	4.30	70.9	79.4-131	Low Bias	31.3	33.9	
1,2-Dibromo-3-chloropropane	7.99		"	10.0	ND	79.9	66.6-143		4.48	23.3	
1,2-Dibromoethane	10.2		"	10.0	ND	102	79.8-136		0.591	19.1	
1,2-Dichlorobenzene	8.91		"	10.0	ND	89.1	79.9-130		3.66	23.2	
1,2-Dichloroethane	11.0		"	10.0	ND	110	85-133		1.08	19.1	
1,2-Dichloropropane	10.1		"	10.0	ND	101	81.1-132		0.495	19.9	
1,3,5-Trimethylbenzene	9.89		"	10.0	1.40	84.9	76.1-121		1.54	31.2	
1,3-Dichlorobenzene	9.26		"	10.0	ND	92.6	79.1-124		0.216	22.6	
1,3-Dichloropropane	9.52		"	10.0	ND	95.2	83.3-130		0.315	20.9	
1,4-Dichlorobenzene	9.18		"	10.0	ND	91.8	79.4-128		0.875	21	
2,2-Dichloropropane	11.4		"	10.0	ND	114	54.2-126		2.94	24.5	
2-Chlorotoluene	9.24		"	10.0	ND	92.4	60.2-144		2.19	30.8	
2-Hexanone	9.96		"	10.0	ND	99.6	70-130		7.18	30	
4-Chlorotoluene	9.64		"	10.0	ND	96.4	79.8-128		2.52	23.2	
Acetone	6.64		"	10.0	32.2	NR	70-130	Low Bias	NR	30	
Benzene	11.5		"	10.0	1.20	103	74.1-134		1.25	20.8	
Bromobenzene	9.26		"	10.0	ND	92.6	76.6-125		1.41	23	
Bromochloromethane	10.8		"	10.0	ND	108	85-133		3.46	18.4	
Bromodichloromethane	10.5		"	10.0	ND	105	80.8-143		1.04	18.1	
Bromoform	8.84		"	10.0	ND	88.4	65.8-164		3.34	27.3	
Bromomethane	11.0		"	10.0	ND	110	68.7-112		0.273	22.8	
Carbon tetrachloride	11.5		"	10.0	ND	115	85.7-138		6.58	25.1	
Chlorobenzene	10.4		"	10.0	ND	104	79.9-129		2.24	21	
Chloroethane	9.96		"	10.0	ND	99.6	74.7-127		2.38	23.7	
Chloroform	11.8		"	10.0	ND	118	50.6-145		2.67	21.7	
Chloromethane	6.68		"	10.0	ND	66.8	64-111		15.0	21.4	
cis-1,2-Dichloroethylene	12.2		"	10.0	8.00	41.9	75.5-129	Low Bias	3.52	20.2	
cis-1,3-Dichloropropylene	9.39		"	10.0	ND	93.9	74.3-128		2.37	19.8	
Dibromochloromethane	10.0		"	10.0	ND	100	76.8-150		3.97	20.8	
Dibromomethane	11.0		"	10.0	ND	110	83.3-140		7.91	20.4	
Dichlorodifluoromethane	7.48		"	10.0	ND	74.8	51-100		6.09	27.6	
Ethyl Benzene	11.2		"	10.0	3.10	81.5	82.9-127	Low Bias	2.86	21.4	
Hexachlorobutadiene	8.66		"	10.0	ND	86.6	73-128		1.15	26	
Isopropylbenzene	10.5		"	10.0	ND	105	78.7-131		4.17	26.7	
Methyl tert-butyl ether (MTBE)	12.8		"	10.0	ND	128	81.2-134		4.20	21.2	
Methylene chloride	8.83		"	10.0	17.6	NR	57.8-103	Low Bias	NR	21.2	
Naphthalene	7.87		"	10.0	3.80	40.7	80.1-122	Low Bias	25.5	26.1	
n-Butylbenzene	9.77		"	10.0	ND	97.7	72.4-120		3.75	30.8	
n-Propylbenzene	10.4		"	10.0	ND	104	74-130		7.36	31	
o-Xylene	10.3		"	10.0	3.00	72.6	78.8-122	Low Bias	1.25	21	
p- & m- Xylenes	20.9		"	20.0	9.00	59.7	82.5-123	Low Bias	1.52	22.5	
p-Isopropyltoluene	9.90		"	10.0	ND	99.0	64.9-132		4.33	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 BB21004 - EPA 5030B

Matrix Spike Dup (BB21004-MSD1)		*Source sample: 12B0637-01 (WQ21412:1100FRW1)						Prepared & Analyzed: 02/27/2012			
sec-Butylbenzene	9.91		ug/L	10.0	ND	99.1	25.4-151		4.65	25.2	
Styrene	10.2		"	10.0	ND	102	74.1-134		0.0975	20	
tert-Butylbenzene	11.2		"	10.0	ND	112	79.5-171		5.20	24.8	
Tetrachloroethylene	16.8		"	10.0	65.8	NR	72.5-130	Low Bias	NR	22.7	
Toluene	10.6		"	10.0	2.30	82.5	77.8-121		2.95	21.5	
trans-1,2-Dichloroethylene	12.1		"	10.0	ND	121	83.8-140		2.76	20.1	
trans-1,3-Dichloropropylene	9.81		"	10.0	ND	98.1	74.9-136		1.02	22.5	
Trichloroethylene	10.3		"	10.0	2.00	83.0	84.4-125	Low Bias	1.91	20.7	
Trichlorofluoromethane	11.7		"	10.0	ND	117	78.7-127		0.171	24.7	
Vinyl Chloride	8.63		"	10.0	ND	86.3	72.1-116		4.97	24.9	
Surrogate: 1,2-Dichloroethane-d4	10.1		"	10.0		101	75.7-121				
Surrogate: p-Bromofluorobenzene	9.84		"	10.0		98.4	71.3-131				
Surrogate: Toluene-d8	9.80		"	10.0		98.0	86.7-112				

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.
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.

Corrective Action:

YORK

ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

Page 1 of 1

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

York Project No. 12 B0637

Client Information		Report to:		Invoice To:		Client Project ID		Turn-Around Time		Report Type/Deliverables	
Company: LBG	☒ SAME	☐	☒ SAME	Name: Tunde Sandor	Name: Mark Goldberg	Metals: RCRA8	Metals: PP13	RUSH Same Day	Summary	x, pdf	
Address: 4 Research Drive, Suite 301, Shelton CT, 06484	Name: Same	Company: Same	Address: Same	Company: Same	Company: Same	Metals: TAL	Metals: CT15	RUSH Next Day	QA/QC Summary	x, pdf	
Phone no.: 203-929-8555	Address: Same	Address: Same	Address: Same	Address: Same	Address: Same	Metals: CT15	Metals: CT15	RUSH Two Day	CT RCP Pkg		
Contact Person Tunde Sandor	Address: Same	Address: Same	Address: Same	Address: Same	Address: Same	Metals: CT15	Metals: CT15	RUSH Three Day	ASP A Pkg		
E-mail Addr.: Tsandor@lbgt.com	E-mail: Same	E-mail: Same	E-mail: Same	E-mail: Same	E-mail: Same	Metals: CT15	Metals: CT15	RUSH Four Day	ASP B Pkg	x, pdf	
FAX No.: 203-926-9140	Fax No.: Same	Fax No.: Same	Fax No.: Same	Fax No.: Same	Fax No.: Same	Metals: CT15	Metals: CT15	Standard (5-7 days)	Excel		
Print Clearly and Legibly All Information must be complete		Samples will NOT be logged in until the turn-around time block will not begin until any questions by York are resolved		Matrix Codes		Samples from: CT, NY, NJ		OTHER		x, Excel	
Samples Collected/Authorized By (Signature)		STEPHEN ANAT		Name (printed)		Samples from: CT, NY, NJ		OTHER		x, Excel	
Sample Identification		Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below		Container Description(s)					
WQ221412: 1100 FRW1	2/14/12 1100	GW	VOC 8260 full list (EPA SW846-8260B)			2v					
WQ221412: 1100 FRW1MS	1100	GW	VOC 8260 full list (EPA SW846-8260B)								
WQ221412: 1100 FRW1MSD	1100	GW	VOC 8260 full list (EPA SW846-8260B)								
WQ221412: 1105 FRW2	1105	GW	VOC 8260 full list (EPA SW846-8260B)								
WQ221412: 1110 FRW3	1110	GW	VOC 8260 full list (EPA SW846-8260B)								
WQ221412: 1115 FRW4	1115	GW	VOC 8260 full list (EPA SW846-8260B)								
Comments		Preservation "X" those applicable	Coil 4°C	HNp3	H2SO4	NaOH	FROZEN	Temperature on Receipt		4.3 °C	
								Samples Relinquished By		2/17/12 11:02	
								Samples Received By		2/17/12 15:20	
								Samples Relinquished By		2/17/12 15:20	
								Samples Received in L.A.B by			

APPENDIX III
FEBRUARY 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: 02/29/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12B0713

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 02/29/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12B0713

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 February 22, 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>
12B0713-01	AQ22112:1100NP4-1	Vapor Extraction	02/21/2012	02/22/2012
12B0713-02	AQ22112:1105NP4-2	Vapor Extraction	02/21/2012	02/22/2012
12B0713-03	AQ22112:1110NP4-3	Vapor Extraction	02/21/2012	02/22/2012

General Notes for York Project (SDG) No.: 12B0713

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

Approved By:



Date: 02/29/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: AQ22112:1100NP4-1

York Sample ID: 12B0713-01

York Project (SDG) No.

12B0713

Client Project ID

Rowe Industries

Matrix

Vapor Extraction

Collection Date/Time

February 21, 2012 11:00 am

Date Received

02/22/2012

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	20		ug/m ³	0.16	0.91	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.27	1.1	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.089	1.3	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.23	0.91	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
75-34-3	1,1-Dichloroethane	8.9		ug/m ³	0.081	0.67	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.099	0.66	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.27	1.2	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.098	4.1	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.25	1.0	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.16	0.67	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.17	0.77	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.20	1.2	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.11	1.6	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.11	0.72	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.18	1.0	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.22	1.0	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.54	6.0	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
540-84-1	2,2,4-Trimethylpentane	ND		ug/m ³	0.093	0.78	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
78-93-3	2-Butanone	ND		ug/m ³	0.20	0.49	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
591-78-6	2-Hexanone	ND		ug/m ³	0.37	1.4	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
107-05-1	3-Chloropropene	ND		ug/m ³	0.094	5.2	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.25	0.68	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
67-64-1	Acetone	7.9		ug/m ³	0.12	0.40	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
71-43-2	Benzene	ND		ug/m ³	0.080	0.53	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
100-44-7	Benzyl chloride	ND		ug/m ³	0.10	0.86	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
75-27-4	Bromodichloromethane	ND		ug/m ³	0.25	1.0	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
75-25-2	Bromoform	ND		ug/m ³	0.31	1.7	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
74-83-9	Bromomethane	ND		ug/m ³	0.078	0.65	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
75-15-0	Carbon disulfide	5.0		ug/m ³	0.062	0.52	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.13	0.52	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
108-90-7	Chlorobenzene	ND		ug/m ³	0.14	0.77	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
75-00-3	Chloroethane	ND		ug/m ³	0.053	0.44	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
67-66-3	Chloroform	4.2		ug/m ³	0.12	0.81	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
74-87-3	Chloromethane	ND		ug/m ³	0.10	0.34	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD

Sample Information

Client Sample ID: AQ22112:1100NP4-1

York Sample ID: 12B0713-01

York Project (SDG) No.
12B0713

Client Project ID
Rowe Industries

Matrix Collection Date/Time
Vapor Extraction February 21, 2012 11:00 am

Date Received
02/22/2012

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
156-59-2	cis-1,2-Dichloroethylene	3.0		ug/m ³	0.11	0.66	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.19	0.76	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
110-82-7	Cyclohexane	ND		ug/m ³	0.069	0.57	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
75-71-8	Dichlorodifluoromethane	3.1		ug/m ³	0.21	0.82	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
141-78-6	Ethyl acetate	ND		ug/m ³	0.15	0.60	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.13	0.72	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.32	1.8	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
67-63-0	Isopropanol	ND		ug/m ³	0.14	0.41	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.072	0.60	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
75-09-2	Methylene chloride	2.4	B	ug/m ³	0.14	0.58	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
142-82-5	n-Heptane	ND		ug/m ³	0.082	0.68	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
110-54-3	n-Hexane	ND		ug/m ³	0.070	0.59	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
95-47-6	o-Xylene	ND		ug/m ³	0.13	0.72	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m ³	0.25	0.72	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
622-96-8	p-Ethyltoluene	ND		ug/m ³	0.15	4.1	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
115-07-01	Propylene	ND		ug/m ³	0.13	0.29	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
100-42-5	Styrene	ND		ug/m ³	0.13	0.71	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
127-18-4	Tetrachloroethylene	49		ug/m ³	0.14	1.1	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
109-99-9	Tetrahydrofuran	ND		ug/m ³	0.12	0.49	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
108-88-3	Toluene	ND		ug/m ³	0.15	0.63	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.079	0.66	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.14	0.76	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
79-01-6	Trichloroethylene	4.0		ug/m ³	0.11	0.45	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	0.056	0.93	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
108-05-4	Vinyl acetate	ND		ug/m ³	0.088	1.2	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
593-60-2	Vinyl bromide	ND		ug/m ³	0.11	0.73	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.10	0.85	1.636	EPA TO-15	02/28/2012 09:00	02/29/2012 09:09	TD
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	70-130								

Sample Information

Client Sample ID: AQ22112:1105NP4-2

York Sample ID: 12B0713-02

York Project (SDG) No.
12B0713

Client Project ID
Rowe Industries

Matrix Collection Date/Time
Vapor Extraction February 21, 2012 11:05 am

Date Received
02/22/2012

Sample Information

Client Sample ID: AQ22112:1105NP4-2

York Sample ID: 12B0713-02

York Project (SDG) No.
12B0713

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
February 21, 2012 11:05 am

Date Received
02/22/2012

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	24		ug/m ³	0.17	0.93	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.28	1.2	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.091	1.3	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.23	0.93	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
75-34-3	1,1-Dichloroethane	11		ug/m ³	0.082	0.69	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.10	0.67	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.28	1.3	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.10	4.2	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.26	1.0	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.16	0.69	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.17	0.78	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.20	1.2	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.11	1.7	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.11	0.74	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.18	1.0	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.22	1.0	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.55	6.1	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
540-84-1	2,2,4-Trimethylpentane	ND		ug/m ³	0.095	0.79	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
78-93-3	2-Butanone	ND		ug/m ³	0.20	0.50	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
591-78-6	2-Hexanone	ND		ug/m ³	0.38	1.4	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
107-05-1	3-Chloropropene	ND		ug/m ³	0.096	5.3	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.25	0.70	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
67-64-1	Acetone	5.3		ug/m ³	0.13	0.40	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
71-43-2	Benzene	2.0		ug/m ³	0.081	0.54	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
100-44-7	Benzyl chloride	ND		ug/m ³	0.11	0.88	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
75-27-4	Bromodichloromethane	ND		ug/m ³	0.25	1.1	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
75-25-2	Bromoform	ND		ug/m ³	0.32	1.8	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
74-83-9	Bromomethane	ND		ug/m ³	0.079	0.66	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
75-15-0	Carbon disulfide	4.9		ug/m ³	0.063	0.53	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.13	0.53	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
108-90-7	Chlorobenzene	ND		ug/m ³	0.14	0.78	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
75-00-3	Chloroethane	ND		ug/m ³	0.054	0.45	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
67-66-3	Chloroform	5.1		ug/m ³	0.12	0.83	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
74-87-3	Chloromethane	ND		ug/m ³	0.11	0.35	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.11	0.67	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD

Sample Information

Client Sample ID: AQ22112:1105NP4-2

York Sample ID: 12B0713-02

York Project (SDG) No.
12B0713

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
February 21, 2012 11:05 am

Date Received
02/22/2012

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	02/28/2012 09:00	02/29/2012 09:57	TD
110-82-7	Cyclohexane	ND		ug/m ³	0.070	0.58	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
75-71-8	Dichlorodifluoromethane	3.4		ug/m ³	0.21	0.84	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
141-78-6	Ethyl acetate	ND		ug/m ³	0.15	0.61	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
100-41-4	Ethyl Benzene	2.5		ug/m ³	0.13	0.74	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.33	1.8	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
67-63-0	Isopropanol	ND		ug/m ³	0.15	0.42	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.073	0.61	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
75-09-2	Methylene chloride	4.2	B	ug/m ³	0.14	0.59	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
142-82-5	n-Heptane	ND		ug/m ³	0.083	0.70	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
110-54-3	n-Hexane	5.2		ug/m ³	0.072	0.60	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
95-47-6	o-Xylene	1.2		ug/m ³	0.13	0.74	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
1330-20-7P/M	p- & m- Xylenes	3.8		ug/m ³	0.25	0.74	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
622-96-8	p-Ethyltoluene	ND		ug/m ³	0.15	4.2	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
115-07-01	Propylene	ND		ug/m ³	0.13	0.29	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
100-42-5	Styrene	ND		ug/m ³	0.13	0.72	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
127-18-4	Tetrachloroethylene	59		ug/m ³	0.14	1.2	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
109-99-9	Tetrahydrofuran	ND		ug/m ³	0.13	0.50	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
108-88-3	Toluene	15		ug/m ³	0.15	0.64	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.081	0.67	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.14	0.77	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
79-01-6	Trichloroethylene	ND		ug/m ³	0.11	0.46	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	0.057	0.95	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
108-05-4	Vinyl acetate	ND		ug/m ³	0.090	1.2	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
593-60-2	Vinyl bromide	ND		ug/m ³	0.11	0.74	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.10	0.87	1.669	EPA TO-15	02/28/2012 09:00	02/29/2012 09:57	TD
	Surrogate Recoveries	Result			Acceptance Range						
460-00-4	Surrogate: p-Bromofluorobenzene	104 %			70-130						

Sample Information

Client Sample ID: AQ22112:1110NP4-3

York Sample ID: 12B0713-03

York Project (SDG) No.
12B0713

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
February 21, 2012 11:10 am

Date Received
02/22/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: AQ22112:1110NP4-3

York Sample ID: 12B0713-03

York Project (SDG) No.
12B0713

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
February 21, 2012 11:10 am

Date Received
02/22/2012

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	4.6		ug/m ³	0.17	0.94	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.28	1.2	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.092	1.3	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.23	0.94	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
75-34-3	1,1-Dichloroethane	12		ug/m ³	0.084	0.70	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.10	0.68	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.28	1.3	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.10	4.2	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.26	1.0	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.17	0.70	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.17	0.79	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.20	1.2	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.11	1.7	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.11	0.75	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.19	1.0	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.23	1.0	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.56	6.2	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
540-84-1	2,2,4-Trimethylpentane	ND		ug/m ³	0.096	0.80	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
78-93-3	2-Butanone	ND		ug/m ³	0.20	0.51	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
591-78-6	2-Hexanone	ND		ug/m ³	0.39	1.4	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
107-05-1	3-Chloropropene	ND		ug/m ³	0.097	5.4	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.25	0.70	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
67-64-1	Acetone	13		ug/m ³	0.13	0.41	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
71-43-2	Benzene	ND		ug/m ³	0.082	0.55	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
100-44-7	Benzyl chloride	ND		ug/m ³	0.11	0.89	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
75-27-4	Bromodichloromethane	ND		ug/m ³	0.26	1.1	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
75-25-2	Bromoform	ND		ug/m ³	0.32	1.8	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
74-83-9	Bromomethane	ND		ug/m ³	0.080	0.67	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
75-15-0	Carbon disulfide	4.8		ug/m ³	0.064	0.54	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.13	0.54	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
108-90-7	Chlorobenzene	ND		ug/m ³	0.14	0.79	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
75-00-3	Chloroethane	ND		ug/m ³	0.054	0.45	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
67-66-3	Chloroform	2.9		ug/m ³	0.13	0.84	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
74-87-3	Chloromethane	ND		ug/m ³	0.11	0.36	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.12	0.68	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.20	0.78	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD

Sample Information

Client Sample ID: AQ22112:1110NP4-3

York Sample ID: 12B0713-03

York Project (SDG) No.
12B0713

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
February 21, 2012 11:10 am

Date Received
02/22/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/m ³	0.071	0.59	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
75-71-8	Dichlorodifluoromethane	3.8		ug/m ³	0.21	0.85	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
141-78-6	Ethyl acetate	ND		ug/m ³	0.15	0.62	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
100-41-4	Ethyl Benzene	1.6		ug/m ³	0.13	0.75	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.33	1.8	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
67-63-0	Isopropanol	ND		ug/m ³	0.15	0.42	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.074	0.62	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
75-09-2	Methylene chloride	3.0	B	ug/m ³	0.14	0.60	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
142-82-5	n-Heptane	ND		ug/m ³	0.085	0.70	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
110-54-3	n-Hexane	2.7		ug/m ³	0.073	0.61	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
95-47-6	o-Xylene	1.1		ug/m ³	0.13	0.75	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
1330-20-7P/M	p- & m- Xylenes	3.1		ug/m ³	0.25	0.75	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
622-96-8	p-Ethyltoluene	ND		ug/m ³	0.15	4.2	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
115-07-01	Propylene	ND		ug/m ³	0.14	0.30	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
100-42-5	Styrene	ND		ug/m ³	0.13	0.73	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.14	1.2	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
109-99-9	Tetrahydrofuran	ND		ug/m ³	0.13	0.51	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
108-88-3	Toluene	6.9		ug/m ³	0.16	0.65	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.082	0.68	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.14	0.78	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
79-01-6	Trichloroethylene	ND		ug/m ³	0.11	0.46	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	0.058	0.97	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
108-05-4	Vinyl acetate	ND		ug/m ³	0.091	1.2	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
593-60-2	Vinyl bromide	ND		ug/m ³	0.11	0.75	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.11	0.88	1.691	EPA TO-15	02/28/2012 09:00	02/29/2012 11:52	TD
	Surrogate Recoveries	Result		Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	93.0 %		70-130							

Analytical Batch Summary

Batch ID: BB21133

Preparation Method: EPA TO15 PREP

Prepared By: TD

YORK Sample ID	Client Sample ID	Preparation Date
12B0713-01	AQ22112:1100NP4-1	02/28/12
12B0713-02	AQ22112:1105NP4-2	02/28/12
12B0713-03	AQ22112:1110NP4-3	02/28/12
BB21133-BLK1	Blank	02/28/12
BB21133-BS1	LCS	02/28/12

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 BB21133 - EPA TO15 PREP

Blank (BB21133-BLK1)

Prepared & Analyzed: 02/28/2012

Vinyl Chloride	ND	0.52	ug/m ³
Vinyl bromide	ND	0.44	"
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	0.99	0.35	"
Methyl tert-butyl ether (MTBE)	ND	0.37	"
4-Methyl-2-pentanone	ND	0.42	"
Isopropanol	ND	0.25	"
Hexachlorobutadiene	ND	1.1	"
Ethyl Benzene	ND	0.44	"
Ethyl acetate	ND	0.37	"
Cyclohexane	ND	0.35	"
cis-1,3-Dichloropropylene	ND	0.46	"
cis-1,2-Dichloroethylene	ND	0.40	"
Chloromethane	ND	0.21	"
Chloroform	ND	0.50	"
Chloroethane	ND	0.27	"
Carbon tetrachloride	ND	0.32	"
Carbon disulfide	ND	0.32	"
Bromomethane	ND	0.39	"
Bromoform	ND	1.1	"
Bromodichloromethane	ND	0.63	"
Benzyl chloride	ND	0.53	"
Benzene	ND	0.32	"
Acetone	ND	0.24	"
3-Chloropropene	ND	3.2	"
2-Hexanone	ND	0.83	"
2-Butanone	ND	0.30	"
2,2,4-Trimethylpentane	ND	0.48	"
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	"

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 BB21133 - EPA TO15 PREP											
Blank (BB21133-BLK1)						Prepared & Analyzed: 02/28/2012					
Trichlorofluoromethane (Freon 11)	ND	0.57	ug/m ³								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								
1,1,2,2-Tetrachloroethane	ND	0.70	"								
Dichlorodifluoromethane	ND	0.50	"								
1,1,1-Trichloroethane	ND	0.55	"								
Chlorobenzene	ND	0.47	"								
<i>Surrogate: p-Bromofluorobenzene</i>	8.74		ppbv	10.0		87.4	70-130				
LCS (BB21133-BS1)						Prepared & Analyzed: 02/28/2012					
Vinyl Chloride	10.7		ppbv	11.6		92.4	70-130				
Vinyl bromide	14.5		"	11.0		132	56.7-132				
Vinyl acetate	11.0		"	11.1		99.2	58.1-135				
Trichloroethylene	10.6		"	10.5		100	70-130				
trans-1,3-Dichloropropylene	13.1		"	11.1		118	62-135				
trans-1,2-Dichloroethylene	12.7		"	11.1		114	58.3-130				
Toluene	11.3		"	11.1		102	64.9-126				
Tetrahydrofuran	12.1		"	11.2		108	44.6-146				
Tetrachloroethylene	12.3		"	10.9		113	70-130				
Styrene	13.0		"	11.3		115	66.4-132				
Propylene	13.3		"	11.0		121	62.4-150				
p-Ethyltoluene	13.1		"	11.1		118	73.8-146				
p- & m- Xylenes	23.4		"	22.3		105	56.6-136				
o-Xylene	11.7		"	11.0		106	67.8-133				
n-Hexane	12.4		"	10.9		114	59.7-130				
n-Heptane	11.7		"	11.0		107	62.3-134				
Methylene chloride	9.32		"	11.1		84.0	62.6-130				
Methyl tert-butyl ether (MTBE)	13.6		"	11.3		120	60.7-139				
4-Methyl-2-pentanone	8.66		"	11.4		76.0	64.5-158				
Isopropanol	12.4		"	11.5		107	60-150				
Hexachlorobutadiene	12.2		"	11.2		109	61.2-150				
Ethyl Benzene	11.4		"	11.1		103	68.4-125				
Ethyl acetate	13.5		"	11.4		118	40.6-150				
Cyclohexane	12.4		"	10.9		113	60.4-127				
cis-1,3-Dichloropropylene	12.0		"	11.0		110	65.5-129				
cis-1,2-Dichloroethylene	10.6		"	10.8		98.1	51.3-118				
Chloromethane	12.6		"	11.0		115	64.9-130				
Chloroform	12.6		"	11.3		111	65.1-130				
Chloroethane	12.3		"	11.0		112	52.1-131				
Carbon tetrachloride	13.2		"	10.5		125	70-130				
Carbon disulfide	13.6		"	11.2		121	61.8-111	High Bias			
Bromomethane	14.2		"	11.0		130	60.1-140				
Bromoform	13.8		"	10.8		127	58.7-150				
Bromodichloromethane	11.7		"	11.0		106	65.3-127				
Benzyl chloride	12.6		"	10.8		116	62.5-150				
Benzene	11.2		"	10.9		103	69.5-130				
Acetone	14.3		"	11.5		125	55.3-133				
3-Chloropropene	12.2		"	10.8		113	61.2-158				
2-Hexanone	7.99		"	11.4		70.1	52-150				
2-Butanone	12.9		"	11.3		114	28.5-154				
2,2,4-Trimethylpentane	12.0		"	11.1		108	64.7-118				
1,4-Dioxane	7.52		"	11.6		64.8	50-150				
1,4-Dichlorobenzene	13.2		"	11.7		113	62.5-139				

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 BB21133 - EPA TO15 PREP

LCS (BB21133-BS1)

Prepared & Analyzed: 02/28/2012

1,3-Dichlorobenzene	12.9		ppbv	10.6		122	71.9-153				
1,3-Butadiene	12.7		"	11.0		116	66.7-127				
1,3,5-Trimethylbenzene	12.9		"	11.0		117	65-152				
1,2-Dichlorotetrafluoroethane	13.2		"	11.0		120	63.3-129				
1,2-Dichloropropane	10.4		"	10.8		95.8	21.3-152				
1,2-Dichloroethane	12.6		"	11.1		114	51.2-124				
1,2-Dichlorobenzene	11.6		"	11.1		104	63.7-148				
1,2,4-Trimethylbenzene	12.5		"	11.1		112	67.9-152				
1,2,4-Trichlorobenzene	11.5		"	10.7		108	58-147				
1,1-Dichloroethylene	12.8		"	11.1		115	58.1-130				
1,1-Dichloroethane	12.5		"	11.2		112	63.3-130				
Trichlorofluoromethane (Freon 11)	13.2		"	11.2		118	56-132				
1,1,2-Trichloroethane	12.0		"	11.1		108	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.0		"	11.0		119	60.2-125				
1,1,2,2-Tetrachloroethane	11.8		"	11.0		107	63.7-132				
1,1,1-Trichloroethane	13.2		"	11.0		120	58.2-126				
Dichlorodifluoromethane	13.5		"	11.0		123	62.8-133				
Chlorobenzene	11.6		"	11.3		103	67.6-122				
Surrogate: <i>p</i> -Bromofluorobenzene	10.2		"	10.0		102	70-130				

Notes and Definitions

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

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

Corrective Action:

Field Chain-of-Custody Record - AIR

Page 1 of 1

ANALYTICAL LABORATORIES, INC.

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

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 B0713

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>	RUSH - Same Day	☐	Summary Report	<u>X</u>	Summary w/ QA Summary	<u>X</u>	Summary Report	<u>X</u>
Address: <u>4 Research Dr, Suite 301</u>	Address: _____	Address: _____	Address: _____	RUSH - Next Day	☐	CT RCP Package	☐	CT RCP Package	☐	Summary w/ QA Summary	<u>X</u>
City: <u>Shelton, CT 06484</u>	City: _____	City: _____	City: _____	RUSH - Two Day	☐	NY ASP A Package	☐	NY ASP A Package	☐	CT RCP Package	☐
Phone No: <u>203-929-8555</u>	Phone No: _____	Phone No: _____	Phone No: _____	RUSH - Three Day	☐	NY ASP B/CLP Pkg	☐	NY ASP B/CLP Pkg	☐	NY ASP A Package	☐
Contact Person: <u>Tunde Sander</u>	Attention: _____	Attention: _____	Attention: _____	RUSH - Four Day	☐	NIDEF Reduced	☐	NIDEF Reduced	☐	NY ASP B/CLP Pkg	☐
E-Mail Address: <u>TSander@LBGCT.com</u>	E-Mail Address: _____	E-Mail Address: _____	E-Mail Address: _____	Standard(5-7 Days)	☒	Electronic Deliverables:	☐	Electronic Deliverables:	☐	NIDEF Reduced	☐
						EDD (Specify Type)	☐	EDD (Specify Type)	☐	Standard Excl	☐
						Samples from CT	<u>NY</u>	Samples from CT	<u>NY</u>	Standard Excl	☒
										Standard Excl	☐

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.

Collected/Authorized By (

Samples Collected/Authorized By (Signature)

STEPHEN HWAT

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

Detection Limits Required	
$\leq 1 \text{ ug/m}^3$	
NYSDDEC VI Limits	
(VI - major violations)	
NJDEP low level	
Routine Survey	
Other	

Special Instructions

[illegible]

Comments

Samples Relinquished By Dawoodi Vendi Date/Time 2/23/12 10:15

Samples Received By Ther. C Date/Time 2-22-12 10:15
 Samples Received in LAB by franc Date/Time 2/22/12 1600