TABLE 2

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

Effluent Water Quality Results

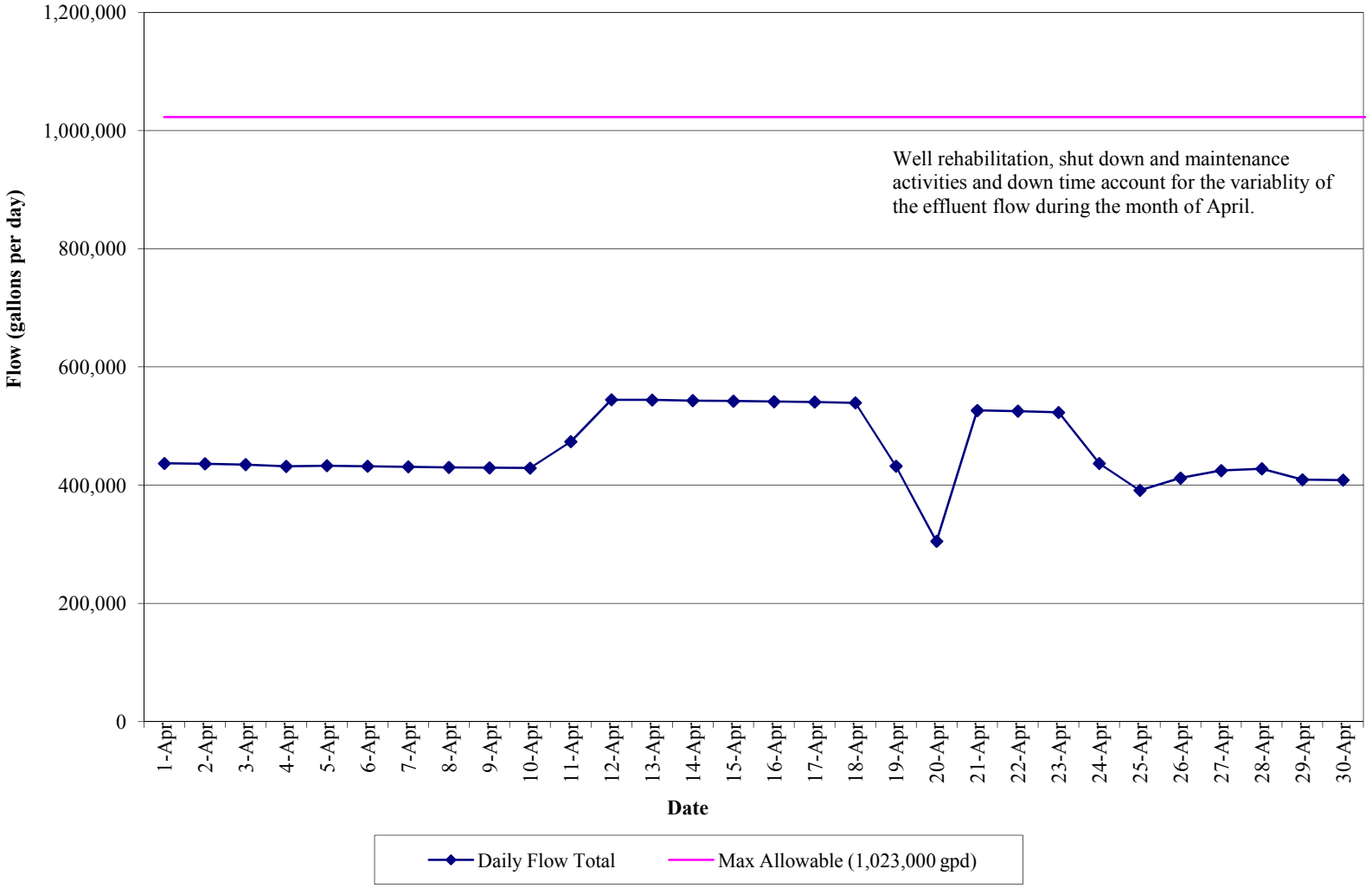
Date Sampled [2/]	pH [1/]	TDS (mg/l)	PCE (ug/l)	1,1,1-TCA (ug/l)	TCE (ug/l)	1,1-DCA (ug/l)	1,1-DCE (ug/l)	cis-1,2-DCE (ug/l)	trans-1,2-DCE (ug/l)	Xylene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Methylene Chloride (ug/l)	Freon 113 (ug/l)	Naphthalene (ug/l)	Chloroform (ug/l)	Total Iron (mg/l)	Dissolved Iron (mg/l)
SPDES Limits	**5.0 to 8.5**	**---**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**---**	**10**	**7**	**---**	**---**
3-Apr-12	6.3	100	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.37 J,B	ND<0.5	ND<2	ND<0.5	0.43	0.092
10-Apr-12	6.7	106	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.61 J,B	ND<0.5	ND<2	ND<0.5	12.50	0.201
19-Apr-12	5.3	102	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<2	ND<0.5	2.91	0.141
23-Apr-12	6.8	136	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.63 J,B	ND<0.5	ND<2	ND<0.5	1.47	0.018

SPDES: State Pollutant Discharge Elimination System
mg/l: Milligrams per liter
ug/l: Micrograms per liter
----: Not established
NM: Not Measured
TDS: Total dissolved solids
PCE: Tetrachloroethylene
1,1,1-TCA: 1,1,1-Trichloroethane
TCE: Trichloroethene
1,1-DCA: 1,1-Dichlorothane
1,1-DCE: 1,1-Dichloroethene
cis-1,2-DCE: cis-1,2-Dichloroethene
trans-1,2,-DCE: trans-1,2-Dichloroethene
ND: Not Detected
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:
1. Based on the SPDES criteria from an NYSDEC letter dated on October 21, 2011, the new allowable pH range for the Rowe Site is between 5.0 and 8.5. The pH was obtained from the electronic pH meter installed in the effluent transfer tank.
2. "Effluent" samples were collected from sample port labeled NP2-10 unless otherwise noted.

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

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



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

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

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

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

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 04, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12D0211-01	WQ4312:1050NP2-6	Water	04/03/2012	04/04/2012
12D0211-02	WQ4312:1055NP2-7	Water	04/03/2012	04/04/2012
12D0213-01	WQ4312:1100NP2-10	Water	04/03/2012	04/04/2012

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

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

Approved By:  **Date:** 04/12/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: **WQ4312:1050NP2-6** **York Sample ID:** **12D0211-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0211	Rowe Industries	Water	April 3, 2012 10:50 am	04/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
71-55-6	**1,1,1-Trichloroethane**	**0.88**		ug/L	0.043	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
75-34-3	**1,1-Dichloroethane**	**0.44**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS

Sample Information

Client Sample ID: WQ4312:1050NP2-6 **York Sample ID:** 12D0211-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0211	Rowe Industries	Water	April 3, 2012 10:50 am	04/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
67-66-3	**Chloroform**	**0.22**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
74-87-3	**Chloromethane**	**0.11**	J	ug/L	0.045	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
156-59-2	**cis-1,2-Dichloroethylene**	**0.13**	J	ug/L	0.030	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
75-09-2	**Methylene chloride**	**0.38**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
127-18-4	**Tetrachloroethylene**	**1.7**		ug/L	0.054	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
79-01-6	**Trichloroethylene**	**0.17**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 17:21	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.9 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*95.7 %*	*81.2-127*

Sample Information

Client Sample ID: WQ4312:1050NP2-6 **York Sample ID:** 12D0211-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0211	Rowe Industries	Water	April 3, 2012 10:50 am	04/04/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.121**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/10/2012 15:44	04/10/2012 18:18	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

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

Sample Information

Client Sample ID: WQ4312:1055NP2-7 **York Sample ID:** 12D0211-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0211	Rowe Industries	Water	April 3, 2012 10:55 am	04/04/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS

Sample Information

Client Sample ID: WQ4312:1055NP2-7 **York Sample ID:** 12D0211-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0211	Rowe Industries	Water	April 3, 2012 10:55 am	04/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
74-87-3	**Chloromethane**	**0.16**	J	ug/L	0.045	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
124-48-1	**Dibromochloromethane**	**0.11**	J	ug/L	0.040	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
75-09-2	**Methylene chloride**	**0.35**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS

Sample Information

Client Sample ID: WQ4312:1055NP2-7 **York Sample ID:** 12D0211-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0211	Rowe Industries	Water	April 3, 2012 10:55 am	04/04/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:03	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.3 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.5 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*95.4 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

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

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

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

Sample Information

Client Sample ID: WQ4312:1100NP2-10 **York Sample ID:** 12D0213-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0213	Rowe Industries	Water	April 3, 2012 11:00 am	04/04/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS

Sample Information

Client Sample ID: WQ4312:1100NP2-10 **York Sample ID:** 12D0213-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0213	Rowe Industries	Water	April 3, 2012 11:00 am	04/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
591-78-6	**2-Hexanone**	**0.16**	J	ug/L	0.089	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
75-25-2	**Bromoform**	**0.21**	J	ug/L	0.10	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
74-87-3	**Chloromethane**	**0.14**	J	ug/L	0.045	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
124-48-1	**Dibromochloromethane**	**0.11**	J	ug/L	0.040	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS

Sample Information

Client Sample ID: WQ4312:1100NP2-10 **York Sample ID:** 12D0213-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0213	Rowe Industries	Water	April 3, 2012 11:00 am	04/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
75-09-2	**Methylene chloride**	**0.37**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/05/2012 08:01	04/09/2012 18:46	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.0 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*92.6 %*	*81.2-127*

Sample Information

Client Sample ID: WQ4312:1100NP2-10 **York Sample ID:** 12D0213-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0213	Rowe Industries	Water	April 3, 2012 11:00 am	04/04/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0920**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/10/2012 15:44	04/10/2012 19:00	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.432**		mg/L	0.00550	0.0100	1	EPA 200.7	04/10/2012 15:44	04/10/2012 19:05	MW

Total Dissolved Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**100**		mg/L	1.00	1.00	1	SM 2540C	04/10/2012 16:09	04/10/2012 16:09	AMC

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

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

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

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

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

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

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

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20258 - EPA 5030B											
Blank (BD20258-BLK1)											Prepared & Analyzed: 04/09/2012
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	2.0	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	0.95	2.0	"								
Naphthalene	0.51	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20258 - EPA 5030B											
Blank (BD20258-BLK1)								Prepared & Analyzed: 04/09/2012			
sec-Butylbenzene	ND	0.50	ug/L								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*11.0*		*"*	*10.0*		*110*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.40*		*"*	*10.0*		*94.0*	*63.5-145*				
Surrogate: Toluene-d8	*9.03*		*"*	*10.0*		*90.3*	*81.2-127*				
LCS (BD20258-BS1)								Prepared & Analyzed: 04/09/2012			
1,1,1,2-Tetrachloroethane	9.48		ug/L	10.0		94.8	82.3-130				
1,1,1-Trichloroethane	9.87		"	10.0		98.7	75.6-137				
1,1,2,2-Tetrachloroethane	8.38		"	10.0		83.8	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.99		"	10.0		89.9	71.1-129				
1,1,2-Trichloroethane	9.50		"	10.0		95.0	74.5-129				
1,1-Dichloroethane	10.6		"	10.0		106	79.6-132				
1,1-Dichloroethylene	9.99		"	10.0		99.9	80.2-146				
1,1-Dichloropropylene	14.1		"	10.0		141	75-136	High Bias			
1,2,3-Trichlorobenzene	9.41		"	10.0		94.1	66.1-136				
1,2,3-Trichloropropane	8.47		"	10.0		84.7	63-131				
1,2,4-Trichlorobenzene	9.65		"	10.0		96.5	70.6-136				
1,2,4-Trimethylbenzene	8.23		"	10.0		82.3	75.3-135				
1,2-Dibromo-3-chloropropane	8.05		"	10.0		80.5	58.9-140				
1,2-Dibromoethane	10.3		"	10.0		103	79-130				
1,2-Dichlorobenzene	8.49		"	10.0		84.9	76.1-122				
1,2-Dichloroethane	11.4		"	10.0		114	74.6-132				
1,2-Dichloropropane	9.45		"	10.0		94.5	76.9-129				
1,3,5-Trimethylbenzene	7.97		"	10.0		79.7	70.6-127				
1,3-Dichlorobenzene	8.19		"	10.0		81.9	77-124				
1,3-Dichloropropane	9.31		"	10.0		93.1	75.8-126				
1,4-Dichlorobenzene	8.50		"	10.0		85.0	76.6-125				
2,2-Dichloropropane	11.2		"	10.0		112	69-133				
2-Chlorotoluene	8.10		"	10.0		81.0	66.3-119				
2-Hexanone	9.32		"	10.0		93.2	70-130				
4-Chlorotoluene	8.35		"	10.0		83.5	69.2-127				
Acetone	3.18		"	10.0		31.8	70-130	Low Bias			
Benzene	10.1		"	10.0		101	76.2-129				
Bromobenzene	8.24		"	10.0		82.4	71.3-123				
Bromochloromethane	10.8		"	10.0		108	70.8-137				
Bromodichloromethane	9.93		"	10.0		99.3	79.7-134				
Bromoform	9.22		"	10.0		92.2	70.5-141				
Bromomethane	10.6		"	10.0		106	43.9-147				
Carbon tetrachloride	13.3		"	10.0		133	78.1-138				
Chlorobenzene	9.09		"	10.0		90.9	80.4-125				
Chloroethane	8.70		"	10.0		87.0	55.8-140				
Chloroform	10.0		"	10.0		100	76.6-133				
Chloromethane	7.15		"	10.0		71.5	48.8-115				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20258 - EPA 5030B											
LCS (BD20258-BS1)							Prepared & Analyzed: 04/09/2012				
cis-1,2-Dichloroethylene	10.3		ug/L	10.0		103	75.1-128				
cis-1,3-Dichloropropylene	9.18		"	10.0		91.8	74.5-128				
Dibromochloromethane	9.99		"	10.0		99.9	79.8-134				
Dibromomethane	10.5		"	10.0		105	79-130				
Dichlorodifluoromethane	7.22		"	10.0		72.2	47.1-101				
Ethyl Benzene	9.06		"	10.0		90.6	80.8-128				
Hexachlorobutadiene	8.00		"	10.0		80.0	64.8-128				
Isopropylbenzene	8.14		"	10.0		81.4	75.5-135				
Methyl tert-butyl ether (MTBE)	9.74		"	10.0		97.4	65.1-140				
Methylene chloride	6.52		"	10.0		65.2	61.3-120				
Naphthalene	8.83		"	10.0		88.3	62.3-148				
n-Butylbenzene	7.58		"	10.0		75.8	67.2-123				
n-Propylbenzene	7.61		"	10.0		76.1	70.5-127				
o-Xylene	8.75		"	10.0		87.5	75.9-122				
p- & m- Xylenes	17.8		"	20.0		89.2	77.7-127				
p-Isopropyltoluene	7.86		"	10.0		78.6	75.6-129				
sec-Butylbenzene	7.50		"	10.0		75.0	71.5-125				
Styrene	9.04		"	10.0		90.4	77.8-123				
tert-Butylbenzene	8.56		"	10.0		85.6	75.9-151				
Tetrachloroethylene	8.79		"	10.0		87.9	63.6-167				
Toluene	8.59		"	10.0		85.9	77-123				
trans-1,2-Dichloroethylene	9.71		"	10.0		97.1	76.3-139				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137				
Trichloroethylene	8.55		"	10.0		85.5	77.9-130				
Trichlorofluoromethane	9.11		"	10.0		91.1	57.4-133				
Vinyl Chloride	8.11		"	10.0		81.1	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*11.1*		*"*	*10.0*		*111*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.42*		*"*	*10.0*		*94.2*	*63.5-145*				
Surrogate: Toluene-d8	*9.06*		*"*	*10.0*		*90.6*	*81.2-127*				

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

York Analytical Laboratories, Inc.

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

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20258 - EPA 5030B											
LCS Dup (BD20258-BSD1)							Prepared & Analyzed: 04/09/2012				
sec-Butylbenzene	8.21		ug/L	10.0		82.1	71.5-125		9.04	18.9	
Styrene	10.1		"	10.0		101	77.8-123		10.7	20.9	
tert-Butylbenzene	8.98		"	10.0		89.8	75.9-151		4.79	20.9	
Tetrachloroethylene	11.0		"	10.0		110	63.6-167		22.7	27.7	
Toluene	9.52		"	10.0		95.2	77-123		10.3	18.7	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	76.3-139		12.7	19.5	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	72.5-137		1.76	19.3	
Trichloroethylene	9.65		"	10.0		96.5	77.9-130		12.1	20.5	
Trichlorofluoromethane	10.9		"	10.0		109	57.4-133		17.7	21.4	
Vinyl Chloride	9.65		"	10.0		96.5	54.9-124		17.3	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.26*		*"*	*10.0*		*92.6*	*63.5-145*				
Surrogate: Toluene-d8	*9.21*		*"*	*10.0*		*92.1*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20352 - EPA 3010A											
Blank (BD20352-BLK1)									Prepared & Analyzed: 04/10/2012		
Iron	ND	0.0100	mg/L								
Reference (BD20352-SRM1)									Prepared & Analyzed: 04/10/2012		
Iron	0.628	0.0100	mg/L	0.589		107	87.9-113				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20352 - EPA 3010A											
Blank (BD20352-BLK1)									Prepared & Analyzed: 04/10/2012		
Iron	ND	0.0100	mg/L								
Reference (BD20352-SRM1)									Prepared & Analyzed: 04/10/2012		
Iron	0.628	0.0100	mg/L	0.589		107	87.9-113				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20243 - % Solids Prep											
Blank (BD20243-BLK1)								Prepared & Analyzed: 04/10/2012			
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BD20243-DUP1)	*Source sample: 12D0213-01 (WQ4312:1100NP2-10)							Prepared & Analyzed: 04/10/2012			
Total Dissolved Solids	97.0	1.00	mg/L		100				3.05	15	

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ANALYTICAL LABORATORIES, INC.

Notes and Definitions

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

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

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

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

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

NR — Not reported

RPD — Relative Percent Difference

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

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

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

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

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

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

Field Chain-of-Custody Record

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

York Project No. 12D0211

YOUR Information
Company: LBG
Address: 4 Research Dr, Suite 301 Shelton, CT 06484
Phone No. 203-929-8555
Contact Person. Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
HABSA6.

Samples from: CT ___ NY X NJ ___

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

Report Type
Summary Report X, pdf
Summary w/ QA Summary X, pdf
CT RCP Package ___
CTRCP DQA/DUE Pkg ___
NY ASP A Package ___
NY ASP B Package NP2-100MW, pdf.
NJDEP Red. Deliv. ___

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

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

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Volatiles	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Instr. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ4312:1050NP2-6	4/2/12 1050	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus Freon 113	2v 2p
WQ4312:1055NP2-7	↓ 1055	GW	↓	2v 2p
WQ4312:1100NP2-10	↓ 1100	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus Freon 113 / TDS (SM 2540c)	2v 3p

Comments

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

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By — Date/Time: 4/4/12 1240
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time: 4/4/12 12:40
Samples Received in LAB by — Date/Time: 4/4/12-1600

Temperature on Receipt: 4.4 °C

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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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. 12D0213

YOUR Information
Company: LBG
Address: 4 Research Dr Suite 301 Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGLT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
NABSAG.

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐

Samples from: CT ___ NY X NJ ___
Standard(5-7 Days) X

Report Type
Summary Report X, pdf
Summary w/ QA Summary X, pdf
CT RCP Package ___
CTRCP DQA/DUE Pkg ___
NY ASP A Package ___
NY ASP B Package NP2-100MW, pdf.
NJDEP Red. Deliv. ___

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

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

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

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Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
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TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded Multi-Discharge Permit	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ4312 : 1050NP2-6	4/3/12 1050	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus from 113	2V 2P
WQ4312 : 1055NP2-7	1055	GW		2V 2P
WQ4312 : 1100NP2-10	1100	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus from 113 / TOC (SM 2540C)	2V 3P

Comments

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

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
Zn Ac ___ Ascorbic Acid ___ Other ___

Samples Relinquished By — Date/Time: 4/4/12 1240
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time: 4/4 12:40
Samples Received in LAB by — Date/Time: 4/4/12-1600

Temperature on Receipt: 4.4 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

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

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

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 12, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12D0443-01	WQ41012:1340NP2-10	Water	04/10/2012	04/12/2012
12D0444-01	WQ41012:1330NP2-6	Water	04/10/2012	04/12/2012
12D0444-02	WQ41012:1335NP2-7	Water	04/10/2012	04/12/2012

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

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

Approved By: 

Date: 04/19/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ41012:1340NP2-10 **York Sample ID:** 12D0443-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0443	Rowe Industries	Water	April 10, 2012 1:40 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS

Sample Information

Client Sample ID: WQ41012:1340NP2-10 **York Sample ID:** 12D0443-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0443	Rowe Industries	Water	April 10, 2012 1:40 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
75-09-2	**Methylene chloride**	**0.61**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 03:51	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.1 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81.2-127*

Sample Information

Client Sample ID: WQ41012:1340NP2-10 **York Sample ID:** 12D0443-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0443	Rowe Industries	Water	April 10, 2012 1:40 pm	04/12/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.201**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/16/2012 16:02	04/16/2012 20:38	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**12.5**		mg/L	0.00550	0.0100	1	EPA 200.7	04/16/2012 16:02	04/16/2012 21:08	MW

Total Dissolved Solids

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

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: WQ41012:1330NP2-6 **York Sample ID:** 12D0444-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0444	Rowe Industries	Water	April 10, 2012 1:30 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
71-55-6	**1,1,1-Trichloroethane**	**0.54**		ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
75-34-3	**1,1-Dichloroethane**	**0.31**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS

Sample Information

Client Sample ID: WQ41012:1330NP2-6 **York Sample ID:** 12D0444-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0444	Rowe Industries	Water	April 10, 2012 1:30 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
67-66-3	**Chloroform**	**0.15**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
75-09-2	**Methylene chloride**	**0.38**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
91-20-3	**Naphthalene**	**0.12**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS

Sample Information

Client Sample ID: WQ41012:1330NP2-6 **York Sample ID:** 12D0444-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0444	Rowe Industries	Water	April 10, 2012 1:30 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
127-18-4	**Tetrachloroethylene**	**1.3**		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
79-01-6	**Trichloroethylene**	**0.14**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 04:33	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.6 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.0 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.1 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.103**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/16/2012 16:02	04/16/2012 21:26	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

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

Sample Information

Client Sample ID: WQ41012:1335NP2-7 **York Sample ID:** 12D0444-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0444	Rowe Industries	Water	April 10, 2012 1:35 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS

Sample Information

Client Sample ID: WQ41012:1335NP2-7 **York Sample ID:** 12D0444-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0444	Rowe Industries	Water	April 10, 2012 1:35 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS

Sample Information

Client Sample ID: WQ41012:1335NP2-7 **York Sample ID:** 12D0444-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0444	Rowe Industries	Water	April 10, 2012 1:35 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
75-09-2	**Methylene chloride**	**0.40**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
91-20-3	**Naphthalene**	**0.13**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 16:59	04/17/2012 05:16	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81.2-127*

Sample Information

Client Sample ID: WQ41012:1335NP2-7 **York Sample ID:** 12D0444-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0444	Rowe Industries	Water	April 10, 2012 1:35 pm	04/12/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.215**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/16/2012 16:02	04/16/2012 21:36	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

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

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BD20602 **Preparation Method:** EPA 3010A **Prepared By:** MW

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

Batch ID: BD20609 **Preparation Method:** EPA 5030B **Prepared By:** AY

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

Batch ID: BD20667 **Preparation Method:** % Solids Prep **Prepared By:** AMC

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

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

York Analytical Laboratories, Inc.

Batch BD20609 - EPA 5030B

Blank (BD20609-BLK1) Prepared: 04/16/2012 Analyzed: 04/17/2012

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	8.9	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	5.6	2.0	"								
Naphthalene	0.56	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20609 - EPA 5030B											
Blank (BD20609-BLK1)									Prepared: 04/16/2012 Analyzed: 04/17/2012		
sec-Butylbenzene	ND	0.50	ug/L								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.52*		*"*	*10.0*		*95.2*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.85*		*"*	*10.0*		*98.5*	*63.5-145*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*81.2-127*				
LCS (BD20609-BS1)									Prepared: 04/16/2012 Analyzed: 04/17/2012		
1,1,1,2-Tetrachloroethane	9.66		ug/L	10.0		96.6	82.3-130				
1,1,1-Trichloroethane	9.17		"	10.0		91.7	75.6-137				
1,1,2,2-Tetrachloroethane	9.12		"	10.0		91.2	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.32		"	10.0		93.2	71.1-129				
1,1,2-Trichloroethane	10.0		"	10.0		100	74.5-129				
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132				
1,1-Dichloroethylene	10.1		"	10.0		101	80.2-146				
1,1-Dichloropropylene	12.6		"	10.0		126	75-136				
1,2,3-Trichlorobenzene	10.0		"	10.0		100	66.1-136				
1,2,3-Trichloropropane	8.53		"	10.0		85.3	63-131				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	70.6-136				
1,2,4-Trimethylbenzene	9.11		"	10.0		91.1	75.3-135				
1,2-Dibromo-3-chloropropane	8.80		"	10.0		88.0	58.9-140				
1,2-Dibromoethane	10.7		"	10.0		107	79-130				
1,2-Dichlorobenzene	9.09		"	10.0		90.9	76.1-122				
1,2-Dichloroethane	9.83		"	10.0		98.3	74.6-132				
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129				
1,3,5-Trimethylbenzene	8.71		"	10.0		87.1	70.6-127				
1,3-Dichlorobenzene	8.88		"	10.0		88.8	77-124				
1,3-Dichloropropane	10.0		"	10.0		100	75.8-126				
1,4-Dichlorobenzene	8.81		"	10.0		88.1	76.6-125				
2,2-Dichloropropane	8.43		"	10.0		84.3	69-133				
2-Chlorotoluene	8.81		"	10.0		88.1	66.3-119				
2-Hexanone	9.75		"	10.0		97.5	70-130				
4-Chlorotoluene	9.21		"	10.0		92.1	69.2-127				
Acetone	12.2		"	10.0		122	70-130				
Benzene	9.82		"	10.0		98.2	76.2-129				
Bromobenzene	8.94		"	10.0		89.4	71.3-123				
Bromochloromethane	10.7		"	10.0		107	70.8-137				
Bromodichloromethane	10.3		"	10.0		103	79.7-134				
Bromoform	9.02		"	10.0		90.2	70.5-141				
Bromomethane	11.3		"	10.0		113	43.9-147				
Carbon tetrachloride	11.5		"	10.0		115	78.1-138				
Chlorobenzene	9.53		"	10.0		95.3	80.4-125				
Chloroethane	9.47		"	10.0		94.7	55.8-140				
Chloroform	9.47		"	10.0		94.7	76.6-133				
Chloromethane	8.03		"	10.0		80.3	48.8-115				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20609 - EPA 5030B											
LCS (BD20609-BS1)									Prepared: 04/16/2012 Analyzed: 04/17/2012		
cis-1,2-Dichloroethylene	9.80		ug/L	10.0		98.0	75.1-128				
cis-1,3-Dichloropropylene	9.55		"	10.0		95.5	74.5-128				
Dibromochloromethane	9.67		"	10.0		96.7	79.8-134				
Dibromomethane	10.8		"	10.0		108	79-130				
Dichlorodifluoromethane	7.40		"	10.0		74.0	47.1-101				
Ethyl Benzene	10.0		"	10.0		100	80.8-128				
Hexachlorobutadiene	8.65		"	10.0		86.5	64.8-128				
Isopropylbenzene	9.12		"	10.0		91.2	75.5-135				
Methyl tert-butyl ether (MTBE)	13.2		"	10.0		132	65.1-140				
Methylene chloride	11.7		"	10.0		117	61.3-120				
Naphthalene	9.35		"	10.0		93.5	62.3-148				
n-Butylbenzene	8.42		"	10.0		84.2	67.2-123				
n-Propylbenzene	8.88		"	10.0		88.8	70.5-127				
o-Xylene	9.58		"	10.0		95.8	75.9-122				
p- & m- Xylenes	19.7		"	20.0		98.5	77.7-127				
p-Isopropyltoluene	8.58		"	10.0		85.8	75.6-129				
sec-Butylbenzene	8.61		"	10.0		86.1	71.5-125				
Styrene	9.99		"	10.0		99.9	77.8-123				
tert-Butylbenzene	9.16		"	10.0		91.6	75.9-151				
Tetrachloroethylene	10.3		"	10.0		103	63.6-167				
Toluene	9.70		"	10.0		97.0	77-123				
trans-1,2-Dichloroethylene	9.37		"	10.0		93.7	76.3-139				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137				
Trichloroethylene	9.65		"	10.0		96.5	77.9-130				
Trichlorofluoromethane	8.59		"	10.0		85.9	57.4-133				
Vinyl Chloride	9.01		"	10.0		90.1	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.45*		*"*	*10.0*		*94.5*	*63.5-145*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Batch BD20609 - EPA 5030B

LCS Dup (BD20609-BSD1) Prepared: 04/16/2012 Analyzed: 04/17/2012

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

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20609 - EPA 5030B											
LCS Dup (BD20609-BSD1)									Prepared: 04/16/2012 Analyzed: 04/17/2012		
sec-Butylbenzene	8.92		ug/L	10.0		89.2	71.5-125		3.54	18.9	
Styrene	10.1		"	10.0		101	77.8-123		1.10	20.9	
tert-Butylbenzene	9.53		"	10.0		95.3	75.9-151		3.96	20.9	
Tetrachloroethylene	9.84		"	10.0		98.4	63.6-167		4.47	27.7	
Toluene	9.91		"	10.0		99.1	77-123		2.14	18.7	
trans-1,2-Dichloroethylene	9.52		"	10.0		95.2	76.3-139		1.59	19.5	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		0.00	19.3	
Trichloroethylene	9.76		"	10.0		97.6	77.9-130		1.13	20.5	
Trichlorofluoromethane	9.07		"	10.0		90.7	57.4-133		5.44	21.4	
Vinyl Chloride	9.34		"	10.0		93.4	54.9-124		3.60	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.30*		*"*	*10.0*		*93.0*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

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

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

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

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20667 - % Solids Prep											
Blank (BD20667-BLK1)									Prepared: 04/18/2012 Analyzed: 04/19/2012		
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BD20667-DUP1)	*Source sample: 12D0443-01 (WQ41012:1340NP2-10)								Prepared: 04/18/2012 Analyzed: 04/19/2012		
Total Dissolved Solids	104	1.00	mg/L		106				1.90	15	

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

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

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

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

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

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

NR — Not reported

RPD — Relative Percent Difference

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

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

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

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

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

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

Field Chain-of-Custody Record

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

York Project No. 12D0443

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

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

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

STEPHEN HNAT
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

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

Sample Identification	Date Sampled		Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ41012:1330NP2-6	4/10/12	1330	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	
WQ41012:1335NP2-7	↓	1335	GW	↓	
WQ41012:1340NP2-10	↓	1340	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260B) plus freon 113 / TDS (SM 2540C)	

Comments

Preservation (Check those Applicable): 4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
[signature]	4/12/12 11:05	TC [signature]	4/12/12 11:05	4.1 °C
Samples Relinquished By	Date/Time	Samples Received in LAB by: [signature]	Date/Time 4/12/12 1510	

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. 12D0444

YOUR Information
Company: LBG
Address: 4 Research Dr, Suite 301
Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
NABSAG.

Samples from: CT ___ NY X NJ ___

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

Report Type
- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package NP2-10 only, pdf.
- NJDEP Red. Deliv. ___

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

York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)
STEPHEN HNAT
Name (printed)

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

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ41012:1330NP2-6	4/10/12 1330	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	
WQ41012:1335NP2-7	1335	GW	↓	
WQ41012:1340NP2-10	1340	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TDS (SM 2540C)	

Comments

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

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Melissa Rowe 4/12/12 1105 — Samples Relinquished By — Date/Time
TC Pahl 4/12/12 11:05 — Samples Received By — Date/Time
Samples Relinquished By — Date/Time
P Grace 4/12/12 1510 — Samples Received in LAB by — Date/Time

Temperature on Receipt 4.1 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

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

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

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 20, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

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

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

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

Approved By:  **Date:** 04/27/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ41912:1100NP2-6 **York Sample ID:** 12D0663-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0663	Rowe Industries	Water	April 19, 2012 11:00 am	04/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
71-55-6	**1,1,1-Trichloroethane**	**0.56**		ug/L	0.043	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
75-34-3	**1,1-Dichloroethane**	**0.27**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 14:52	SS

Sample Information

Client Sample ID: WQ41912:1100NP2-6 **York Sample ID:** 12D0663-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0663	Rowe Industries	Water	April 19, 2012 11:00 am	04/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.7 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.9 %*	*81.2-127*

Sample Information

Client Sample ID: WQ41912:1100NP2-6 **York Sample ID:** 12D0663-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0663	Rowe Industries	Water	April 19, 2012 11:00 am	04/20/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

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

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

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

Sample Information

Client Sample ID: WQ41912:1105NP2-7 **York Sample ID:** 12D0663-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0663	Rowe Industries	Water	April 19, 2012 11:05 am	04/20/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS

Sample Information

Client Sample ID: WQ41912:1105NP2-7 **York Sample ID:** 12D0663-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0663	Rowe Industries	Water	April 19, 2012 11:05 am	04/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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

Sample Information

Client Sample ID: WQ41912:1105NP2-7 **York Sample ID:** 12D0663-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0663	Rowe Industries	Water	April 19, 2012 11:05 am	04/20/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 15:35	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.8 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*95.5 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.129**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/23/2012 15:09	04/23/2012 18:02	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.04**		mg/L	0.00550	0.0100	1	EPA 200.7	04/23/2012 15:09	04/23/2012 18:07	MW

Sample Information

Client Sample ID: WQ41912:1110NP2-10 **York Sample ID:** 12D0664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0664	Rowe Industries	Water	April 19, 2012 11:10 am	04/20/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/23/2012 12:03	04/23/2012 16:18	SS

Sample Information

Client Sample ID: WQ41912:1110NP2-10 **York Sample ID:** 12D0664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0664	Rowe Industries	Water	April 19, 2012 11:10 am	04/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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

Sample Information

Client Sample ID: WQ41912:1110NP2-10 **York Sample ID:** 12D0664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0664	Rowe Industries	Water	April 19, 2012 11:10 am	04/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.0 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.0 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.7 %*	*81.2-127*

Sample Information

Client Sample ID: WQ41912:1110NP2-10 **York Sample ID:** 12D0664-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0664	Rowe Industries	Water	April 19, 2012 11:10 am	04/20/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

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

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**2.91**		mg/L	0.00550	0.0100	1	EPA 200.7	04/23/2012 15:09	04/23/2012 18:42	MW

Total Dissolved Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**102**		mg/L	1.00	1.00	1	SM 2540C	04/24/2012 12:01	04/24/2012 12:01	AMC

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

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

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

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

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

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

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

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20840 - EPA 5030B											
Blank (BD20840-BLK1)											Prepared & Analyzed: 04/23/2012
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.6	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	2.0	2.0	"								
Naphthalene	0.51	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20840 - EPA 5030B											
Blank (BD20840-BLK1)								Prepared & Analyzed: 04/23/2012			
sec-Butylbenzene	ND	0.50	ug/L								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.96*		*"*	*10.0*		*99.6*	*63.5-145*				
Surrogate: Toluene-d8	*9.79*		*"*	*10.0*		*97.9*	*81.2-127*				
LCS (BD20840-BS1)								Prepared & Analyzed: 04/23/2012			
1,1,1,2-Tetrachloroethane	9.94		ug/L	10.0		99.4	82.3-130				
1,1,1-Trichloroethane	9.26		"	10.0		92.6	75.6-137				
1,1,2,2-Tetrachloroethane	8.89		"	10.0		88.9	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	71.1-129				
1,1,2-Trichloroethane	9.84		"	10.0		98.4	74.5-129				
1,1-Dichloroethane	9.99		"	10.0		99.9	79.6-132				
1,1-Dichloroethylene	10.4		"	10.0		104	80.2-146				
1,1-Dichloropropylene	14.0		"	10.0		140	75-136	High Bias			
1,2,3-Trichlorobenzene	10.2		"	10.0		102	66.1-136				
1,2,3-Trichloropropane	8.49		"	10.0		84.9	63-131				
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136				
1,2,4-Trimethylbenzene	9.15		"	10.0		91.5	75.3-135				
1,2-Dibromo-3-chloropropane	9.96		"	10.0		99.6	58.9-140				
1,2-Dibromoethane	10.4		"	10.0		104	79-130				
1,2-Dichlorobenzene	9.11		"	10.0		91.1	76.1-122				
1,2-Dichloroethane	10.0		"	10.0		100	74.6-132				
1,2-Dichloropropane	10.3		"	10.0		103	76.9-129				
1,3,5-Trimethylbenzene	8.77		"	10.0		87.7	70.6-127				
1,3-Dichlorobenzene	8.86		"	10.0		88.6	77-124				
1,3-Dichloropropane	9.65		"	10.0		96.5	75.8-126				
1,4-Dichlorobenzene	9.19		"	10.0		91.9	76.6-125				
2,2-Dichloropropane	10.4		"	10.0		104	69-133				
2-Chlorotoluene	8.51		"	10.0		85.1	66.3-119				
2-Hexanone	9.93		"	10.0		99.3	70-130				
4-Chlorotoluene	9.06		"	10.0		90.6	69.2-127				
Acetone	3.38		"	10.0		33.8	70-130	Low Bias			
Benzene	9.74		"	10.0		97.4	76.2-129				
Bromobenzene	8.69		"	10.0		86.9	71.3-123				
Bromochloromethane	10.5		"	10.0		105	70.8-137				
Bromodichloromethane	10.0		"	10.0		100	79.7-134				
Bromoform	9.69		"	10.0		96.9	70.5-141				
Bromomethane	8.94		"	10.0		89.4	43.9-147				
Carbon tetrachloride	13.0		"	10.0		130	78.1-138				
Chlorobenzene	9.55		"	10.0		95.5	80.4-125				
Chloroethane	9.68		"	10.0		96.8	55.8-140				
Chloroform	9.27		"	10.0		92.7	76.6-133				
Chloromethane	7.43		"	10.0		74.3	48.8-115				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20840 - EPA 5030B											
LCS (BD20840-BS1)							Prepared & Analyzed: 04/23/2012				
cis-1,2-Dichloroethylene	9.57		ug/L	10.0		95.7	75.1-128				
cis-1,3-Dichloropropylene	9.81		"	10.0		98.1	74.5-128				
Dibromochloromethane	10.1		"	10.0		101	79.8-134				
Dibromomethane	9.76		"	10.0		97.6	79-130				
Dichlorodifluoromethane	8.04		"	10.0		80.4	47.1-101				
Ethyl Benzene	9.60		"	10.0		96.0	80.8-128				
Hexachlorobutadiene	8.98		"	10.0		89.8	64.8-128				
Isopropylbenzene	9.09		"	10.0		90.9	75.5-135				
Methyl tert-butyl ether (MTBE)	14.2		"	10.0		142	65.1-140	High Bias			
Methylene chloride	7.89		"	10.0		78.9	61.3-120				
Naphthalene	9.29		"	10.0		92.9	62.3-148				
n-Butylbenzene	8.54		"	10.0		85.4	67.2-123				
n-Propylbenzene	8.70		"	10.0		87.0	70.5-127				
o-Xylene	9.15		"	10.0		91.5	75.9-122				
p- & m- Xylenes	18.9		"	20.0		94.7	77.7-127				
p-Isopropyltoluene	8.84		"	10.0		88.4	75.6-129				
sec-Butylbenzene	8.53		"	10.0		85.3	71.5-125				
Styrene	9.61		"	10.0		96.1	77.8-123				
tert-Butylbenzene	9.21		"	10.0		92.1	75.9-151				
Tetrachloroethylene	9.61		"	10.0		96.1	63.6-167				
Toluene	9.28		"	10.0		92.8	77-123				
trans-1,2-Dichloroethylene	9.89		"	10.0		98.9	76.3-139				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137				
Trichloroethylene	9.20		"	10.0		92.0	77.9-130				
Trichlorofluoromethane	9.34		"	10.0		93.4	57.4-133				
Vinyl Chloride	9.07		"	10.0		90.7	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*63.5-145*				
Surrogate: Toluene-d8	*9.79*		*"*	*10.0*		*97.9*	*81.2-127*				

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

York Analytical Laboratories, Inc.

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

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20840 - EPA 5030B											
LCS Dup (BD20840-BSD1)							Prepared & Analyzed: 04/23/2012				
sec-Butylbenzene	8.37		ug/L	10.0		83.7	71.5-125		1.89	18.9	
Styrene	9.55		"	10.0		95.5	77.8-123		0.626	20.9	
tert-Butylbenzene	9.19		"	10.0		91.9	75.9-151		0.217	20.9	
Tetrachloroethylene	9.61		"	10.0		96.1	63.6-167		0.00	27.7	
Toluene	9.08		"	10.0		90.8	77-123		2.18	18.7	
trans-1,2-Dichloroethylene	10.0		"	10.0		100	76.3-139		1.60	19.5	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137		5.60	19.3	
Trichloroethylene	9.15		"	10.0		91.5	77.9-130		0.545	20.5	
Trichlorofluoromethane	9.60		"	10.0		96.0	57.4-133		2.75	21.4	
Vinyl Chloride	9.40		"	10.0		94.0	54.9-124		3.57	22.3	
Surrogate: 1,2-Dichloroethane-d4	*11.0*		*"*	*10.0*		*110*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*63.5-145*				
Surrogate: Toluene-d8	*9.30*		*"*	*10.0*		*93.0*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20849 - EPA 3010A											
Blank (BD20849-BLK1)								Prepared & Analyzed: 04/23/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BD20849-DUP1)	*Source sample: 12D0664-01 (WQ41912:1110NP2-10)							Prepared & Analyzed: 04/23/2012			
Iron	0.129	0.0100	mg/L		0.141				9.33	20	
Matrix Spike (BD20849-MS1)	*Source sample: 12D0664-01 (WQ41912:1110NP2-10)							Prepared & Analyzed: 04/23/2012			
Iron	1.25	0.0100	mg/L	1.00	0.141	111	75-125				
Reference (BD20849-SRM1)								Prepared & Analyzed: 04/23/2012			
Iron	0.602	0.0100	mg/L	0.589		102	87.9-113				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

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

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20816 - % Solids Prep											
Blank (BD20816-BLK1)									Prepared & Analyzed: 04/24/2012		
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BD20816-DUP1)	*Source sample: 12D0664-01 (WQ41912:1110NP2-10)								Prepared & Analyzed: 04/24/2012		
Total Dissolved Solids	98.0	1.00	mg/L		102				4.00	15	

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

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

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

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

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

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

NR — Not reported

RPD — Relative Percent Difference

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

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

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

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

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

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 12D0663

YOUR Information
Company: LBG
Address: 4 Research Dr Suite 301
Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
NABSAG.

Samples from: CT ___ NY X NJ ___

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

Report Type
- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package NP2-100nly, pdf.
- NJDEP Red. Deliv. ___

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

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

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

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

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ41912 1100NP2-6	4/9/12 1100	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus Freon 113	2x2p
WQ41912 1105NP2-7	1105	GW	↓	2x2p
WQ41912 1110NP2-10	1110	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus Freon 113 / TDS (SM 2540c)	2x3p

Comments

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

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By — Date/Time: 4/10/12 12-
Samples Relinquished By — Date/Time:

Samples Received By — Date/Time:
Samples Received in LAB by — Date/Time: 4/12-1205

Temperature on Receipt 4.7 °C

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

Field Chain-of-Custody Record

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

York Project No. 12D0664

YOUR Information
Company: LBG
Address: 4 Research Dr, Suite 301, Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To: Company: Same (Address, Phone No., Attention, E-Mail Address: same ↓)

Invoice To: Company: Same (Address, Phone No., Attention, E-Mail Address: same ↓)

YOUR Project ID: Rowe Industries.

Purchase Order No.: NABSAG.

Samples from: CT__ NY X NJ__

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

Report Type
- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package NP2-10 only, pdf.
- NJDEP Red. Deliv. ___

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

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

Samples Collected/Authorized By (Signature): [signature]
Name (printed): STEPHEN HNAT

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

Volatiles		Semi-Vols	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded	Aquatic Tox.
Halog. only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ41912 1100NP2-6	4/19/12 1100	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	2v2p
WQ41912 1105NP2-7	↓ 1105	GW	↓	2v2p
WQ41912 1110NP2-10	↓ 1110	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 list (EPA SW845-8260B) plus freon 113 / TDS (SM 2540C)	2v3p

Comments

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

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By: [signature] Date/Time: 4/20/12 12-
Samples Received By: [signature] Date/Time: 4/20/12-1205
Samples Relinquished By ___ Date/Time ___
Samples Received in LAB by ___ Date/Time ___

Temperature on Receipt: 4.7 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

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

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

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 24, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12D0746-01	WQ42312:1020NP2-10	Water	04/23/2012	04/24/2012
12D0747-01	WQ42312:1010NP2-6	Water	04/23/2012	04/24/2012
12D0747-02	WQ42312:1015NP2-7	Water	04/23/2012	04/24/2012

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

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

Approved By:  **Date:** 04/30/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ42312:1020NP2-10 **York Sample ID:** 12D0746-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0746	Rowe Industries	Water	April 23, 2012 10:20 am	04/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS

Sample Information

Client Sample ID: WQ42312:1020NP2-10 **York Sample ID:** 12D0746-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0746	Rowe Industries	Water	April 23, 2012 10:20 am	04/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
75-09-2	**Methylene chloride**	**0.63**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 02:54	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.5 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.2 %*	*81.2-127*

Sample Information

Client Sample ID: **WQ42312:1020NP2-10** **York Sample ID:** **12D0746-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0746	Rowe Industries	Water	April 23, 2012 10:20 am	04/24/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0180**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/24/2012 15:20	04/24/2012 20:21	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.47**		mg/L	0.00550	0.0100	1	EPA 200.7	04/24/2012 15:20	04/24/2012 20:52	MW

Total Dissolved Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**136**		mg/L	1.00	1.00	1	SM 2540C	04/25/2012 14:52	04/25/2012 14:52	AMC

Sample Information

Client Sample ID: **WQ42312:1010NP2-6** **York Sample ID:** **12D0747-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0747	Rowe Industries	Water	April 23, 2012 10:10 am	04/24/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
71-55-6	**1,1,1-Trichloroethane**	**0.34**	J	ug/L	0.043	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
75-34-3	**1,1-Dichloroethane**	**0.19**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS

Sample Information

Client Sample ID: WQ42312:1010NP2-6 **York Sample ID:** 12D0747-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0747	Rowe Industries	Water	April 23, 2012 10:10 am	04/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
67-66-3	**Chloroform**	**0.22**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.11**	J	ug/L	0.081	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
75-09-2	**Methylene chloride**	**0.56**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS

Sample Information

Client Sample ID: WQ42312:1010NP2-6 **York Sample ID:** 12D0747-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0747	Rowe Industries	Water	April 23, 2012 10:10 am	04/24/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
127-18-4	**Tetrachloroethylene**	**0.51**		ug/L	0.054	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
79-01-6	**Trichloroethylene**	**0.12**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 03:39	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.0 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.0 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0322**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/24/2012 15:20	04/24/2012 21:10	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.44**		mg/L	0.00550	0.0100	1	EPA 200.7	04/24/2012 15:20	04/24/2012 21:14	MW

Sample Information

Client Sample ID: WQ42312:1015NP2-7 **York Sample ID:** 12D0747-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0747	Rowe Industries	Water	April 23, 2012 10:15 am	04/24/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS

Sample Information

Client Sample ID: WQ42312:1015NP2-7 **York Sample ID:** 12D0747-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0747	Rowe Industries	Water	April 23, 2012 10:15 am	04/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS

Sample Information

Client Sample ID: WQ42312:1015NP2-7 **York Sample ID:** 12D0747-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0747	Rowe Industries	Water	April 23, 2012 10:15 am	04/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
75-09-2	**Methylene chloride**	**0.62**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/24/2012 14:33	04/25/2012 04:23	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.2 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.1 %*	*81.2-127*

Sample Information

Client Sample ID: WQ42312:1015NP2-7 **York Sample ID:** 12D0747-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0747	Rowe Industries	Water	April 23, 2012 10:15 am	04/24/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0160**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	04/24/2012 15:20	04/24/2012 21:19	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.995**		mg/L	0.00550	0.0100	1	EPA 200.7	04/24/2012 15:20	04/24/2012 21:24	MW

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

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

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

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

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

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

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

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20904 - EPA 5030B											
Blank (BD20904-BLK1)											Prepared: 04/24/2012 Analyzed: 04/25/2012
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	4.0	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	2.2	2.0	"								
Naphthalene	0.53	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20904 - EPA 5030B											
Blank (BD20904-BLK1)								Prepared: 04/24/2012 Analyzed: 04/25/2012			
sec-Butylbenzene	ND	0.50	ug/L								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.71*		*"*	*10.0*		*97.1*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.44*		*"*	*10.0*		*94.4*	*63.5-145*				
Surrogate: Toluene-d8	*9.99*		*"*	*10.0*		*99.9*	*81.2-127*				
LCS (BD20904-BS1)								Prepared & Analyzed: 04/24/2012			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82.3-130				
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137				
1,1,2,2-Tetrachloroethane	9.44		"	10.0		94.4	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0		113	71.1-129				
1,1,2-Trichloroethane	11.1		"	10.0		111	74.5-129				
1,1-Dichloroethane	11.2		"	10.0		112	79.6-132				
1,1-Dichloroethylene	11.2		"	10.0		112	80.2-146				
1,1-Dichloropropylene	13.9		"	10.0		139	75-136	High Bias			
1,2,3-Trichlorobenzene	12.2		"	10.0		122	66.1-136				
1,2,3-Trichloropropane	9.67		"	10.0		96.7	63-131				
1,2,4-Trichlorobenzene	11.8		"	10.0		118	70.6-136				
1,2,4-Trimethylbenzene	9.41		"	10.0		94.1	75.3-135				
1,2-Dibromo-3-chloropropane	9.76		"	10.0		97.6	58.9-140				
1,2-Dibromoethane	11.2		"	10.0		112	79-130				
1,2-Dichlorobenzene	9.61		"	10.0		96.1	76.1-122				
1,2-Dichloroethane	11.1		"	10.0		111	74.6-132				
1,2-Dichloropropane	10.9		"	10.0		109	76.9-129				
1,3,5-Trimethylbenzene	8.93		"	10.0		89.3	70.6-127				
1,3-Dichlorobenzene	9.27		"	10.0		92.7	77-124				
1,3-Dichloropropane	10.6		"	10.0		106	75.8-126				
1,4-Dichlorobenzene	9.53		"	10.0		95.3	76.6-125				
2,2-Dichloropropane	8.80		"	10.0		88.0	69-133				
2-Chlorotoluene	8.78		"	10.0		87.8	66.3-119				
2-Hexanone	11.3		"	10.0		113	70-130				
4-Chlorotoluene	9.26		"	10.0		92.6	69.2-127				
Acetone	3.40		"	10.0		34.0	70-130	Low Bias			
Benzene	11.0		"	10.0		110	76.2-129				
Bromobenzene	9.12		"	10.0		91.2	71.3-123				
Bromochloromethane	12.5		"	10.0		125	70.8-137				
Bromodichloromethane	11.0		"	10.0		110	79.7-134				
Bromoform	9.54		"	10.0		95.4	70.5-141				
Bromomethane	10.5		"	10.0		105	43.9-147				
Carbon tetrachloride	13.0		"	10.0		130	78.1-138				
Chlorobenzene	9.92		"	10.0		99.2	80.4-125				
Chloroethane	11.0		"	10.0		110	55.8-140				
Chloroform	10.5		"	10.0		105	76.6-133				
Chloromethane	8.68		"	10.0		86.8	48.8-115				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20904 - EPA 5030B											
LCS (BD20904-BS1)							Prepared & Analyzed: 04/24/2012				
cis-1,2-Dichloroethylene	11.0		ug/L	10.0		110	75.1-128				
cis-1,3-Dichloropropylene	9.60		"	10.0		96.0	74.5-128				
Dibromochloromethane	10.8		"	10.0		108	79.8-134				
Dibromomethane	11.4		"	10.0		114	79-130				
Dichlorodifluoromethane	8.43		"	10.0		84.3	47.1-101				
Ethyl Benzene	10.4		"	10.0		104	80.8-128				
Hexachlorobutadiene	9.75		"	10.0		97.5	64.8-128				
Isopropylbenzene	9.28		"	10.0		92.8	75.5-135				
Methyl tert-butyl ether (MTBE)	15.8		"	10.0		158	65.1-140	High Bias			
Methylene chloride	8.06		"	10.0		80.6	61.3-120				
Naphthalene	10.6		"	10.0		106	62.3-148				
n-Butylbenzene	9.20		"	10.0		92.0	67.2-123				
n-Propylbenzene	9.10		"	10.0		91.0	70.5-127				
o-Xylene	9.83		"	10.0		98.3	75.9-122				
p- & m- Xylenes	20.6		"	20.0		103	77.7-127				
p-Isopropyltoluene	9.09		"	10.0		90.9	75.6-129				
sec-Butylbenzene	8.87		"	10.0		88.7	71.5-125				
Styrene	10.3		"	10.0		103	77.8-123				
tert-Butylbenzene	9.01		"	10.0		90.1	75.9-151				
Tetrachloroethylene	15.1		"	10.0		151	63.6-167				
Toluene	10.1		"	10.0		101	77-123				
trans-1,2-Dichloroethylene	10.7		"	10.0		107	76.3-139				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137				
Trichloroethylene	10.1		"	10.0		101	77.9-130				
Trichlorofluoromethane	10.4		"	10.0		104	57.4-133				
Vinyl Chloride	10.6		"	10.0		106	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.44*		*"*	*10.0*		*94.4*	*63.5-145*				
Surrogate: Toluene-d8	*9.57*		*"*	*10.0*		*95.7*	*81.2-127*				

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

York Analytical Laboratories, Inc.

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

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20904 - EPA 5030B											
LCS Dup (BD20904-BSD1)									Prepared: 04/24/2012 Analyzed: 04/25/2012		
sec-Butylbenzene	9.35		ug/L	10.0		93.5	71.5-125		5.27	18.9	
Styrene	10.4		"	10.0		104	77.8-123		1.06	20.9	
tert-Butylbenzene	9.15		"	10.0		91.5	75.9-151		1.54	20.9	
Tetrachloroethylene	16.2		"	10.0		162	63.6-167		7.10	27.7	
Toluene	10.3		"	10.0		103	77-123		1.47	18.7	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	76.3-139		2.74	19.5	
trans-1,3-Dichloropropylene	10.0		"	10.0		100	72.5-137		5.15	19.3	
Trichloroethylene	10.5		"	10.0		105	77.9-130		3.98	20.5	
Trichlorofluoromethane	10.6		"	10.0		106	57.4-133		1.72	21.4	
Vinyl Chloride	10.8		"	10.0		108	54.9-124		1.22	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*63.5-145*				
Surrogate: Toluene-d8	*9.80*		*"*	*10.0*		*98.0*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20915 - EPA 3010A											
Blank (BD20915-BLK1)								Prepared & Analyzed: 04/24/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BD20915-DUP1)	*Source sample: 12D0746-01 (WQ42312:1020NP2-10)							Prepared & Analyzed: 04/24/2012			
Iron	0.0124	0.0100	mg/L		0.0180				36.7	20	Non-dir.
Matrix Spike (BD20915-MS1)	*Source sample: 12D0746-01 (WQ42312:1020NP2-10)							Prepared & Analyzed: 04/24/2012			
Iron	1.13	0.0100	mg/L	1.00	0.0180	111	75-125				
Reference (BD20915-SRM1)								Prepared & Analyzed: 04/24/2012			
Iron	0.582	0.0100	mg/L	0.589		98.8	87.9-113				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

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

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20921 - % Solids Prep											
Blank (BD20921-BLK1)								Prepared & Analyzed: 04/25/2012			
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BD20921-DUP1)	*Source sample: 12D0746-01 (WQ42312:1020NP2-10)							Prepared & Analyzed: 04/25/2012			
Total Dissolved Solids	130	1.00	mg/L		136				4.51	15	

Notes and Definitions

QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

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

YORK
ANALYTICAL LABORATORIES, INC.

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. 12D0746

YOUR Information
Company: LBG
Address: 4 Research Dr, Suite 301
Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
NABSAG.

Samples from: CT ___ NY X NJ ___

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

Report Type
- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package NP2-100nly, pdf.
- NJDEP Red. Deliv. ___

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

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

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

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Index Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ42312 1010NP2-6	4/23/12 1010	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	2v 2P
WQ42312 1015NP2-7	1015	GW	↓	2v 2P
WQ42312 1020NP2-10	1020	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TDS (SM 2540c)	2v 3P

Comments

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

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By: [signature] 4/24/12 10:30 Date/Time
Samples Received By: [signature] 4/24/12 16:36 Date/Time
Samples Relinquished By: ___ Date/Time ___
Samples Received in LAB by: [signature] 4/24/12-1210 Date/Time

Temperature on Receipt 3.7 °C

YORK
ANALYTICAL LABORATORIES, INC.

120 Research Dr. Stratford, CT 06615
(203) 325-1371 Fax (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 12D0747

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LBG	Company: Same	Company: Same	Rowe Industries.	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr, Suite 301 Shelton, CT 06484	Address:	Address:	**Purchase Order No.** NABSA6.	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT ___ NY X NJ ___	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) ☒	NY ASP B Package #2-10 only, pdf.
					NJDEP Red. Deliv.
					Electronic Data Deliverables (EDD)
					Simple Excel X
					NYSDEC EQuIS
					EQuIS (std)
					EZ-EDD (EQuIS)
					NJDEP SRP HazSite EDD
					GIS/KEY (std)
					Other
					York Regulatory Comparison
					Excel Spreadsheet
					Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

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

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ42312 1010NP2-6	4/23/12 1010	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	2v 2P
WQ42312 1015NP2-7	1015	GW		2v 2P
WQ42312 1020NP2-10	1020	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TDS (SM 2540c)	2v 3P

Comments

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

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Samples Relinquished By: [signature] 4/24/12 10:36 Date/Time
Samples Relinquished By: ___ Date/Time

Samples Received By: [signature] 4/24/12 10:36 Date/Time
Samples Received in LAB by: [signature] 4/24/12-1210 Date/Time

Temperature on Receipt 3.7 °C

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

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

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

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

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 12, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12D0440-01	LWQ41012:1130NP1-1-2	Water	04/10/2012	04/12/2012
12D0440-02	LWQ41012:1140NP1-1-3	Water	04/10/2012	04/12/2012
12D0440-03	LWQ41012:1150NP1-1-4	Water	04/10/2012	04/12/2012
12D0440-04	LWQ41012:1200NP1-1-5	Water	04/10/2012	04/12/2012
12D0440-05	LWQ41012:1210NP1-1-6	Water	04/10/2012	04/12/2012
12D0440-06	LWQ41012:1220NP1-1-7	Water	04/10/2012	04/12/2012
12D0440-07	LWQ41012:1230NP1-1-8	Water	04/10/2012	04/12/2012
12D0440-08	LWQ41012:1240NP1-1-9	Water	04/10/2012	04/12/2012

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

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

Approved By:  **Date:** 04/20/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: LWQ41012:1130NP1-1-2 **York Sample ID:** 12D0440-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0440	Rowe Industries	Water	April 10, 2012 11:30 am	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
71-55-6	**1,1,1-Trichloroethane**	**0.25**	J	ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
87-61-6	**1,2,3-Trichlorobenzene**	**0.10**	J, B	ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
120-82-1	**1,2,4-Trichlorobenzene**	**0.13**	J, B	ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
75-25-2	**Bromoform**	**0.12**	J	ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS

Sample Information

Client Sample ID: **LWQ41012:1130NP1-1-2** **York Sample ID:** **12D0440-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0440	Rowe Industries	Water	April 10, 2012 11:30 am	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
67-66-3	**Chloroform**	**0.16**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
74-87-3	**Chloromethane**	**0.13**	J	ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
75-09-2	**Methylene chloride**	**0.46**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
91-20-3	**Naphthalene**	**0.33**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
127-18-4	**Tetrachloroethylene**	**0.58**		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
79-01-6	**Trichloroethylene**	**0.18**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 15:30	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.9 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: **LWQ41012:1140NP1-1-3** **York Sample ID:** **12D0440-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0440	Rowe Industries	Water	April 10, 2012 11:40 am	04/12/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
71-55-6	**1,1,1-Trichloroethane**	**0.16**	J	ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS

Sample Information

Client Sample ID: **LWQ41012:1140NP1-1-3** **York Sample ID:** **12D0440-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0440	Rowe Industries	Water	April 10, 2012 11:40 am	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
74-87-3	**Chloromethane**	**0.22**	J	ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
75-09-2	**Methylene chloride**	**0.48**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
91-20-3	**Naphthalene**	**0.16**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
127-18-4	**Tetrachloroethylene**	**0.12**	J	ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
79-01-6	**Trichloroethylene**	**0.52**		ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:12	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.9 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.7 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81.2-127*

Sample Information

Client Sample ID: **LWQ41012:1150NP1-1-4** **York Sample ID:** **12D0440-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0440	Rowe Industries	Water	April 10, 2012 11:50 am	04/12/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
71-55-6	**1,1,1-Trichloroethane**	**3.4**		ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
75-34-3	**1,1-Dichloroethane**	**1.9**		ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
75-35-4	**1,1-Dichloroethylene**	**0.14**	J	ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
75-25-2	**Bromoform**	**0.40**	J	ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS

Sample Information

Client Sample ID: **LWQ41012:1150NP1-1-4** **York Sample ID:** **12D0440-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0440	Rowe Industries	Water	April 10, 2012 11:50 am	04/12/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
67-66-3	**Chloroform**	**0.18**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
74-87-3	**Chloromethane**	**0.16**	J	ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
124-48-1	**Dibromochloromethane**	**0.13**	J	ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.10**	J	ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
75-09-2	**Methylene chloride**	**0.50**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
91-20-3	**Naphthalene**	**0.11**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
127-18-4	**Tetrachloroethylene**	**0.86**		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
79-01-6	**Trichloroethylene**	**0.11**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 16:55	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.5 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81.2-127*

Sample Information

Client Sample ID: **LWQ41012:1200NP1-1-5** **York Sample ID:** **12D0440-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0440	Rowe Industries	Water	April 10, 2012 12:00 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
71-55-6	**1,1,1-Trichloroethane**	**0.46**	J	ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
75-34-3	**1,1-Dichloroethane**	**0.35**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
75-25-2	**Bromoform**	**0.24**	J	ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS

Sample Information

Client Sample ID: **LWQ41012:1200NP1-1-5** **York Sample ID:** **12D0440-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0440	Rowe Industries	Water	April 10, 2012 12:00 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
67-66-3	**Chloroform**	**0.51**		ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
74-87-3	**Chloromethane**	**0.15**	J	ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
124-48-1	**Dibromochloromethane**	**0.12**	J	ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
75-09-2	**Methylene chloride**	**0.47**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 17:37	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.6 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.6 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81.2-127*

Sample Information

Client Sample ID: **LWQ41012:1210NP1-1-6** **York Sample ID:** **12D0440-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0440	Rowe Industries	Water	April 10, 2012 12:10 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
71-55-6	**1,1,1-Trichloroethane**	**2.0**		ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
75-34-3	**1,1-Dichloroethane**	**0.62**		ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
75-35-4	**1,1-Dichloroethylene**	**0.13**	J	ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
75-25-2	**Bromoform**	**0.18**	J	ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS

Sample Information

Client Sample ID: **LWQ41012:1210NP1-1-6** **York Sample ID:** **12D0440-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0440	Rowe Industries	Water	April 10, 2012 12:10 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
67-66-3	**Chloroform**	**0.25**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.24**	J	ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
75-09-2	**Methylene chloride**	**0.46**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
127-18-4	**Tetrachloroethylene**	**2.8**		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
79-01-6	**Trichloroethylene**	**0.12**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 18:19	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.4 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81.2-127*

Sample Information

Client Sample ID: **LWQ41012:1220NP1-1-7** **York Sample ID:** **12D0440-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0440	Rowe Industries	Water	April 10, 2012 12:20 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
71-55-6	**1,1,1-Trichloroethane**	**0.24**	J	ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
75-34-3	**1,1-Dichloroethane**	**0.18**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS

Sample Information

Client Sample ID: **LWQ41012:1220NP1-1-7** **York Sample ID:** **12D0440-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0440	Rowe Industries	Water	April 10, 2012 12:20 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
67-66-3	**Chloroform**	**0.19**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
74-87-3	**Chloromethane**	**0.15**	J	ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.18**	J	ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
75-09-2	**Methylene chloride**	**0.52**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
127-18-4	**Tetrachloroethylene**	**1.1**		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:02	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.4 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81.2-127*

Sample Information

Client Sample ID: LWQ41012:1230NP1-1-8 **York Sample ID:** 12D0440-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0440	Rowe Industries	Water	April 10, 2012 12:30 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS

Sample Information

Client Sample ID: LWQ41012:1230NP1-1-8 **York Sample ID:** 12D0440-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0440	Rowe Industries	Water	April 10, 2012 12:30 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
75-09-2	**Methylene chloride**	**0.44**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 19:44	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.9 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: LWQ41012:1240NP1-1-9 **York Sample ID:** 12D0440-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0440	Rowe Industries	Water	April 10, 2012 12:40 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
75-25-2	**Bromoform**	**0.46**	J	ug/L	0.10	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS

Sample Information

Client Sample ID: LWQ41012:1240NP1-1-9 **York Sample ID:** 12D0440-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0440	Rowe Industries	Water	April 10, 2012 12:40 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
74-87-3	**Chloromethane**	**0.12**	J	ug/L	0.045	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
124-48-1	**Dibromochloromethane**	**0.21**	J	ug/L	0.040	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
75-09-2	**Methylene chloride**	**0.48**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/16/2012 12:57	04/16/2012 20:26	SS

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

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BD20570 **Preparation Method:** EPA 5030B **Prepared By:** AY

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

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20570 - EPA 5030B											
Blank (BD20570-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.90	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.73	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.4	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	1.1	2.0	"								
Naphthalene	3.1	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								

Prepared & Analyzed: 04/16/2012

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20570 - EPA 5030B											
Blank (BD20570-BLK1)								Prepared & Analyzed: 04/16/2012			
sec-Butylbenzene	ND	0.50	ug/L								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*7.84*		*"*	*10.0*		*78.4*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*63.5-145*				
Surrogate: Toluene-d8	*10.9*		*"*	*10.0*		*109*	*81.2-127*				
LCS (BD20570-BS1)								Prepared & Analyzed: 04/16/2012			
1,1,1,2-Tetrachloroethane	9.25		ug/L	10.0		92.5	82.3-130				
1,1,1-Trichloroethane	8.63		"	10.0		86.3	75.6-137				
1,1,2,2-Tetrachloroethane	8.75		"	10.0		87.5	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.53		"	10.0		85.3	71.1-129				
1,1,2-Trichloroethane	9.42		"	10.0		94.2	74.5-129				
1,1-Dichloroethane	9.26		"	10.0		92.6	79.6-132				
1,1-Dichloroethylene	9.27		"	10.0		92.7	80.2-146				
1,1-Dichloropropylene	12.6		"	10.0		126	75-136				
1,2,3-Trichlorobenzene	9.09		"	10.0		90.9	66.1-136				
1,2,3-Trichloropropane	8.48		"	10.0		84.8	63-131				
1,2,4-Trichlorobenzene	9.44		"	10.0		94.4	70.6-136				
1,2,4-Trimethylbenzene	8.82		"	10.0		88.2	75.3-135				
1,2-Dibromo-3-chloropropane	9.03		"	10.0		90.3	58.9-140				
1,2-Dibromoethane	9.43		"	10.0		94.3	79-130				
1,2-Dichlorobenzene	8.61		"	10.0		86.1	76.1-122				
1,2-Dichloroethane	8.98		"	10.0		89.8	74.6-132				
1,2-Dichloropropane	9.51		"	10.0		95.1	76.9-129				
1,3,5-Trimethylbenzene	8.51		"	10.0		85.1	70.6-127				
1,3-Dichlorobenzene	8.37		"	10.0		83.7	77-124				
1,3-Dichloropropane	9.08		"	10.0		90.8	75.8-126				
1,4-Dichlorobenzene	8.48		"	10.0		84.8	76.6-125				
2,2-Dichloropropane	8.40		"	10.0		84.0	69-133				
2-Chlorotoluene	8.44		"	10.0		84.4	66.3-119				
2-Hexanone	9.67		"	10.0		96.7	70-130				
4-Chlorotoluene	8.70		"	10.0		87.0	69.2-127				
Acetone	5.22		"	10.0		52.2	70-130	Low Bias			
Benzene	9.10		"	10.0		91.0	76.2-129				
Bromobenzene	8.71		"	10.0		87.1	71.3-123				
Bromochloromethane	10.0		"	10.0		100	70.8-137				
Bromodichloromethane	9.64		"	10.0		96.4	79.7-134				
Bromoform	8.86		"	10.0		88.6	70.5-141				
Bromomethane	7.21		"	10.0		72.1	43.9-147				
Carbon tetrachloride	11.2		"	10.0		112	78.1-138				
Chlorobenzene	9.06		"	10.0		90.6	80.4-125				
Chloroethane	8.83		"	10.0		88.3	55.8-140				
Chloroform	8.74		"	10.0		87.4	76.6-133				
Chloromethane	6.74		"	10.0		67.4	48.8-115				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20570 - EPA 5030B											
LCS (BD20570-BS1)							Prepared & Analyzed: 04/16/2012				
cis-1,2-Dichloroethylene	9.18		ug/L	10.0		91.8	75.1-128				
cis-1,3-Dichloropropylene	9.10		"	10.0		91.0	74.5-128				
Dibromochloromethane	9.02		"	10.0		90.2	79.8-134				
Dibromomethane	9.93		"	10.0		99.3	79-130				
Dichlorodifluoromethane	5.66		"	10.0		56.6	47.1-101				
Ethyl Benzene	9.27		"	10.0		92.7	80.8-128				
Hexachlorobutadiene	8.17		"	10.0		81.7	64.8-128				
Isopropylbenzene	8.85		"	10.0		88.5	75.5-135				
Methyl tert-butyl ether (MTBE)	4.02		"	10.0		40.2	65.1-140	Low Bias			
Methylene chloride	6.57		"	10.0		65.7	61.3-120				
Naphthalene	9.64		"	10.0		96.4	62.3-148				
n-Butylbenzene	8.61		"	10.0		86.1	67.2-123				
n-Propylbenzene	8.54		"	10.0		85.4	70.5-127				
o-Xylene	8.89		"	10.0		88.9	75.9-122				
p- & m- Xylenes	17.7		"	20.0		88.6	77.7-127				
p-Isopropyltoluene	8.68		"	10.0		86.8	75.6-129				
sec-Butylbenzene	8.36		"	10.0		83.6	71.5-125				
Styrene	9.14		"	10.0		91.4	77.8-123				
tert-Butylbenzene	9.00		"	10.0		90.0	75.9-151				
Tetrachloroethylene	8.86		"	10.0		88.6	63.6-167				
Toluene	8.99		"	10.0		89.9	77-123				
trans-1,2-Dichloroethylene	8.93		"	10.0		89.3	76.3-139				
trans-1,3-Dichloropropylene	9.47		"	10.0		94.7	72.5-137				
Trichloroethylene	9.08		"	10.0		90.8	77.9-130				
Trichlorofluoromethane	7.68		"	10.0		76.8	57.4-133				
Vinyl Chloride	7.64		"	10.0		76.4	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.43*		*"*	*10.0*		*94.3*	*63.5-145*				
Surrogate: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*81.2-127*				

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

York Analytical Laboratories, Inc.

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

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20570 - EPA 5030B											
LCS Dup (BD20570-BSD1)								Prepared & Analyzed: 04/16/2012			
sec-Butylbenzene	9.44		ug/L	10.0		94.4	71.5-125		12.1	18.9	
Styrene	10.2		"	10.0		102	77.8-123		10.5	20.9	
tert-Butylbenzene	10.4		"	10.0		104	75.9-151		14.8	20.9	
Tetrachloroethylene	9.98		"	10.0		99.8	63.6-167		11.9	27.7	
Toluene	10.0		"	10.0		100	77-123		10.7	18.7	
trans-1,2-Dichloroethylene	9.84		"	10.0		98.4	76.3-139		9.70	19.5	
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137		9.46	19.3	
Trichloroethylene	9.90		"	10.0		99.0	77.9-130		8.64	20.5	
Trichlorofluoromethane	8.06		"	10.0		80.6	57.4-133		4.83	21.4	
Vinyl Chloride	7.95		"	10.0		79.5	54.9-124		3.98	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.99*		*"*	*10.0*		*99.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.59*		*"*	*10.0*		*95.9*	*63.5-145*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81.2-127*				
Matrix Spike (BD20570-MS1)	*Source sample: 12D0440-04 (LWQ41012:1200NP1-1-5)							Prepared & Analyzed: 04/16/2012			
1,1,1,2-Tetrachloroethane	9.07		ug/L	10.0	ND	90.7	82-138				
1,1,1-Trichloroethane	8.82		"	10.0	0.460	83.6	85.7-133	Low Bias			
1,1,2,2-Tetrachloroethane	9.49		"	10.0	ND	94.9	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.31		"	10.0	ND	83.1	74.8-131				
1,1,2-Trichloroethane	9.90		"	10.0	ND	99.0	82.5-129				
1,1-Dichloroethane	9.56		"	10.0	0.350	92.1	81.4-137				
1,1-Dichloroethylene	8.84		"	10.0	ND	88.4	90-138	Low Bias			
1,1-Dichloropropylene	12.8		"	10.0	ND	128	91.7-131				
1,2,3-Trichlorobenzene	9.15		"	10.0	ND	91.5	75.9-130				
1,2,3-Trichloropropane	9.17		"	10.0	ND	91.7	77.1-140				
1,2,4-Trichlorobenzene	9.46		"	10.0	ND	94.6	69.8-135				
1,2,4-Trimethylbenzene	8.54		"	10.0	ND	85.4	79.4-131				
1,2-Dibromo-3-chloropropane	9.15		"	10.0	ND	91.5	66.6-143				
1,2-Dibromoethane	10.4		"	10.0	ND	104	79.8-136				
1,2-Dichlorobenzene	8.79		"	10.0	ND	87.9	79.9-130				
1,2-Dichloroethane	9.32		"	10.0	ND	93.2	85-133				
1,2-Dichloropropane	9.62		"	10.0	ND	96.2	81.1-132				
1,3,5-Trimethylbenzene	8.15		"	10.0	ND	81.5	76.1-121				
1,3-Dichlorobenzene	8.18		"	10.0	ND	81.8	79.1-124				
1,3-Dichloropropane	9.80		"	10.0	ND	98.0	83.3-130				
1,4-Dichlorobenzene	8.50		"	10.0	ND	85.0	79.4-128				
2,2-Dichloropropane	7.77		"	10.0	ND	77.7	54.2-126				
2-Chlorotoluene	8.09		"	10.0	ND	80.9	60.2-144				
2-Hexanone	10.6		"	10.0	ND	106	70-130				
4-Chlorotoluene	8.45		"	10.0	ND	84.5	79.8-128				
Acetone	2.51		"	10.0	0.720	17.9	70-130	Low Bias			
Benzene	9.04		"	10.0	ND	90.4	74.1-134				
Bromobenzene	8.72		"	10.0	ND	87.2	76.6-125				
Bromochloromethane	10.3		"	10.0	ND	103	85-133				
Bromodichloromethane	10.0		"	10.0	ND	100	80.8-143				
Bromoform	9.20		"	10.0	0.240	89.6	65.8-164				
Bromomethane	8.68		"	10.0	ND	86.8	68.7-112				
Carbon tetrachloride	11.5		"	10.0	ND	115	85.7-138				
Chlorobenzene	9.07		"	10.0	ND	90.7	79.9-129				
Chloroethane	8.11		"	10.0	ND	81.1	74.7-127				
Chloroform	9.31		"	10.0	0.510	88.0	50.6-145				
Chloromethane	6.87		"	10.0	0.150	67.2	64-111				
cis-1,2-Dichloroethylene	9.11		"	10.0	ND	91.1	75.5-129				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20570 - EPA 5030B											
Matrix Spike (BD20570-MS1)	*Source sample: 12D0440-04 (LWQ41012:1200NP1-1-5)							Prepared & Analyzed: 04/16/2012			
cis-1,3-Dichloropropylene	9.10		ug/L	10.0	ND	91.0	74.3-128				
Dibromochloromethane	9.60		"	10.0	0.120	94.8	76.8-150				
Dibromomethane	10.2		"	10.0	ND	102	83.3-140				
Dichlorodifluoromethane	4.71		"	10.0	ND	47.1	51-100	Low Bias			
Ethyl Benzene	9.27		"	10.0	ND	92.7	82.9-127				
Hexachlorobutadiene	7.84		"	10.0	ND	78.4	73-128				
Isopropylbenzene	8.42		"	10.0	ND	84.2	78.7-131				
Methyl tert-butyl ether (MTBE)	13.1		"	10.0	ND	131	81.2-134				
Methylene chloride	5.99		"	10.0	0.470	55.2	57.8-103	Low Bias			
Naphthalene	8.93		"	10.0	ND	89.3	80.1-122				
n-Butylbenzene	7.89		"	10.0	ND	78.9	72.4-120				
n-Propylbenzene	8.06		"	10.0	ND	80.6	74-130				
o-Xylene	9.05		"	10.0	ND	90.5	78.8-122				
p- & m- Xylenes	17.9		"	20.0	ND	89.4	82.5-123				
p-Isopropyltoluene	7.96		"	10.0	ND	79.6	64.9-132				
sec-Butylbenzene	7.79		"	10.0	ND	77.9	25.4-151				
Styrene	9.12		"	10.0	ND	91.2	74.1-134				
tert-Butylbenzene	8.50		"	10.0	ND	85.0	79.5-171				
Tetrachloroethylene	8.30		"	10.0	ND	83.0	72.5-130				
Toluene	9.06		"	10.0	ND	90.6	77.8-121				
trans-1,2-Dichloroethylene	9.02		"	10.0	ND	90.2	83.8-140				
trans-1,3-Dichloropropylene	9.69		"	10.0	ND	96.9	74.9-136				
Trichloroethylene	8.75		"	10.0	ND	87.5	84.4-125				
Trichlorofluoromethane	7.34		"	10.0	ND	73.4	78.7-127	Low Bias			
Vinyl Chloride	6.95		"	10.0	ND	69.5	72.1-116	Low Bias			
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.56*		*"*	*10.0*		*95.6*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				

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

York Analytical Laboratories, Inc.

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

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20570 - EPA 5030B											
Matrix Spike Dup (BD20570-MSD1)	*Source sample: 12D0440-04 (LWQ41012:1200NP1-1-5)							Prepared & Analyzed: 04/16/2012			
sec-Butylbenzene	9.36		ug/L	10.0	ND	93.6	25.4-151		18.3	25.2	
Styrene	9.62		"	10.0	ND	96.2	74.1-134		5.34	20	
tert-Butylbenzene	10.1		"	10.0	ND	101	79.5-171		17.2	24.8	
Tetrachloroethylene	9.51		"	10.0	ND	95.1	72.5-130		13.6	22.7	
Toluene	10.0		"	10.0	ND	100	77.8-121		9.86	21.5	
trans-1,2-Dichloroethylene	9.87		"	10.0	ND	98.7	83.8-140		9.00	20.1	
trans-1,3-Dichloropropylene	9.86		"	10.0	ND	98.6	74.9-136		1.74	22.5	
Trichloroethylene	9.70		"	10.0	ND	97.0	84.4-125		10.3	20.7	
Trichlorofluoromethane	8.52		"	10.0	ND	85.2	78.7-127		14.9	24.7	
Vinyl Chloride	7.70		"	10.0	ND	77.0	72.1-116		10.2	24.9	
Surrogate: 1,2-Dichloroethane-d4	*9.58*		*"*	*10.0*		*95.8*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.67*		*"*	*10.0*		*96.7*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				

Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

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

YORK
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Field Chain-of-Custody Record

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

York Project No. 12D0440

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: LBG	SAME ☐	SAME ☐	Rowe Industries	RUSH Same Day	Summary x, pdf
Address: 4 Research Drive, Suite 301, Shelton CT, 06484	Name: Tunde Sandor	Name: Mark Goldberg		RUSH Next Day	QA/QC Summary x, pdf
	Company: Same	Company: Same		RUSH Two Day	CT RCP Pkg
Phone no.: 203-929-8555	Address:	Address:	Purchase Order no.	RUSH Three Day	ASP A Pkg
Contact Person Tunde Sandor			NABSAG	RUSH Four Day	ASP B Pkg x, pdf
E-mail Addr.: Tsandor@lbgct.com	E-mail:	E-mail		Standard (5-7 days) X	Excel
FAX No.: 203-926-9140	Fax No.:	Fax No.:	Samples from: CT__ NY__ NJ__	OTHER	EDD x, Excel

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

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

Name (printed): STEPHEN HNAT

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH-IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled		Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GWQ41012:1130NP1-1-2	4/10/12	1130	GW	VOC 8260 full list (EPA SW846-8260B)	2v
GWQ41012:1140NP1-1-3	↓	1140	GW	VOC 8260 full list (EPA SW846-8260B)	↓
GWQ41012:1150NP1-1-4		1150	GW	VOC 8260 full list (EPA SW846-8260B)	
GWQ41012:1200NP1-1-5		1200	GW	VOC 8260 full list (EPA SW846-8260B)	
GWQ41012:1200NP1-1-5MS		1200	GW	VOC 8260 full list (EPA SW846-8260B)	
GWQ41012:1200NP1-1-5MSD		1200	GW	VOC 8260 full list (EPA SW846-8260B)	
GWQ41012:1210NP1-1-6		1210	GW	VOC 8260 full list (EPA SW846-8260B)	
GWQ41012:1220NP1-1-7		1220	GW	VOC 8260 full list (EPA SW846-8260B)	
GWQ41012:1230NP1-1-8		1220	GW	↓	
GWQ41012:1240NP1-1-9	↓	1240	GW	↓	↓

Comments

Preservation "X" those applicable: Cool 4°C___ HNO3___ H2SO4___ NaOH___ NONE___ FROZEN___

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	4/12/12 11:05	[signature]	4/12/12 11:04

Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		[illegible]	4/12/12 1510

Temperature on Receipt 4.1 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

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

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

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 12, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12D0442-01	WQ41012:1300FRW-1	Water	04/10/2012	04/12/2012
12D0442-02	WQ41012:1305FRW-2	Water	04/10/2012	04/12/2012
12D0442-03	WQ41012:1310FRW-3	Water	04/10/2012	04/12/2012
12D0442-04	WQ41012:1315FRW-4	Water	04/10/2012	04/12/2012

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

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

Approved By:  **Date:** 04/19/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ41012:1300FRW-1 **York Sample ID:** 12D0442-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0442	Rowe Industries	Water	April 10, 2012 1:00 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
71-55-6	**1,1,1-Trichloroethane**	**0.98**		ug/L	0.043	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS

Sample Information

Client Sample ID: **WQ41012:1300FRW-1** **York Sample ID:** **12D0442-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0442	Rowe Industries	Water	April 10, 2012 1:00 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
156-59-2	**cis-1,2-Dichloroethylene**	**1.8**		ug/L	0.030	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
75-09-2	**Methylene chloride**	**0.63**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
91-20-3	**Naphthalene**	**0.12**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
127-18-4	**Tetrachloroethylene**	**63**		ug/L	0.27	2.5	5	EPA SW846-8260B	04/15/2012 01:41	04/17/2012 02:26	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
79-01-6	**Trichloroethylene**	**1.0**		ug/L	0.067	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/15/2012 01:41	04/15/2012 01:41	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.5 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.0 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*81.2-127*

Sample Information

Client Sample ID: WQ41012:1305FRW-2 **York Sample ID:** 12D0442-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0442	Rowe Industries	Water	April 10, 2012 1:05 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS

Sample Information

Client Sample ID: **WQ41012:1305FRW-2** **York Sample ID:** **12D0442-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0442	Rowe Industries	Water	April 10, 2012 1:05 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
156-59-2	**cis-1,2-Dichloroethylene**	**0.39**	J	ug/L	0.030	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
75-09-2	**Methylene chloride**	**0.49**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
127-18-4	**Tetrachloroethylene**	**50**		ug/L	0.27	2.5	5	EPA SW846-8260B	04/15/2012 02:16	04/17/2012 03:08	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
79-01-6	**Trichloroethylene**	**0.78**		ug/L	0.067	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/15/2012 02:16	04/15/2012 02:16	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.1 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*81.2-127*

Sample Information

Client Sample ID: WQ41012:1310FRW-3 **York Sample ID:** 12D0442-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0442	Rowe Industries	Water	April 10, 2012 1:10 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
108-67-8	**1,3,5-Trimethylbenzene**	**0.18**	J	ug/L	0.038	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS

Sample Information

Client Sample ID: **WQ41012:1310FRW-3** **York Sample ID:** **12D0442-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0442	Rowe Industries	Water	April 10, 2012 1:10 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
156-59-2	**cis-1,2-Dichloroethylene**	**5.3**		ug/L	0.030	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
98-82-8	**Isopropylbenzene**	**1.6**		ug/L	0.090	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
75-09-2	**Methylene chloride**	**0.47**	J	ug/L	0.12	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
91-20-3	**Naphthalene**	**0.13**	J	ug/L	0.040	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
103-65-1	**n-Propylbenzene**	**0.99**		ug/L	0.075	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
95-47-6	**o-Xylene**	**0.13**	J	ug/L	0.031	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
1330-20-7P/M	**p- & m- Xylenes**	**0.12**	J	ug/L	0.086	1.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
99-87-6	**p-Isopropyltoluene**	**0.20**	J	ug/L	0.072	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
135-98-8	**sec-Butylbenzene**	**0.11**	J	ug/L	0.066	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
127-18-4	**Tetrachloroethylene**	**23**		ug/L	0.054	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
79-01-6	**Trichloroethylene**	**1.0**		ug/L	0.067	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
75-01-4	**Vinyl Chloride**	**0.16**	J	ug/L	0.060	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS
1330-20-7	**Xylenes, Total**	**0.25**	J	ug/L	0.12	1.5	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 02:50	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.7 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.7 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*119 %*	*81.2-127*

Sample Information

Client Sample ID: WQ41012:1315FRW-4 **York Sample ID:** 12D0442-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0442	Rowe Industries	Water	April 10, 2012 1:15 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
71-55-6	**1,1,1-Trichloroethane**	**0.10**	J	ug/L	0.043	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
75-27-4	**Bromodichloromethane**	**0.28**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS

Sample Information

Client Sample ID: WQ41012:1315FRW-4 **York Sample ID:** 12D0442-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0442	Rowe Industries	Water	April 10, 2012 1:15 pm	04/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
156-59-2	**cis-1,2-Dichloroethylene**	**1.8**		ug/L	0.030	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
75-09-2	**Methylene chloride**	**0.50**	J	ug/L	0.12	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
127-18-4	**Tetrachloroethylene**	**12**		ug/L	0.054	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
79-01-6	**Trichloroethylene**	**0.79**		ug/L	0.067	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/14/2012 17:00	04/15/2012 03:25	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.5 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.0 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*114 %*	*81.2-127*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BD20539 **Preparation Method:** EPA 5030B **Prepared By:** AY

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

Batch ID: BD20609 **Preparation Method:** EPA 5030B **Prepared By:** AY

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

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20539 - EPA 5030B											
Blank (BD20539-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								

Prepared & Analyzed: 04/14/2012

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20539 - EPA 5030B											
Blank (BD20539-BLK1)								Prepared & Analyzed: 04/14/2012			
sec-Butylbenzene	ND	0.50	ug/L								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.39*		*"*	*10.0*		*93.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.94*		*"*	*10.0*		*99.4*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				
LCS (BD20539-BS1)								Prepared & Analyzed: 04/14/2012			
1,1,1,2-Tetrachloroethane	9.83		ug/L	10.0		98.3	82.3-130				
1,1,1-Trichloroethane	8.89		"	10.0		88.9	75.6-137				
1,1,2,2-Tetrachloroethane	9.74		"	10.0		97.4	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.70		"	10.0		87.0	71.1-129				
1,1,2-Trichloroethane	10.2		"	10.0		102	74.5-129				
1,1-Dichloroethane	9.80		"	10.0		98.0	79.6-132				
1,1-Dichloroethylene	9.52		"	10.0		95.2	80.2-146				
1,1-Dichloropropylene	12.3		"	10.0		123	75-136				
1,2,3-Trichlorobenzene	9.96		"	10.0		99.6	66.1-136				
1,2,3-Trichloropropane	9.48		"	10.0		94.8	63-131				
1,2,4-Trichlorobenzene	10.3		"	10.0		103	70.6-136				
1,2,4-Trimethylbenzene	9.01		"	10.0		90.1	75.3-135				
1,2-Dibromo-3-chloropropane	8.89		"	10.0		88.9	58.9-140				
1,2-Dibromoethane	10.6		"	10.0		106	79-130				
1,2-Dichlorobenzene	9.12		"	10.0		91.2	76.1-122				
1,2-Dichloroethane	9.57		"	10.0		95.7	74.6-132				
1,2-Dichloropropane	10.2		"	10.0		102	76.9-129				
1,3,5-Trimethylbenzene	8.49		"	10.0		84.9	70.6-127				
1,3-Dichlorobenzene	8.78		"	10.0		87.8	77-124				
1,3-Dichloropropane	10.0		"	10.0		100	75.8-126				
1,4-Dichlorobenzene	8.75		"	10.0		87.5	76.6-125				
2,2-Dichloropropane	9.87		"	10.0		98.7	69-133				
2-Chlorotoluene	8.73		"	10.0		87.3	66.3-119				
2-Hexanone	10.9		"	10.0		109	70-130				
4-Chlorotoluene	9.39		"	10.0		93.9	69.2-127				
Acetone	5.55		"	10.0		55.5	70-130	Low Bias			
Benzene	9.39		"	10.0		93.9	76.2-129				
Bromobenzene	9.21		"	10.0		92.1	71.3-123				
Bromochloromethane	10.7		"	10.0		107	70.8-137				
Bromodichloromethane	10.5		"	10.0		105	79.7-134				
Bromoform	9.34		"	10.0		93.4	70.5-141				
Bromomethane	10.2		"	10.0		102	43.9-147				
Carbon tetrachloride	11.3		"	10.0		113	78.1-138				
Chlorobenzene	9.47		"	10.0		94.7	80.4-125				
Chloroethane	8.80		"	10.0		88.0	55.8-140				
Chloroform	9.09		"	10.0		90.9	76.6-133				
Chloromethane	7.20		"	10.0		72.0	48.8-115				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20539 - EPA 5030B											
LCS (BD20539-BS1)							Prepared & Analyzed: 04/14/2012				
cis-1,2-Dichloroethylene	9.51		ug/L	10.0		95.1	75.1-128				
cis-1,3-Dichloropropylene	9.86		"	10.0		98.6	74.5-128				
Dibromochloromethane	9.71		"	10.0		97.1	79.8-134				
Dibromomethane	10.5		"	10.0		105	79-130				
Dichlorodifluoromethane	6.14		"	10.0		61.4	47.1-101				
Ethyl Benzene	9.74		"	10.0		97.4	80.8-128				
Hexachlorobutadiene	8.31		"	10.0		83.1	64.8-128				
Isopropylbenzene	9.27		"	10.0		92.7	75.5-135				
Methyl tert-butyl ether (MTBE)	14.0		"	10.0		140	65.1-140				
Methylene chloride	7.14		"	10.0		71.4	61.3-120				
Naphthalene	9.21		"	10.0		92.1	62.3-148				
n-Butylbenzene	8.57		"	10.0		85.7	67.2-123				
n-Propylbenzene	8.65		"	10.0		86.5	70.5-127				
o-Xylene	9.34		"	10.0		93.4	75.9-122				
p- & m- Xylenes	19.0		"	20.0		94.9	77.7-127				
p-Isopropyltoluene	8.67		"	10.0		86.7	75.6-129				
sec-Butylbenzene	8.55		"	10.0		85.5	71.5-125				
Styrene	9.70		"	10.0		97.0	77.8-123				
tert-Butylbenzene	9.36		"	10.0		93.6	75.9-151				
Tetrachloroethylene	9.40		"	10.0		94.0	63.6-167				
Toluene	9.45		"	10.0		94.5	77-123				
trans-1,2-Dichloroethylene	9.14		"	10.0		91.4	76.3-139				
trans-1,3-Dichloropropylene	11.1		"	10.0		111	72.5-137				
Trichloroethylene	9.53		"	10.0		95.3	77.9-130				
Trichlorofluoromethane	7.70		"	10.0		77.0	57.4-133				
Vinyl Chloride	8.16		"	10.0		81.6	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.99*		*"*	*10.0*		*99.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.74*		*"*	*10.0*		*97.4*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20539 - EPA 5030B											
LCS Dup (BD20539-BSD1)							Prepared & Analyzed: 04/14/2012				
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82.3-130		3.30	21.1	
1,1,1-Trichloroethane	9.53		"	10.0		95.3	75.6-137		6.95	19.7	
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	71.3-131		7.13	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.59		"	10.0		95.9	71.1-129		9.73	21.7	
1,1,2-Trichloroethane	10.6		"	10.0		106	74.5-129		4.23	20.3	
1,1-Dichloroethane	10.3		"	10.0		103	79.6-132		4.78	20.6	
1,1-Dichloroethylene	10.1		"	10.0		101	80.2-146		5.62	20	
1,1-Dichloropropylene	12.5		"	10.0		125	75-136		1.69	19.3	
1,2,3-Trichlorobenzene	10.9		"	10.0		109	66.1-136		9.10	21.6	
1,2,3-Trichloropropane	9.42		"	10.0		94.2	63-131		0.635	23.9	
1,2,4-Trichlorobenzene	11.5		"	10.0		115	70.6-136		11.2	21.7	
1,2,4-Trimethylbenzene	9.58		"	10.0		95.8	75.3-135		6.13	18.8	
1,2-Dibromo-3-chloropropane	9.85		"	10.0		98.5	58.9-140		10.2	27.7	
1,2-Dibromoethane	11.1		"	10.0		111	79-130		4.23	23	
1,2-Dichlorobenzene	9.49		"	10.0		94.9	76.1-122		3.98	19.8	
1,2-Dichloroethane	9.96		"	10.0		99.6	74.6-132		3.99	20.2	
1,2-Dichloropropane	10.8		"	10.0		108	76.9-129		6.11	20.7	
1,3,5-Trimethylbenzene	9.15		"	10.0		91.5	70.6-127		7.48	18.9	
1,3-Dichlorobenzene	9.38		"	10.0		93.8	77-124		6.61	19.2	
1,3-Dichloropropane	10.5		"	10.0		105	75.8-126		4.29	22.1	
1,4-Dichlorobenzene	9.45		"	10.0		94.5	76.6-125		7.69	18.6	
2,2-Dichloropropane	10.2		"	10.0		102	69-133		3.39	19.8	
2-Chlorotoluene	9.16		"	10.0		91.6	66.3-119		4.81	21.6	
2-Hexanone	12.0		"	10.0		120	70-130		9.76	30	
4-Chlorotoluene	9.85		"	10.0		98.5	69.2-127		4.78	19	
Acetone	6.03		"	10.0		60.3	70-130	Low Bias	8.29	30	
Benzene	10.0		"	10.0		100	76.2-129		6.69	19	
Bromobenzene	9.52		"	10.0		95.2	71.3-123		3.31	20.3	
Bromochloromethane	10.9		"	10.0		109	70.8-137		1.48	23.9	
Bromodichloromethane	10.8		"	10.0		108	79.7-134		2.63	21	
Bromoform	9.76		"	10.0		97.6	70.5-141		4.40	21.8	
Bromomethane	11.8		"	10.0		118	43.9-147		14.4	28.4	
Carbon tetrachloride	11.5		"	10.0		115	78.1-138		2.01	20.1	
Chlorobenzene	9.90		"	10.0		99.0	80.4-125		4.44	19.9	
Chloroethane	9.41		"	10.0		94.1	55.8-140		6.70	23.3	
Chloroform	9.61		"	10.0		96.1	76.6-133		5.56	20.3	
Chloromethane	7.60		"	10.0		76.0	48.8-115		5.41	24.5	
cis-1,2-Dichloroethylene	9.98		"	10.0		99.8	75.1-128		4.82	20.5	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128		5.62	19.9	
Dibromochloromethane	10.3		"	10.0		103	79.8-134		5.70	21.3	
Dibromomethane	11.1		"	10.0		111	79-130		5.92	22.4	
Dichlorodifluoromethane	6.64		"	10.0		66.4	47.1-101		7.82	23.9	
Ethyl Benzene	10.3		"	10.0		103	80.8-128		5.69	19.2	
Hexachlorobutadiene	9.08		"	10.0		90.8	64.8-128		8.86	20.6	
Isopropylbenzene	9.68		"	10.0		96.8	75.5-135		4.33	20	
Methyl tert-butyl ether (MTBE)	14.3		"	10.0		143	65.1-140	High Bias	2.05	23.6	
Methylene chloride	7.60		"	10.0		76.0	61.3-120		6.24	20.4	
Naphthalene	10.7		"	10.0		107	62.3-148		14.7	27.1	
n-Butylbenzene	9.13		"	10.0		91.3	67.2-123		6.33	19.1	
n-Propylbenzene	9.16		"	10.0		91.6	70.5-127		5.73	23.4	
o-Xylene	9.81		"	10.0		98.1	75.9-122		4.91	19.3	
p- & m- Xylenes	20.0		"	20.0		100	77.7-127		5.33	18.6	
p-Isopropyltoluene	9.22		"	10.0		92.2	75.6-129		6.15	19.1	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20539 - EPA 5030B											
LCS Dup (BD20539-BSD1)								Prepared & Analyzed: 04/14/2012			
sec-Butylbenzene	9.16		ug/L	10.0		91.6	71.5-125		6.89	18.9	
Styrene	10.1		"	10.0		101	77.8-123		4.44	20.9	
tert-Butylbenzene	9.96		"	10.0		99.6	75.9-151		6.21	20.9	
Tetrachloroethylene	10.5		"	10.0		105	63.6-167		11.3	27.7	
Toluene	10.1		"	10.0		101	77-123		6.35	18.7	
trans-1,2-Dichloroethylene	9.84		"	10.0		98.4	76.3-139		7.38	19.5	
trans-1,3-Dichloropropylene	11.3		"	10.0		113	72.5-137		1.16	19.3	
Trichloroethylene	9.87		"	10.0		98.7	77.9-130		3.51	20.5	
Trichlorofluoromethane	8.47		"	10.0		84.7	57.4-133		9.52	21.4	
Vinyl Chloride	8.91		"	10.0		89.1	54.9-124		8.79	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.80*		*"*	*10.0*		*98.0*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.75*		*"*	*10.0*		*97.5*	*63.5-145*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81.2-127*				
Batch BD20609 - EPA 5030B											
Blank (BD20609-BLK1)								Prepared: 04/16/2012 Analyzed: 04/17/2012			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	8.9	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20609 - EPA 5030B											
Blank (BD20609-BLK1)											Prepared: 04/16/2012 Analyzed: 04/17/2012
Chloromethane	ND	0.50	ug/L								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	5.6	2.0	"								
Naphthalene	0.56	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.52*		*"*	*10.0*		*95.2*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.85*		*"*	*10.0*		*98.5*	*63.5-145*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*81.2-127*				

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

York Analytical Laboratories, Inc.

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

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20609 - EPA 5030B											
LCS (BD20609-BS1)									Prepared: 04/16/2012 Analyzed: 04/17/2012		
sec-Butylbenzene	8.61		ug/L	10.0		86.1	71.5-125				
Styrene	9.99		"	10.0		99.9	77.8-123				
tert-Butylbenzene	9.16		"	10.0		91.6	75.9-151				
Tetrachloroethylene	10.3		"	10.0		103	63.6-167				
Toluene	9.70		"	10.0		97.0	77-123				
trans-1,2-Dichloroethylene	9.37		"	10.0		93.7	76.3-139				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137				
Trichloroethylene	9.65		"	10.0		96.5	77.9-130				
Trichlorofluoromethane	8.59		"	10.0		85.9	57.4-133				
Vinyl Chloride	9.01		"	10.0		90.1	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.45*		*"*	*10.0*		*94.5*	*63.5-145*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81.2-127*				
LCS Dup (BD20609-BSD1)									Prepared: 04/16/2012 Analyzed: 04/17/2012		
1,1,1,2-Tetrachloroethane	9.76		ug/L	10.0		97.6	82.3-130		1.03	21.1	
1,1,1-Trichloroethane	9.69		"	10.0		96.9	75.6-137		5.51	19.7	
1,1,2,2-Tetrachloroethane	9.30		"	10.0		93.0	71.3-131		1.95	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.91		"	10.0		99.1	71.1-129		6.14	21.7	
1,1,2-Trichloroethane	9.87		"	10.0		98.7	74.5-129		1.41	20.3	
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132		2.34	20.6	
1,1-Dichloroethylene	10.2		"	10.0		102	80.2-146		0.592	20	
1,1-Dichloropropylene	13.3		"	10.0		133	75-136		5.24	19.3	
1,2,3-Trichlorobenzene	9.89		"	10.0		98.9	66.1-136		1.41	21.6	
1,2,3-Trichloropropane	8.33		"	10.0		83.3	63-131		2.37	23.9	
1,2,4-Trichlorobenzene	10.4		"	10.0		104	70.6-136		0.672	21.7	
1,2,4-Trimethylbenzene	9.33		"	10.0		93.3	75.3-135		2.39	18.8	
1,2-Dibromo-3-chloropropane	9.18		"	10.0		91.8	58.9-140		4.23	27.7	
1,2-Dibromoethane	10.4		"	10.0		104	79-130		2.18	23	
1,2-Dichlorobenzene	9.07		"	10.0		90.7	76.1-122		0.220	19.8	
1,2-Dichloroethane	9.80		"	10.0		98.0	74.6-132		0.306	20.2	
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129		0.0963	20.7	
1,3,5-Trimethylbenzene	8.85		"	10.0		88.5	70.6-127		1.59	18.9	
1,3-Dichlorobenzene	8.81		"	10.0		88.1	77-124		0.791	19.2	
1,3-Dichloropropane	9.70		"	10.0		97.0	75.8-126		3.35	22.1	
1,4-Dichlorobenzene	9.30		"	10.0		93.0	76.6-125		5.41	18.6	
2,2-Dichloropropane	8.50		"	10.0		85.0	69-133		0.827	19.8	
2-Chlorotoluene	8.97		"	10.0		89.7	66.3-119		1.80	21.6	
2-Hexanone	9.86		"	10.0		98.6	70-130		1.12	30	
4-Chlorotoluene	9.44		"	10.0		94.4	69.2-127		2.47	19	
Acetone	11.9		"	10.0		119	70-130		2.16	30	
Benzene	10.0		"	10.0		100	76.2-129		2.32	19	
Bromobenzene	8.99		"	10.0		89.9	71.3-123		0.558	20.3	
Bromochloromethane	10.8		"	10.0		108	70.8-137		0.931	23.9	
Bromodichloromethane	10.3		"	10.0		103	79.7-134		0.0968	21	
Bromoform	8.97		"	10.0		89.7	70.5-141		0.556	21.8	
Bromomethane	11.2		"	10.0		112	43.9-147		1.16	28.4	
Carbon tetrachloride	12.3		"	10.0		123	78.1-138		6.70	20.1	
Chlorobenzene	9.76		"	10.0		97.6	80.4-125		2.38	19.9	
Chloroethane	9.60		"	10.0		96.0	55.8-140		1.36	23.3	
Chloroform	9.60		"	10.0		96.0	76.6-133		1.36	20.3	
Chloromethane	8.26		"	10.0		82.6	48.8-115		2.82	24.5	
cis-1,2-Dichloroethylene	9.87		"	10.0		98.7	75.1-128		0.712	20.5	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD20609 - EPA 5030B											
LCS Dup (BD20609-BSD1)									Prepared: 04/16/2012 Analyzed: 04/17/2012		
cis-1,3-Dichloropropylene	9.27		ug/L	10.0		92.7	74.5-128		2.98	19.9	
Dibromochloromethane	9.52		"	10.0		95.2	79.8-134		1.56	21.3	
Dibromomethane	10.1		"	10.0		101	79-130		7.09	22.4	
Dichlorodifluoromethane	7.90		"	10.0		79.0	47.1-101		6.54	23.9	
Ethyl Benzene	10.3		"	10.0		103	80.8-128		2.26	19.2	
Hexachlorobutadiene	9.11		"	10.0		91.1	64.8-128		5.18	20.6	
Isopropylbenzene	9.50		"	10.0		95.0	75.5-135		4.08	20	
Methyl tert-butyl ether (MTBE)	12.4		"	10.0		124	65.1-140		5.62	23.6	
Methylene chloride	11.7		"	10.0		117	61.3-120		0.00	20.4	
Naphthalene	9.23		"	10.0		92.3	62.3-148		1.29	27.1	
n-Butylbenzene	8.72		"	10.0		87.2	67.2-123		3.50	19.1	
n-Propylbenzene	9.24		"	10.0		92.4	70.5-127		3.97	23.4	
o-Xylene	9.70		"	10.0		97.0	75.9-122		1.24	19.3	
p- & m- Xylenes	20.1		"	20.0		100	77.7-127		1.96	18.6	
p-Isopropyltoluene	8.89		"	10.0		88.9	75.6-129		3.55	19.1	
sec-Butylbenzene	8.92		"	10.0		89.2	71.5-125		3.54	18.9	
Styrene	10.1		"	10.0		101	77.8-123		1.10	20.9	
tert-Butylbenzene	9.53		"	10.0		95.3	75.9-151		3.96	20.9	
Tetrachloroethylene	9.84		"	10.0		98.4	63.6-167		4.47	27.7	
Toluene	9.91		"	10.0		99.1	77-123		2.14	18.7	
trans-1,2-Dichloroethylene	9.52		"	10.0		95.2	76.3-139		1.59	19.5	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		0.00	19.3	
Trichloroethylene	9.76		"	10.0		97.6	77.9-130		1.13	20.5	
Trichlorofluoromethane	9.07		"	10.0		90.7	57.4-133		5.44	21.4	
Vinyl Chloride	9.34		"	10.0		93.4	54.9-124		3.60	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.30*		*"*	*10.0*		*93.0*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				

Notes and Definitions

QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

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

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

Field Chain-of-Custody Record

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

York Project No. 12D0442

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: LBG	SAME ☐	SAME ☐	Rowe Industries	RUSH Same Day	Summary x, pdf
Address: 4 Research Drive, Suite 301, Shelton CT, 06484	Name: Tunde Sandor	Name: Mark Goldberg		RUSH Next Day	QA/QC Summary x, pdf
Phone no.: 203-929-8555	Company: Same	Company: Same	Purchase Order no. NABSAG	RUSH Two Day	CT RCP Pkg
Contact Person Tunde Sandor	Address:	Address:		RUSH Three Day	ASP A Pkg
E-mail Addr.: Tsandor@lbgct.com	E-mail:	E-mail		RUSH Four Day	ASP B Pkg x, pdf
FAX No.: 203-926-9140	Fax No.:	Fax No.:	Samples from: CT__ NY__ NJ__	Standard (5-7 days) X	Excel
				OTHER	EDD x, Excel

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

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc	Helium	TAGM	Silica	MBAS	TPH-IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ41012:1300FRW-1	4/10/12 1300	GW	VOC 8260 full list (EPA SW846-8260B)	ZV
WQ41012:1305FRW-2	1305	GW	VOC 8260 full list (EPA SW846-8260B)	
WQ41012:1310FRW-3	1310	GW	VOC 8260 full list (EPA SW846-8260B)	
WQ41012:1315FRW-4	1315	GW	VOC 8260 full list (EPA SW846-8260B)	
		GW	VOC 8260 full list (EPA SW846-8260B)	
		GW	VOC 8260 full list (EPA SW846-8260B)	
		GW	VOC 8260 full list (EPA SW846-8260B)	
		GW	VOC 8260 full list (EPA SW846-8260B)	

Comments

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

Samples Relinquished By — Date/Time: 4/12/12 11:05
Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 4/12/12 11:05
Samples Received in LAB by — Date/Time: 4/12/12 1510

Temperature on Receipt: 4.1 °C

APPENDIX III
APRIL 2012 LABORATORY ANALYTICAL REPORTS
FOR AIR SAMPLES

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

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

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

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 24, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12D0745-01	AQ42312:1100NP4-1	Vapor Extraction	04/23/2012	04/24/2012
12D0745-02	AQ42312:1105NP4-2	Vapor Extraction	04/23/2012	04/24/2012
12D0745-03	AQ42312:1110NP4-3	Vapor Extraction	04/23/2012	04/24/2012

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

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

Approved By:  **Date:** 05/01/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: AQ42312:1100NP4-1 **York Sample ID:** 12D0745-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0745	Rowe Industries	Vapor Extraction	April 23, 2012 11:00 am	04/24/2012

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	**1,1,1-Trichloroethane**	**5.6**		ug/m³	0.17	0.93	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.28	1.2	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**2.9**		ug/m³	0.091	1.3	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.23	0.93	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-34-3	**1,1-Dichloroethane**	**2.9**		ug/m³	0.082	0.69	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.10	0.67	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.28	1.3	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.10	4.2	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.3	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.26	1.0	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.16	0.69	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.17	0.78	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.20	1.2	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.11	1.7	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.11	0.74	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.18	1.0	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.22	1.0	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.55	6.1	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
78-93-3	2-Butanone	ND		ug/m³	0.20	0.50	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
591-78-6	2-Hexanone	ND		ug/m³	0.38	1.4	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.25	0.70	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
67-64-1	**Acetone**	**28**		ug/m³	0.13	0.40	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
71-43-2	**Benzene**	**2.3**		ug/m³	0.081	0.54	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.11	0.88	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.25	1.1	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-25-2	Bromoform	ND		ug/m³	0.32	1.8	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
74-83-9	Bromomethane	ND		ug/m³	0.079	0.66	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-15-0	**Carbon disulfide**	**1.6**		ug/m³	0.063	0.53	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.13	0.53	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.14	0.78	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-00-3	Chloroethane	ND		ug/m³	0.054	0.45	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
67-66-3	**Chloroform**	**3.2**		ug/m³	0.12	0.83	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.11	0.35	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.11	0.67	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD

Sample Information

Client Sample ID: **AQ42312:1100NP4-1** **York Sample ID:** **12D0745-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0745	Rowe Industries	Vapor Extraction	April 23, 2012 11:00 am	04/24/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.19	0.77	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
110-82-7	Cyclohexane	ND		ug/m³	0.070	0.58	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.21	0.84	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.15	0.61	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
100-41-4	**Ethyl Benzene**	**2.2**		ug/m³	0.13	0.74	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.33	1.8	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
67-63-0	**Isopropanol**	**8.3**		ug/m³	0.15	0.42	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.073	0.61	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-09-2	**Methylene chloride**	**3.3**		ug/m³	0.14	0.59	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
142-82-5	**n-Heptane**	**1.9**		ug/m³	0.083	0.70	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
110-54-3	**n-Hexane**	**4.7**		ug/m³	0.072	0.60	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
95-47-6	**o-Xylene**	**2.2**		ug/m³	0.13	0.74	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
1330-20-7P/M	**p- & m- Xylenes**	**6.5**		ug/m³	0.25	0.74	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.15	4.2	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
115-07-01	Propylene	ND		ug/m³	0.13	0.29	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
100-42-5	Styrene	ND		ug/m³	0.13	0.72	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
127-18-4	**Tetrachloroethylene**	**8.5**		ug/m³	0.14	1.2	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.13	0.50	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
108-88-3	**Toluene**	**11**		ug/m³	0.15	0.64	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.081	0.67	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.14	0.77	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
79-01-6	**Trichloroethylene**	**2.2**		ug/m³	0.11	0.46	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**3.0**		ug/m³	0.057	0.95	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.090	1.2	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.87	1.669	EPA TO-15	04/30/2012 11:00	05/01/2012 05:55	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*70-130*

Sample Information

Client Sample ID: **AQ42312:1105NP4-2** **York Sample ID:** **12D0745-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0745	Rowe Industries	Vapor Extraction	April 23, 2012 11:05 am	04/24/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **AQ42312:1105NP4-2** **York Sample ID:** **12D0745-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0745	Rowe Industries	Vapor Extraction	April 23, 2012 11:05 am	04/24/2012

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	**1,1,1-Trichloroethane**	**17**		ug/m³	0.19	1.0	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.31	1.3	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.10	1.5	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.26	1.0	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-34-3	**1,1-Dichloroethane**	**7.6**		ug/m³	0.093	0.77	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.11	0.76	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.31	1.4	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.11	4.7	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.5	1.5	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.29	1.1	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.19	0.77	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.19	0.88	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.23	1.3	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.12	1.9	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.12	0.83	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.21	1.1	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.25	1.1	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.62	6.9	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
78-93-3	2-Butanone	ND		ug/m³	0.22	0.56	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
591-78-6	**2-Hexanone**	**3.2**		ug/m³	0.43	1.6	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.28	0.78	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
67-64-1	**Acetone**	**28**		ug/m³	0.14	0.45	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
71-43-2	**Benzene**	**4.1**		ug/m³	0.091	0.61	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.12	0.99	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.28	1.2	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-25-2	Bromoform	ND		ug/m³	0.35	2.0	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
74-83-9	Bromomethane	ND		ug/m³	0.089	0.74	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-15-0	**Carbon disulfide**	**1.5**		ug/m³	0.071	0.59	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.14	0.60	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.16	0.88	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-00-3	Chloroethane	ND		ug/m³	0.060	0.50	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
67-66-3	**Chloroform**	**4.1**		ug/m³	0.14	0.93	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
74-87-3	**Chloromethane**	**1.5**		ug/m³	0.12	0.39	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.13	0.76	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.22	0.87	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
110-82-7	Cyclohexane	ND		ug/m³	0.079	0.66	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD

Sample Information

Client Sample ID: AQ42312:1105NP4-2 **York Sample ID:** 12D0745-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0745	Rowe Industries	Vapor Extraction	April 23, 2012 11:05 am	04/24/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.5	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	0.24	0.94	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.17	0.69	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
100-41-4	**Ethyl Benzene**	**2.3**		ug/m³	0.15	0.83	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.37	2.0	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
67-63-0	**Isopropanol**	**2.8**		ug/m³	0.16	0.47	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.082	0.69	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-09-2	**Methylene chloride**	**3.8**		ug/m³	0.16	0.66	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
142-82-5	**n-Heptane**	**2.7**		ug/m³	0.094	0.78	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
110-54-3	**n-Hexane**	**20**		ug/m³	0.081	0.67	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
95-47-6	**o-Xylene**	**1.5**		ug/m³	0.15	0.83	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
1330-20-7P/M	**p- & m- Xylenes**	**5.1**		ug/m³	0.28	0.83	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.17	4.7	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
115-07-01	Propylene	ND		ug/m³	0.15	0.33	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
100-42-5	Styrene	ND		ug/m³	0.15	0.81	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
127-18-4	**Tetrachloroethylene**	**110**		ug/m³	0.16	1.3	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.14	0.56	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
108-88-3	**Toluene**	**14**		ug/m³	0.17	0.72	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.091	0.76	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.16	0.87	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
79-01-6	**Trichloroethylene**	**1.7**		ug/m³	0.12	0.51	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**2.4**		ug/m³	0.064	1.1	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.10	1.3	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.97	1.874	EPA TO-15	04/30/2012 11:00	05/01/2012 06:43	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*70-130*

Sample Information

Client Sample ID: AQ42312:1110NP4-3 **York Sample ID:** 12D0745-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0745	Rowe Industries	Vapor Extraction	April 23, 2012 11:10 am	04/24/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	**1,1,1-Trichloroethane**	**4.4**		ug/m³	0.17	0.97	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: **AQ42312:1110NP4-3** **York Sample ID:** **12D0745-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0745	Rowe Industries	Vapor Extraction	April 23, 2012 11:10 am	04/24/2012

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.29	1.2	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**2.9**		ug/m³	0.095	1.4	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.24	0.97	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-34-3	**1,1-Dichloroethane**	**6.7**		ug/m³	0.086	0.72	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.11	0.70	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.29	1.3	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.10	4.4	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.4	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.27	1.1	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.17	0.72	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.18	0.82	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.21	1.2	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.11	1.7	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.12	0.77	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.19	1.1	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.23	1.1	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.58	6.4	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
78-93-3	2-Butanone	ND		ug/m³	0.21	0.52	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
591-78-6	2-Hexanone	ND		ug/m³	0.40	1.5	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.26	0.73	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
67-64-1	**Acetone**	**13**		ug/m³	0.13	0.42	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
71-43-2	**Benzene**	**1.8**		ug/m³	0.085	0.57	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.11	0.92	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.26	1.1	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-25-2	Bromoform	ND		ug/m³	0.33	1.8	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
74-83-9	Bromomethane	ND		ug/m³	0.083	0.69	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-15-0	**Carbon disulfide**	**1.3**		ug/m³	0.066	0.55	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.13	0.56	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.15	0.82	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-00-3	Chloroethane	ND		ug/m³	0.056	0.47	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
67-66-3	**Chloroform**	**2.2**		ug/m³	0.13	0.87	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
74-87-3	**Chloromethane**	**1.2**		ug/m³	0.11	0.37	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.12	0.70	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.20	0.81	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
110-82-7	Cyclohexane	ND		ug/m³	0.073	0.61	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: AQ42312:1110NP4-3 **York Sample ID:** 12D0745-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12D0745	Rowe Industries	Vapor Extraction	April 23, 2012 11:10 am	04/24/2012

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.22	0.88	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.16	0.64	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
100-41-4	**Ethyl Benzene**	**1.7**		ug/m³	0.14	0.77	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.34	1.9	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
67-63-0	**Isopropanol**	**3.8**		ug/m³	0.15	0.44	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.077	0.64	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-09-2	**Methylene chloride**	**3.2**		ug/m³	0.15	0.62	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
142-82-5	**n-Heptane**	**1.5**		ug/m³	0.087	0.73	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
110-54-3	**n-Hexane**	**4.1**		ug/m³	0.075	0.63	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
95-47-6	**o-Xylene**	**1.5**		ug/m³	0.14	0.77	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
1330-20-7P/M	**p- & m- Xylenes**	**5.0**		ug/m³	0.26	0.77	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.16	4.4	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
115-07-01	Propylene	ND		ug/m³	0.14	0.31	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
100-42-5	Styrene	ND		ug/m³	0.14	0.76	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.14	1.2	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.13	0.52	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
108-88-3	**Toluene**	**9.0**		ug/m³	0.16	0.67	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.084	0.70	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.14	0.81	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.11	0.48	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**3.0**		ug/m³	0.060	1.0	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.094	1.2	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.91	1.744	EPA TO-15	04/30/2012 11:00	05/01/2012 08:17	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*70-130*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BE20024 **Preparation Method:** EPA TO15 PREP **Prepared By:** TD

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

YORK
ANALYTICAL LABORATORIES, INC.

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

York Analytical Laboratories, Inc.

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

Batch BE20024 - EPA TO15 PREP

Blank (BE20024-BLK1) Prepared: 04/30/2012 Analyzed: 05/01/2012

Vinyl Chloride	ND	0.52	ug/m³
Vinyl acetate	ND	0.72	"
Trichloroethylene	ND	0.27	"
trans-1,3-Dichloropropylene	ND	0.46	"
trans-1,2-Dichloroethylene	ND	0.40	"
Toluene	ND	0.38	"
Tetrahydrofuran	ND	0.30	"
Tetrachloroethylene	ND	0.69	"
Styrene	ND	0.43	"
Propylene	ND	0.18	"
p-Ethyltoluene	ND	2.5	"
p- & m- Xylenes	ND	0.44	"
o-Xylene	ND	0.44	"
n-Hexane	ND	0.36	"
n-Heptane	ND	0.42	"
Methylene chloride	0.60	0.35	"
Methyl tert-butyl ether (MTBE)	ND	0.37	"
4-Methyl-2-pentanone	ND	0.42	"
Isopropanol	ND	0.25	"
Hexachlorobutadiene	ND	1.1	"
Ethyl Benzene	ND	0.44	"
Ethyl acetate	ND	0.37	"
Cyclohexane	ND	0.35	"
cis-1,3-Dichloropropylene	ND	0.46	"
cis-1,2-Dichloroethylene	ND	0.40	"
Chloromethane	ND	0.21	"
Chloroform	ND	0.50	"
Chloroethane	ND	0.27	"
Carbon tetrachloride	ND	0.32	"
Carbon disulfide	ND	0.32	"
Bromomethane	ND	0.39	"
Bromoform	ND	1.1	"
Bromodichloromethane	ND	0.63	"
Benzyl chloride	ND	0.53	"
Benzene	ND	0.32	"
Acetone	0.27	0.24	"
2-Hexanone	ND	0.83	"
2-Butanone	ND	0.30	"
1,4-Dioxane	ND	3.7	"
1,4-Dichlorobenzene	ND	0.61	"
1,3-Dichlorobenzene	ND	0.61	"
1,3-Butadiene	ND	0.44	"
1,3,5-Trimethylbenzene	ND	1.0	"
1,2-Dichlorotetrafluoroethane	ND	0.71	"
1,2-Dichloropropane	ND	0.47	"
1,2-Dichloroethane	ND	0.41	"
1,2-Dichlorobenzene	ND	0.61	"
1,2,4-Trimethylbenzene	ND	2.5	"
1,2,4-Trichlorobenzene	ND	0.75	"
1,1-Dichloroethylene	ND	0.40	"
1,1-Dichloroethane	ND	0.41	"
Trichlorofluoromethane (Freon 11)	ND	0.57	"
1,1,2-Trichloroethane	ND	0.55	"

YORK
ANALYTICAL LABORATORIES, INC.

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20024 - EPA TO15 PREP											
Blank (BE20024-BLK1)								Prepared: 04/30/2012 Analyzed: 05/01/2012			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	ug/m³								
1,1,2,2-Tetrachloroethane	ND	0.70	"								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Chlorobenzene	ND	0.47	"								
Surrogate: p-Bromofluorobenzene	*9.80*		*ppbv*	*10.0*		*98.0*	*70-130*				
LCS (BE20024-BS1)								Prepared: 04/30/2012 Analyzed: 05/01/2012			
Vinyl Chloride	10.8		ppbv	10.1		107	70-130				
Vinyl acetate	2.36		"	9.70		24.3	58.1-135	Low Bias			
Trichloroethylene	11.3		"	10.2		111	70-130				
trans-1,3-Dichloropropylene	11.0		"	9.90		111	62-135				
trans-1,2-Dichloroethylene	10.2		"	9.50		107	58.3-130				
Toluene	12.2		"	10.8		113	64.9-126				
Tetrahydrofuran	12.0		"	10.2		118	44.6-146				
Tetrachloroethylene	12.0		"	10.5		114	70-130				
Styrene	12.5		"	10.7		117	66.4-132				
Propylene	11.4		"	11.0		104	62.4-150				
p-Ethyltoluene	14.6		"	10.4		141	73.8-146				
p- & m- Xylenes	23.7		"	21.0		113	56.6-136				
o-Xylene	12.7		"	10.8		117	67.8-133				
n-Hexane	11.1		"	10.3		108	59.7-130				
n-Heptane	11.5		"	10.4		111	62.3-134				
Methylene chloride	8.00		"	10.0		80.0	62.6-130				
Methyl tert-butyl ether (MTBE)	11.6		"	10.2		114	60.7-139				
4-Methyl-2-pentanone	9.01		"	10.0		90.1	64.5-158				
Isopropanol	9.03		"	9.90		91.2	60-150				
Hexachlorobutadiene	13.4		"	11.0		122	61.2-150				
Ethyl Benzene	12.0		"	10.7		112	68.4-125				
Ethyl acetate	14.6		"	10.0		146	40.6-150				
Cyclohexane	11.4		"	10.2		112	60.4-127				
cis-1,3-Dichloropropylene	11.8		"	10.7		110	65.5-129				
cis-1,2-Dichloroethylene	11.0		"	10.5		104	51.3-118				
Chloromethane	10.2		"	10.1		101	64.9-130				
Chloroform	10.4		"	10.0		104	65.1-130				
Chloroethane	10.9		"	10.1		108	52.1-131				
Carbon tetrachloride	10.2		"	10.1		101	70-130				
Carbon disulfide	10.2		"	10.0		102	61.8-111				
Bromomethane	9.96		"	10.2		97.6	60.1-140				
Bromoform	12.1		"	10.5		115	58.7-150				
Bromodichloromethane	11.2		"	10.2		109	65.3-127				
Benzyl chloride	9.76		"	10.2		95.7	62.5-150				
Benzene	11.1		"	10.4		107	69.5-130				
Acetone	10.7		"	10.0		107	55.3-133				
2-Hexanone	7.96		"	10.1		78.8	52-150				
2-Butanone	15.5		"	10.0		155	28.5-154	High Bias			
1,4-Dioxane	8.28		"	10.2		81.2	50-150				
1,4-Dichlorobenzene	12.7		"	10.6		120	62.5-139				
1,3-Dichlorobenzene	12.5		"	10.2		123	71.9-153				
1,3-Butadiene	11.4		"	10.5		108	66.7-127				
1,3,5-Trimethylbenzene	13.0		"	10.6		122	65-152				

YORK
ANALYTICAL LABORATORIES, INC.

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20024 - EPA TO15 PREP											
LCS (BE20024-BS1)										Prepared: 04/30/2012 Analyzed: 05/01/2012	
1,2-Dichlorotetrafluoroethane	10.3		ppbv	10.1		102	63.3-129				
1,2-Dichloropropane	11.5		"	10.7		108	21.3-152				
1,2-Dichloroethane	11.1		"	10.4		106	51.2-124				
1,2-Dichlorobenzene	12.2		"	10.6		115	63.7-148				
1,2,4-Trimethylbenzene	13.6		"	10.7		127	67.9-152				
1,2,4-Trichlorobenzene	13.1		"	11.0		119	58-147				
1,1-Dichloroethylene	10.3		"	9.80		105	58.1-130				
1,1-Dichloroethane	10.8		"	10.2		106	63.3-130				
Trichlorofluoromethane (Freon 11)	9.90		"	10.5		94.3	56-132				
1,1,2-Trichloroethane	12.0		"	10.7		112	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.87		"	9.70		102	60.2-125				
1,1,2,2-Tetrachloroethane	10.4		"	10.8		96.8	63.7-132				
1,1,1-Trichloroethane	11.0		"	10.4		106	58.2-126				
Dichlorodifluoromethane	10.1		"	10.0		101	62.8-133				
1,2-Dibromoethane	12.0		"	10.6		113	70-130				
Dibromochloromethane	12.1		"	10.6		114	70-130				
Chlorobenzene	11.9		"	10.8		110	67.6-122				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*70-130*				
Duplicate (BE20024-DUP1)	*Source sample: 12D0745-02 (AQ42312:1105NP4-2)									Prepared: 04/30/2012 Analyzed: 05/01/2012	
Vinyl Chloride	ND	0.97	ug/m³		ND					25	
Vinyl acetate	ND	1.3	"		ND					25	
Trichloroethylene	1.9	0.51	"		1.7				11.1	25	
trans-1,3-Dichloropropylene	ND	0.87	"		ND					25	
trans-1,2-Dichloroethylene	ND	0.76	"		ND					25	
Toluene	15	0.72	"		14				5.38	25	
Tetrahydrofuran	ND	0.56	"		ND					25	
Tetrachloroethylene	110	1.3	"		110				4.11	25	
Styrene	ND	0.81	"		ND					25	
Propylene	ND	0.33	"		ND					25	
p-Ethyltoluene	1.4	4.7	"		1.4				0.00	25	
p- & m- Xylenes	5.0	0.83	"		5.1				1.63	25	
o-Xylene	1.5	0.83	"		1.5				0.00	25	
n-Hexane	20	0.67	"		20				0.988	25	
n-Heptane	2.7	0.78	"		2.7				0.00	25	
Methylene chloride	4.0	0.66	"		3.8				3.39	25	
Methyl tert-butyl ether (MTBE)	ND	0.69	"		ND					25	
4-Methyl-2-pentanone	ND	0.78	"		ND					25	
Isopropanol	3.0	0.47	"		2.8				4.88	25	
Hexachlorobutadiene	ND	2.0	"		ND					25	
Ethyl Benzene	2.3	0.83	"		2.3				0.00	25	
Ethyl acetate	ND	0.69	"		ND					25	
Cyclohexane	ND	0.66	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.87	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.76	"		ND					25	
Chloromethane	1.6	0.39	"		1.5				2.53	25	
Chloroform	4.2	0.93	"		4.1				2.25	25	
Chloroethane	ND	0.50	"		ND					25	
Carbon tetrachloride	ND	0.60	"		ND					25	
Carbon disulfide	1.6	0.59	"		1.5				3.77	25	
Bromomethane	ND	0.74	"		ND					25	
Bromoform	ND	2.0	"		ND					25	
Bromodichloromethane	ND	1.2	"		ND					25	

YORK
ANALYTICAL LABORATORIES, INC.

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20024 - EPA TO15 PREP											
Duplicate (BE20024-DUP1)	*Source sample: 12D0745-02 (AQ42312:1105NP4-2)								Prepared: 04/30/2012 Analyzed: 05/01/2012		
Benzyl chloride	ND	0.99	ug/m³		ND					25	
Benzene	4.2	0.61	"		4.1				2.94	25	
Acetone	28	0.45	"		28				2.75	25	
2-Hexanone	3.7	1.6	"		3.2				13.6	25	
2-Butanone	ND	0.56	"		ND					25	
1,4-Dioxane	ND	6.9	"		ND					25	
1,4-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Butadiene	ND	0.83	"		ND					25	
1,3,5-Trimethylbenzene	ND	1.9	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.3	"		ND					25	
1,2-Dichloropropane	ND	0.88	"		ND					25	
1,2-Dichloroethane	ND	0.77	"		ND					25	
1,2-Dichlorobenzene	ND	1.1	"		ND					25	
1,2,4-Trimethylbenzene	ND	4.7	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.4	"		ND					25	
1,1-Dichloroethylene	ND	0.76	"		ND					25	
1,1-Dichloroethane	7.8	0.77	"		7.6				3.02	25	
Trichlorofluoromethane (Freon 11)	2.4	1.1	"		2.4				0.00	25	
1,1,2-Trichloroethane	ND	1.0	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.5	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.3	"		ND					25	
1,1,1-Trichloroethane	17	1.0	"		17				3.04	25	
Dichlorodifluoromethane	2.2	0.94	"		2.1				4.44	25	
1,2-Dibromoethane	ND	1.5	"		ND					25	
Dibromochloromethane	ND	1.5	"		ND					25	
Chlorobenzene	ND	0.88	"		ND					25	
Surrogate: p-Bromofluorobenzene	*10.2*		*ppbv*	*10.0*		*102*	*70-130*				

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

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

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

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

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

NR Not reported

RPD Relative Percent Difference

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

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

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

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

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

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record - AIR

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

York Project No. 12D0745

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

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

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

STEPHEN HNAT
Name (printed)

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

TO15 Volatiles and Other Gas Analyses

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

Detection Limits Required
- ≤ 1 ug/m³ ____
- NYSDEC VI Limits ____ (VI = vapor intrusion)
- NJDEP low level ____
- Routine Survey ____
- Other ____

Special Instructions

Sample Identification	Date Sampled		AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
AQ42312: 1100NPY-1	4/23/12	1100	AE			EPA TO-15 List.	6 Liter Summa canister ✓ Tedlar Bag ____
AQ42312: 1105NPY-2	↓	1105	AE			↓	6 Liter Summa canister ✓ Tedlar Bag ____
AQ42312: 1110NPY-3	↓	1110	AE			↓	6 Liter Summa canister ✓ Tedlar Bag ____
							6 Liter Summa canister ____ Tedlar Bag ____
							6 Liter Summa canister ____ Tedlar Bag ____
							6 Liter Summa canister ____ Tedlar Bag ____
							6 Liter Summa canister ____ Tedlar Bag ____
							6 Liter Summa canister ____ Tedlar Bag ____
							6 Liter Summa canister ____ Tedlar Bag ____
							6 Liter Summa canister ____ Tedlar Bag ____

Comments

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	4/24/12 10:36	TC [signature]	4/24/12 10:36
Samples Relinquished By	Date/Time	Samples Received in LAB by: PGrace	4/24/12 1210