

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)	Ethylbenzene (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	---	---
8-Aug-12	7.8	124	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.17 J	0.13 J	0.14 J	0.30 J,B	ND<0.5	0.47 J,B	ND<0.5	0.91	0.050
15-Aug-12	6.8	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<2	ND<0.5	3.89	ND<0.01
21-Aug-12	7.5	137	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	0.13 J,B	ND<0.5	4.76	0.011
27-Aug-12	6.6	104	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	0.26 J,B	ND<0.5	0.60	0.085

SPDES: State Pollutant Discharge Elimination System

NM: Not Measured

TCE: Trichloroethene

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

mg/l: Milligrams per liter

TDS: Total dissolved solids

1,1-DCA: 1,1-Dichloroethane

ug/l: Micrograms per liter

PCE: Tetrachloroethylene

1,1-DCE: 1,1-Dichloroethene

---: Not established

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

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

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

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

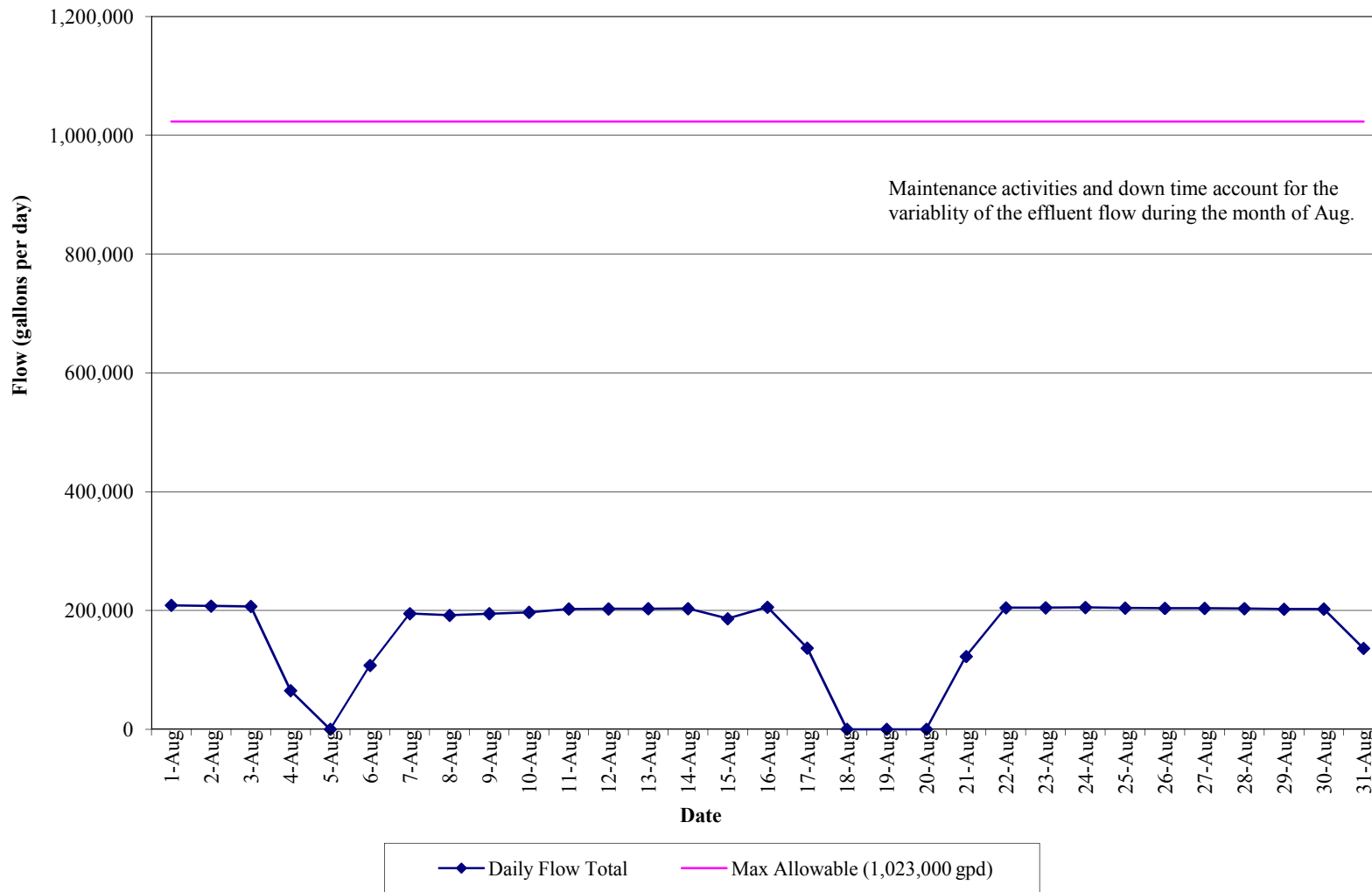
ND: Not detected

Notes:

1. Based on the SPDES criteria from an NYSDEC letter dated on October 21, 2011, the new allowable pH range for the Rowe Site is between 5.0 and 8.5.
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
(August 1, 2012 to August 31, 2012)**



APPENDIX I
AUGUST 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: 09/10/2012

Client Project ID: Rowe Industries

York Project (SDG) No.: 12H0342

Revision No. 1.0

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 09/10/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0342

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 09, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12H0342-01	WQ080812:1100NP2-6	Water	08/08/2012	08/09/2012
12H0342-02	WQ080812:1105NP2-7	Water	08/08/2012	08/09/2012
12H0344-01	WQ080812:1110NP2-10	Water	08/08/2012	08/09/2012

General Notes for York Project (SDG) No.: 12H0342

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: 09/10/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ080812:1100NP2-6

York Sample ID: 12H0342-01

York Project (SDG) No.
12H0342

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 8, 2012 12:00 pm

Date Received
08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
71-55-6	1,1,1-Trichloroethane	0.78		ug/L	0.024	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
75-34-3	1,1-Dichloroethane	0.45	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
95-63-6	1,2,4-Trimethylbenzene	2.3		ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
108-67-8	1,3,5-Trimethylbenzene	0.45	J	ug/L	0.059	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
71-43-2	Benzene	6.0		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS

Sample Information

Client Sample ID: WQ080812:1100NP2-6

York Sample ID: 12H0342-01

York Project (SDG) No.
12H0342

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 8, 2012 12:00 pm

Date Received
08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
67-66-3	Chloroform	0.21	J	ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
100-41-4	Ethyl Benzene	1.4		ug/L	0.057	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
98-82-8	Isopropylbenzene	0.18	J	ug/L	0.056	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
91-20-3	Naphthalene	4.1	B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
103-65-1	n-Propylbenzene	0.40	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
95-47-6	o-Xylene	0.70		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
1330-20-7P/M	p- & m- Xylenes	3.0		ug/L	0.090	1.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
127-18-4	Tetrachloroethylene	0.93		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
108-88-3	Toluene	8.7		ug/L	0.042	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
1330-20-7	Xylenes, Total	3.7		ug/L	0.12	1.5	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	72.6-129
460-00-4	Surrogate: p-Bromofluorobenzene	96.2 %	63.5-145
2037-26-5	Surrogate: Toluene-d8	98.7 %	81.2-127

Sample Information

Client Sample ID: WQ080812:1100NP2-6

York Sample ID: 12H0342-01

York Project (SDG) No.
12H0342

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 8, 2012 12:00 pm

Date Received
08/09/2012

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/09/2012 14:57	08/10/2012 14:53	AMC

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	4.46		mg/L	0.0100	0.0100	1	EPA 200.7	08/09/2012 14:57	08/10/2012 14:53	AMC

Sample Information

Client Sample ID: WQ080812:1105NP2-7

York Sample ID: 12H0342-02

York Project (SDG) No.
12H0342

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 8, 2012 12:00 pm

Date Received
08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
71-55-6	1,1,1-Trichloroethane	0.20	J	ug/L	0.024	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
75-34-3	1,1-Dichloroethane	0.11	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
95-63-6	1,2,4-Trimethylbenzene	0.74		ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
108-67-8	1,3,5-Trimethylbenzene	0.16	J	ug/L	0.059	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS

Sample Information

Client Sample ID: WQ080812:1105NP2-7

York Sample ID: 12H0342-02

York Project (SDG) No.
12H0342

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 8, 2012 12:00 pm

Date Received
08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
71-43-2	Benzene	0.34	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
67-66-3	Chloroform	0.25	J	ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
100-41-4	Ethyl Benzene	0.37	J	ug/L	0.057	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
91-20-3	Naphthalene	0.80	J	ug/L	0.090	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
103-65-1	n-Propylbenzene	0.12	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
95-47-6	o-Xylene	0.20	J	ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
1330-20-7P/M	p- & m- Xylenes	0.93	J	ug/L	0.090	1.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS

Sample Information

Client Sample ID: WQ080812:1105NP2-7

York Sample ID: 12H0342-02

York Project (SDG) No.
12H0342

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 8, 2012 12:00 pm

Date Received
08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
127-18-4	Tetrachloroethylene	0.84		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
108-88-3	Toluene	1.5		ug/L	0.042	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
1330-20-7	Xylenes, Total	1.1	J	ug/L	0.12	1.5	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	94.6 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	96.3 %			81.2-127						

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.0287		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/09/2012 14:57	08/10/2012 14:53	AMC

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	0.355		mg/L	0.0100	0.0100	1	EPA 200.7	08/09/2012 14:57	08/10/2012 14:53	AMC

Sample Information

Client Sample ID: WQ080812:1110NP2-10

York Sample ID: 12H0344-01

York Project (SDG) No.
12H0344

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 8, 2012 12:00 pm

Date Received
08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS

Sample Information

Client Sample ID: WQ080812:1110NP2-10

York Sample ID: 12H0344-01

York Project (SDG) No.
12H0344

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 8, 2012 12:00 pm

Date Received
08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
95-63-6	1,2,4-Trimethylbenzene	0.25	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS

Sample Information

Client Sample ID: WQ080812:1110NP2-10

York Sample ID: 12H0344-01

York Project (SDG) No.
12H0344

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 8, 2012 12:00 pm

Date Received
08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
100-41-4	Ethyl Benzene	0.14	J	ug/L	0.057	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
75-09-2	Methylene chloride	0.30	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
91-20-3	Naphthalene	0.47	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
1330-20-7P/M	p- & m- Xylenes	0.17	J	ug/L	0.090	1.0	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
108-88-3	Toluene	0.13	J	ug/L	0.042	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
1330-20-7	Xylenes, Total	0.17	J	ug/L	0.12	1.5	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	97.4 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	100 %			81.2-127						

Sample Information

Client Sample ID: WQ080812:1110NP2-10

York Sample ID: 12H0344-01

York Project (SDG) No.
12H0344

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 8, 2012 12:00 pm

Date Received
08/09/2012

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	0.0500		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/09/2012 14:57	08/10/2012 14:53	AMC

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	0.905		mg/L	0.0100	0.0100	1	EPA 200.7	08/09/2012 14:57	08/10/2012 14:53	AMC

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	124		mg/L	1.00	1.00	1	SM 2540C	08/10/2012 17:06	08/10/2012 17:06	ALD

Analytical Batch Summary

Batch ID: BH20415 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12H0344-01	WQ080812:1110NP2-10	08/10/12
BH20415-BLK1	Blank	08/10/12
BH20415-DUP1	Duplicate	08/10/12

Batch ID: BH20417 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12H0342-01	WQ080812:1100NP2-6	08/09/12
12H0342-01	WQ080812:1100NP2-6	08/09/12
12H0342-02	WQ080812:1105NP2-7	08/09/12
12H0342-02	WQ080812:1105NP2-7	08/09/12
12H0344-01	WQ080812:1110NP2-10	08/09/12
12H0344-01	WQ080812:1110NP2-10	08/09/12
BH20417-BLK1	Blank	08/09/12
BH20417-BLK1	Blank	08/09/12
BH20417-DUP1	Duplicate	08/09/12
BH20417-DUP1	Duplicate	08/09/12
BH20417-MS1	Matrix Spike	08/09/12
BH20417-MS1	Matrix Spike	08/09/12
BH20417-SRM1	Reference	08/09/12
BH20417-SRM1	Reference	08/09/12

Batch ID: BH20451 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0342-01	WQ080812:1100NP2-6	08/10/12
BH20451-BLK1	Blank	08/10/12
BH20451-BS1	LCS	08/10/12
BH20451-BSD1	LCS Dup	08/10/12

Batch ID: BH20452 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0342-02	WQ080812:1105NP2-7	08/10/12
BH20452-BLK1	Blank	08/10/12
BH20452-BS1	LCS	08/10/12
BH20452-BSD1	LCS Dup	08/10/12

Batch ID: BH20482 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0344-01	WQ080812:1110NP2-10	08/10/12
BH20482-BLK1	Blank	08/10/12
BH20482-BS1	LCS	08/10/12
BH20482-BSD1	LCS Dup	08/10/12

YORK

ANALYTICAL LABORATORIES, INC.

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH20451 - EPA 5030B

Blank (BH20451-BLK1)

Prepared & Analyzed: 08/10/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.63	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	0.60	2.0	"								
Naphthalene	1.6	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH20451 - EPA 5030B

Blank (BH20451-BLK1)

Prepared & Analyzed: 08/10/2012

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

<i>Surrogate: 1,2-Dichloroethane-d4</i>	10.6		"	10.0		106	72.6-129			
<i>Surrogate: p-Bromofluorobenzene</i>	9.69		"	10.0		96.9	63.5-145			
<i>Surrogate: Toluene-d8</i>	9.84		"	10.0		98.4	81.2-127			

LCS (BH20451-BS1)

Prepared & Analyzed: 08/10/2012

1,1,1,2-Tetrachloroethane	8.60		ug/L	10.0		86.0	82.3-130			
1,1,1-Trichloroethane	9.09		"	10.0		90.9	75.6-137			
1,1,2,2-Tetrachloroethane	7.83		"	10.0		78.3	71.3-131			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.85		"	10.0		98.5	71.1-129			
1,1,2-Trichloroethane	8.02		"	10.0		80.2	74.5-129			
1,1-Dichloroethane	9.79		"	10.0		97.9	79.6-132			
1,1-Dichloroethylene	11.1		"	10.0		111	80.2-146			
1,1-Dichloropropylene	9.10		"	10.0		91.0	75-136			
1,2,3-Trichlorobenzene	8.28		"	10.0		82.8	66.1-136			
1,2,3-Trichloropropane	7.37		"	10.0		73.7	63-131			
1,2,4-Trichlorobenzene	7.66		"	10.0		76.6	70.6-136			
1,2,4-Trimethylbenzene	8.21		"	10.0		82.1	75.3-135			
1,2-Dibromo-3-chloropropane	7.15		"	10.0		71.5	58.9-140			
1,2-Dibromoethane	8.03		"	10.0		80.3	79-130			
1,2-Dichlorobenzene	7.87		"	10.0		78.7	76.1-122			
1,2-Dichloroethane	8.79		"	10.0		87.9	74.6-132			
1,2-Dichloropropane	8.29		"	10.0		82.9	76.9-129			
1,3,5-Trimethylbenzene	8.02		"	10.0		80.2	70.6-127			
1,3-Dichlorobenzene	7.97		"	10.0		79.7	77-124			
1,3-Dichloropropane	8.18		"	10.0		81.8	75.8-126			
1,4-Dichlorobenzene	7.81		"	10.0		78.1	76.6-125			
2,2-Dichloropropane	7.90		"	10.0		79.0	69-133			
2-Chlorotoluene	7.71		"	10.0		77.1	66.3-119			
2-Hexanone	8.11		"	10.0		81.1	70-130			
4-Chlorotoluene	7.95		"	10.0		79.5	69.2-127			
Acetone	10.4		"	10.0		104	70-130			
Benzene	8.76		"	10.0		87.6	76.2-129			
Bromobenzene	7.70		"	10.0		77.0	71.3-123			
Bromochloromethane	8.86		"	10.0		88.6	70.8-137			
Bromodichloromethane	8.57		"	10.0		85.7	79.7-134			
Bromoform	7.59		"	10.0		75.9	70.5-141			
Bromomethane	8.45		"	10.0		84.5	43.9-147			
Carbon tetrachloride	10.3		"	10.0		103	78.1-138			
Chlorobenzene	8.22		"	10.0		82.2	80.4-125			
Chloroethane	8.88		"	10.0		88.8	55.8-140			
Chloroform	8.74		"	10.0		87.4	76.6-133			
Chloromethane	8.86		"	10.0		88.6	48.8-115			
cis-1,2-Dichloroethylene	9.00		"	10.0		90.0	75.1-128			
cis-1,3-Dichloropropylene	8.66		"	10.0		86.6	74.5-128			

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20451 - EPA 5030B										
LCS (BH20451-BS1)										
										Prepared & Analyzed: 08/10/2012
Dibromochloromethane	8.63		ug/L	10.0		86.3	79.8-134			
Dibromomethane	8.73		"	10.0		87.3	79-130			
Dichlorodifluoromethane	6.77		"	10.0		67.7	47.1-101			
Ethyl Benzene	8.41		"	10.0		84.1	80.8-128			
Hexachlorobutadiene	7.80		"	10.0		78.0	64.8-128			
Isopropylbenzene	8.66		"	10.0		86.6	75.5-135			
Methyl tert-butyl ether (MTBE)	6.16		"	10.0		61.6	65.1-140	Low Bias		
Methylene chloride	9.66		"	10.0		96.6	61.3-120			
Naphthalene	8.38		"	10.0		83.8	62.3-148			
n-Butylbenzene	7.95		"	10.0		79.5	67.2-123			
n-Propylbenzene	8.07		"	10.0		80.7	70.5-127			
o-Xylene	7.99		"	10.0		79.9	75.9-122			
p- & m- Xylenes	16.6		"	20.0		83.2	77.7-127			
p-Isopropyltoluene	8.23		"	10.0		82.3	75.6-129			
sec-Butylbenzene	7.96		"	10.0		79.6	71.5-125			
Styrene	8.14		"	10.0		81.4	77.8-123			
tert-Butylbenzene	8.36		"	10.0		83.6	75.9-151			
Tetrachloroethylene	8.49		"	10.0		84.9	63.6-167			
Toluene	8.46		"	10.0		84.6	77-123			
trans-1,2-Dichloroethylene	10.2		"	10.0		102	76.3-139			
trans-1,3-Dichloropropylene	7.85		"	10.0		78.5	72.5-137			
Trichloroethylene	8.60		"	10.0		86.0	77.9-130			
Trichlorofluoromethane	9.28		"	10.0		92.8	57.4-133			
Vinyl Chloride	8.93		"	10.0		89.3	54.9-124			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.59</i>		<i>"</i>	<i>10.0</i>		<i>95.9</i>	<i>72.6-129</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>63.5-145</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.92</i>		<i>"</i>	<i>10.0</i>		<i>99.2</i>	<i>81.2-127</i>			

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20451 - EPA 5030B											
LCS Dup (BH20451-BSD1)											
Prepared & Analyzed: 08/10/2012											
1,1,1,2-Tetrachloroethane	9.55		ug/L	10.0		95.5	82.3-130		10.5	21.1	
1,1,1-Trichloroethane	9.50		"	10.0		95.0	75.6-137		4.41	19.7	
1,1,2,2-Tetrachloroethane	8.41		"	10.0		84.1	71.3-131		7.14	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.67		"	10.0		96.7	71.1-129		1.84	21.7	
1,1,2-Trichloroethane	8.85		"	10.0		88.5	74.5-129		9.84	20.3	
1,1-Dichloroethane	10.3		"	10.0		103	79.6-132		5.17	20.6	
1,1-Dichloroethylene	11.3		"	10.0		113	80.2-146		1.43	20	
1,1-Dichloropropylene	9.65		"	10.0		96.5	75-136		5.87	19.3	
1,2,3-Trichlorobenzene	9.88		"	10.0		98.8	66.1-136		17.6	21.6	
1,2,3-Trichloropropane	8.87		"	10.0		88.7	63-131		18.5	23.9	
1,2,4-Trichlorobenzene	9.04		"	10.0		90.4	70.6-136		16.5	21.7	
1,2,4-Trimethylbenzene	8.87		"	10.0		88.7	75.3-135		7.73	18.8	
1,2-Dibromo-3-chloropropane	8.81		"	10.0		88.1	58.9-140		20.8	27.7	
1,2-Dibromoethane	9.22		"	10.0		92.2	79-130		13.8	23	
1,2-Dichlorobenzene	8.68		"	10.0		86.8	76.1-122		9.79	19.8	
1,2-Dichloroethane	9.66		"	10.0		96.6	74.6-132		9.43	20.2	
1,2-Dichloropropane	9.20		"	10.0		92.0	76.9-129		10.4	20.7	
1,3,5-Trimethylbenzene	8.55		"	10.0		85.5	70.6-127		6.40	18.9	
1,3-Dichlorobenzene	8.56		"	10.0		85.6	77-124		7.14	19.2	
1,3-Dichloropropane	9.06		"	10.0		90.6	75.8-126		10.2	22.1	
1,4-Dichlorobenzene	8.64		"	10.0		86.4	76.6-125		10.1	18.6	
2,2-Dichloropropane	8.09		"	10.0		80.9	69-133		2.38	19.8	
2-Chlorotoluene	8.07		"	10.0		80.7	66.3-119		4.56	21.6	
2-Hexanone	9.01		"	10.0		90.1	70-130		10.5	30	
4-Chlorotoluene	8.53		"	10.0		85.3	69.2-127		7.04	19	
Acetone	10.8		"	10.0		108	70-130		3.77	30	
Benzene	9.47		"	10.0		94.7	76.2-129		7.79	19	
Bromobenzene	8.31		"	10.0		83.1	71.3-123		7.62	20.3	
Bromochloromethane	9.93		"	10.0		99.3	70.8-137		11.4	23.9	
Bromodichloromethane	9.52		"	10.0		95.2	79.7-134		10.5	21	
Bromoform	8.56		"	10.0		85.6	70.5-141		12.0	21.8	
Bromomethane	9.31		"	10.0		93.1	43.9-147		9.68	28.4	
Carbon tetrachloride	10.8		"	10.0		108	78.1-138		5.01	20.1	
Chlorobenzene	9.03		"	10.0		90.3	80.4-125		9.39	19.9	
Chloroethane	8.73		"	10.0		87.3	55.8-140		1.70	23.3	
Chloroform	9.53		"	10.0		95.3	76.6-133		8.65	20.3	
Chloromethane	9.26		"	10.0		92.6	48.8-115		4.42	24.5	
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	75.1-128		4.13	20.5	
cis-1,3-Dichloropropylene	9.66		"	10.0		96.6	74.5-128		10.9	19.9	
Dibromochloromethane	9.49		"	10.0		94.9	79.8-134		9.49	21.3	
Dibromomethane	9.48		"	10.0		94.8	79-130		8.24	22.4	
Dichlorodifluoromethane	6.81		"	10.0		68.1	47.1-101		0.589	23.9	
Ethyl Benzene	9.03		"	10.0		90.3	80.8-128		7.11	19.2	
Hexachlorobutadiene	9.25		"	10.0		92.5	64.8-128		17.0	20.6	
Isopropylbenzene	9.00		"	10.0		90.0	75.5-135		3.85	20	
Methyl tert-butyl ether (MTBE)	6.82		"	10.0		68.2	65.1-140		10.2	23.6	
Methylene chloride	10.3		"	10.0		103	61.3-120		6.22	20.4	
Naphthalene	9.49		"	10.0		94.9	62.3-148		12.4	27.1	
n-Butylbenzene	8.44		"	10.0		84.4	67.2-123		5.98	19.1	
n-Propylbenzene	8.43		"	10.0		84.3	70.5-127		4.36	23.4	
o-Xylene	8.65		"	10.0		86.5	75.9-122		7.93	19.3	
p- & m- Xylenes	17.9		"	20.0		89.4	77.7-127		7.12	18.6	
p-Isopropyltoluene	8.73		"	10.0		87.3	75.6-129		5.90	19.1	
sec-Butylbenzene	8.32		"	10.0		83.2	71.5-125		4.42	18.9	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH20451 - EPA 5030B

LCS Dup (BH20451-BSD1)

Prepared & Analyzed: 08/10/2012

Styrene	8.96		ug/L	10.0		89.6	77.8-123		9.59	20.9
tert-Butylbenzene	8.73		"	10.0		87.3	75.9-151		4.33	20.9
Tetrachloroethylene	8.78		"	10.0		87.8	63.6-167		3.36	27.7
Toluene	8.87		"	10.0		88.7	77-123		4.73	18.7
trans-1,2-Dichloroethylene	10.2		"	10.0		102	76.3-139		0.0977	19.5
trans-1,3-Dichloropropylene	9.10		"	10.0		91.0	72.5-137		14.7	19.3
Trichloroethylene	9.20		"	10.0		92.0	77.9-130		6.74	20.5
Trichlorofluoromethane	9.05		"	10.0		90.5	57.4-133		2.51	21.4
Vinyl Chloride	9.01		"	10.0		90.1	54.9-124		0.892	22.3
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>72.6-129</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>63.5-145</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.90</i>		<i>"</i>	<i>10.0</i>		<i>99.0</i>	<i>81.2-127</i>			

Batch BH20452 - EPA 5030B

Blank (BH20452-BLK1)

Prepared & Analyzed: 08/10/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L							
1,1,1-Trichloroethane	ND	0.50	"							
1,1,2,2-Tetrachloroethane	ND	0.50	"							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,1-Dichloroethylene	ND	0.50	"							
1,1-Dichloropropylene	ND	0.50	"							
1,2,3-Trichlorobenzene	ND	2.0	"							
1,2,3-Trichloropropane	ND	0.50	"							
1,2,4-Trichlorobenzene	ND	2.0	"							
1,2,4-Trimethylbenzene	ND	0.50	"							
1,2-Dibromo-3-chloropropane	ND	2.0	"							
1,2-Dibromoethane	ND	0.50	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							
1,3,5-Trimethylbenzene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,3-Dichloropropane	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
2,2-Dichloropropane	ND	0.50	"							
2-Chlorotoluene	ND	0.50	"							
2-Hexanone	ND	0.50	"							
4-Chlorotoluene	ND	0.50	"							
Acetone	1.1	2.0	"							
Benzene	ND	0.50	"							
Bromobenzene	ND	0.50	"							
Bromochloromethane	ND	0.50	"							
Bromodichloromethane	ND	0.50	"							
Bromoform	ND	0.50	"							
Bromomethane	ND	0.50	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	0.50	"							
Chloroethane	ND	0.50	"							
Chloroform	ND	0.50	"							
Chloromethane	ND	0.50	"							
cis-1,2-Dichloroethylene	ND	0.50	"							

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	Limit	Flag
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Batch BH20452 - EPA 5030B

Blank (BH20452-BLK1)

Prepared & Analyzed: 08/10/2012

cis-1,3-Dichloropropylene	ND	0.50	ug/L							
Dibromochloromethane	ND	0.50	"							
Dibromomethane	ND	0.50	"							
Dichlorodifluoromethane	ND	0.50	"							
Ethyl Benzene	ND	0.50	"							
Hexachlorobutadiene	ND	0.50	"							
Isopropylbenzene	ND	0.50	"							
Methyl tert-butyl ether (MTBE)	ND	0.50	"							
Methylene chloride	0.63	2.0	"							
Naphthalene	ND	2.0	"							
n-Butylbenzene	ND	0.50	"							
n-Propylbenzene	ND	0.50	"							
o-Xylene	ND	0.50	"							
p- & m- Xylenes	ND	1.0	"							
p-Isopropyltoluene	ND	0.50	"							
sec-Butylbenzene	ND	0.50	"							
Styrene	ND	0.50	"							
tert-Butylbenzene	ND	0.50	"							
Tetrachloroethylene	ND	0.50	"							
Toluene	ND	0.50	"							
trans-1,2-Dichloroethylene	ND	0.50	"							
trans-1,3-Dichloropropylene	ND	0.50	"							
Trichloroethylene	ND	0.50	"							
Trichlorofluoromethane	ND	0.50	"							
Vinyl Chloride	ND	0.50	"							
Xylenes, Total	ND	1.5	"							
<hr/>										
Surrogate: 1,2-Dichloroethane-d4	10.4		"	10.0		104	72.6-129			
Surrogate: p-Bromofluorobenzene	9.64		"	10.0		96.4	63.5-145			
Surrogate: Toluene-d8	9.62		"	10.0		96.2	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 Limits	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20452 - EPA 5030B											
LCS (BH20452-BS1)											
											Prepared & Analyzed: 08/10/2012
1,1,1,2-Tetrachloroethane	9.13		ug/L	10.0		91.3	82.3-130				
1,1,1-Trichloroethane	9.74		"	10.0		97.4	75.6-137				
1,1,2,2-Tetrachloroethane	8.25		"	10.0		82.5	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	8.61		"	10.0		86.1	74.5-129				
1,1-Dichloroethane	10.2		"	10.0		102	79.6-132				
1,1-Dichloroethylene	11.6		"	10.0		116	80.2-146				
1,1-Dichloropropylene	9.53		"	10.0		95.3	75-136				
1,2,3-Trichlorobenzene	9.02		"	10.0		90.2	66.1-136				
1,2,3-Trichloropropane	7.79		"	10.0		77.9	63-131				
1,2,4-Trichlorobenzene	9.12		"	10.0		91.2	70.6-136				
1,2,4-Trimethylbenzene	8.70		"	10.0		87.0	75.3-135				
1,2-Dibromo-3-chloropropane	7.98		"	10.0		79.8	58.9-140				
1,2-Dibromoethane	8.95		"	10.0		89.5	79-130				
1,2-Dichlorobenzene	8.37		"	10.0		83.7	76.1-122				
1,2-Dichloroethane	9.82		"	10.0		98.2	74.6-132				
1,2-Dichloropropane	9.07		"	10.0		90.7	76.9-129				
1,3,5-Trimethylbenzene	8.67		"	10.0		86.7	70.6-127				
1,3-Dichlorobenzene	8.33		"	10.0		83.3	77-124				
1,3-Dichloropropane	8.46		"	10.0		84.6	75.8-126				
1,4-Dichlorobenzene	8.40		"	10.0		84.0	76.6-125				
2,2-Dichloropropane	10.7		"	10.0		107	69-133				
2-Chlorotoluene	8.23		"	10.0		82.3	66.3-119				
2-Hexanone	9.09		"	10.0		90.9	70-130				
4-Chlorotoluene	8.74		"	10.0		87.4	69.2-127				
Acetone	8.68		"	10.0		86.8	70-130				
Benzene	9.49		"	10.0		94.9	76.2-129				
Bromobenzene	8.29		"	10.0		82.9	71.3-123				
Bromochloromethane	9.62		"	10.0		96.2	70.8-137				
Bromodichloromethane	9.11		"	10.0		91.1	79.7-134				
Bromoform	8.18		"	10.0		81.8	70.5-141				
Bromomethane	8.86		"	10.0		88.6	43.9-147				
Carbon tetrachloride	10.4		"	10.0		104	78.1-138				
Chlorobenzene	8.77		"	10.0		87.7	80.4-125				
Chloroethane	9.23		"	10.0		92.3	55.8-140				
Chloroform	9.50		"	10.0		95.0	76.6-133				
Chloromethane	8.59		"	10.0		85.9	48.8-115				
cis-1,2-Dichloroethylene	9.47		"	10.0		94.7	75.1-128				
cis-1,3-Dichloropropylene	9.35		"	10.0		93.5	74.5-128				
Dibromochloromethane	8.78		"	10.0		87.8	79.8-134				
Dibromomethane	9.26		"	10.0		92.6	79-130				
Dichlorodifluoromethane	7.11		"	10.0		71.1	47.1-101				
Ethyl Benzene	9.05		"	10.0		90.5	80.8-128				
Hexachlorobutadiene	9.13		"	10.0		91.3	64.8-128				
Isopropylbenzene	9.25		"	10.0		92.5	75.5-135				
Methyl tert-butyl ether (MTBE)	4.83		"	10.0		48.3	65.1-140	Low Bias			
Methylene chloride	10.2		"	10.0		102	61.3-120				
Naphthalene	7.90		"	10.0		79.0	62.3-148				
n-Butylbenzene	8.96		"	10.0		89.6	67.2-123				
n-Propylbenzene	8.68		"	10.0		86.8	70.5-127				
o-Xylene	8.55		"	10.0		85.5	75.9-122				
p- & m- Xylenes	17.5		"	20.0		87.3	77.7-127				
p-Isopropyltoluene	9.54		"	10.0		95.4	75.6-129				
sec-Butylbenzene	8.66		"	10.0		86.6	71.5-125				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20452 - EPA 5030B										
Prepared & Analyzed: 08/10/2012										
LCS (BH20452-BS1)										
Styrene	8.52		ug/L	10.0		85.2				
tert-Butylbenzene	9.31		"	10.0		93.1				
Tetrachloroethylene	8.87		"	10.0		88.7				
Toluene	8.89		"	10.0		88.9				
trans-1,2-Dichloroethylene	10.3		"	10.0		103				
trans-1,3-Dichloropropylene	9.35		"	10.0		93.5				
Trichloroethylene	8.91		"	10.0		89.1				
Trichlorofluoromethane	9.18		"	10.0		91.8				
Vinyl Chloride	8.61		"	10.0		86.1				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.63		"	10.0		96.3				
<i>Surrogate: p-Bromofluorobenzene</i>	10.1		"	10.0		101				
<i>Surrogate: Toluene-d8</i>	9.75		"	10.0		97.5				
Prepared & Analyzed: 08/10/2012										
LCS Dup (BH20452-BSD1)										
1,1,1,2-Tetrachloroethane	9.24		ug/L	10.0		92.4	82.3-130		1.20	21.1
1,1,1-Trichloroethane	9.49		"	10.0		94.9	75.6-137		2.60	19.7
1,1,2,2-Tetrachloroethane	8.42		"	10.0		84.2	71.3-131		2.04	20.8
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.78		"	10.0		97.8	71.1-129		3.02	21.7
1,1,2-Trichloroethane	8.57		"	10.0		85.7	74.5-129		0.466	20.3
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132		1.36	20.6
1,1-Dichloroethylene	11.4		"	10.0		114	80.2-146		1.75	20
1,1-Dichloropropylene	9.43		"	10.0		94.3	75-136		1.05	19.3
1,2,3-Trichlorobenzene	9.63		"	10.0		96.3	66.1-136		6.54	21.6
1,2,3-Trichloropropane	8.01		"	10.0		80.1	63-131		2.78	23.9
1,2,4-Trichlorobenzene	8.96		"	10.0		89.6	70.6-136		1.77	21.7
1,2,4-Trimethylbenzene	8.49		"	10.0		84.9	75.3-135		2.44	18.8
1,2-Dibromo-3-chloropropane	8.63		"	10.0		86.3	58.9-140		7.83	27.7
1,2-Dibromoethane	8.88		"	10.0		88.8	79-130		0.785	23
1,2-Dichlorobenzene	8.43		"	10.0		84.3	76.1-122		0.714	19.8
1,2-Dichloroethane	10.1		"	10.0		101	74.6-132		2.81	20.2
1,2-Dichloropropane	8.89		"	10.0		88.9	76.9-129		2.00	20.7
1,3,5-Trimethylbenzene	8.29		"	10.0		82.9	70.6-127		4.48	18.9
1,3-Dichlorobenzene	8.30		"	10.0		83.0	77-124		0.361	19.2
1,3-Dichloropropane	8.98		"	10.0		89.8	75.8-126		5.96	22.1
1,4-Dichlorobenzene	8.30		"	10.0		83.0	76.6-125		1.20	18.6
2,2-Dichloropropane	10.7		"	10.0		107	69-133		0.0933	19.8
2-Chlorotoluene	7.99		"	10.0		79.9	66.3-119		2.96	21.6
2-Hexanone	8.74		"	10.0		87.4	70-130		3.93	30
4-Chlorotoluene	8.22		"	10.0		82.2	69.2-127		6.13	19
Acetone	8.33		"	10.0		83.3	70-130		4.12	30
Benzene	9.58		"	10.0		95.8	76.2-129		0.944	19
Bromobenzene	8.38		"	10.0		83.8	71.3-123		1.08	20.3
Bromochloromethane	10.1		"	10.0		101	70.8-137		4.67	23.9
Bromodichloromethane	9.23		"	10.0		92.3	79.7-134		1.31	21
Bromoform	8.52		"	10.0		85.2	70.5-141		4.07	21.8
Bromomethane	9.68		"	10.0		96.8	43.9-147		8.85	28.4
Carbon tetrachloride	9.82		"	10.0		98.2	78.1-138		5.26	20.1
Chlorobenzene	8.67		"	10.0		86.7	80.4-125		1.15	19.9
Chloroethane	9.04		"	10.0		90.4	55.8-140		2.08	23.3
Chloroform	9.70		"	10.0		97.0	76.6-133		2.08	20.3
Chloromethane	8.64		"	10.0		86.4	48.8-115		0.580	24.5
cis-1,2-Dichloroethylene	9.85		"	10.0		98.5	75.1-128		3.93	20.5
cis-1,3-Dichloropropylene	9.55		"	10.0		95.5	74.5-128		2.12	19.9
Dibromochloromethane	9.40		"	10.0		94.0	79.8-134		6.82	21.3

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20452 - EPA 5030B										
LCS Dup (BH20452-BSD1)										
										Prepared & Analyzed: 08/10/2012
Dibromomethane	9.59		ug/L	10.0		95.9 79-130		3.50	22.4	
Dichlorodifluoromethane	6.80		"	10.0		68.0 47.1-101		4.46	23.9	
Ethyl Benzene	8.63		"	10.0		86.3 80.8-128		4.75	19.2	
Hexachlorobutadiene	8.33		"	10.0		83.3 64.8-128		9.16	20.6	
Isopropylbenzene	8.80		"	10.0		88.0 75.5-135		4.99	20	
Methyl tert-butyl ether (MTBE)	6.54		"	10.0		65.4 65.1-140		30.1	23.6	Non-dir.
Methylene chloride	10.3		"	10.0		103 61.3-120		1.36	20.4	
Naphthalene	8.22		"	10.0		82.2 62.3-148		3.97	27.1	
n-Butylbenzene	8.68		"	10.0		86.8 67.2-123		3.17	19.1	
n-Propylbenzene	8.36		"	10.0		83.6 70.5-127		3.76	23.4	
o-Xylene	8.26		"	10.0		82.6 75.9-122		3.45	19.3	
p- & m- Xylenes	17.1		"	20.0		85.6 77.7-127		1.97	18.6	
p-Isopropyltoluene	9.16		"	10.0		91.6 75.6-129		4.06	19.1	
sec-Butylbenzene	8.20		"	10.0		82.0 71.5-125		5.46	18.9	
Styrene	8.57		"	10.0		85.7 77.8-123		0.585	20.9	
tert-Butylbenzene	8.90		"	10.0		89.0 75.9-151		4.50	20.9	
Tetrachloroethylene	8.47		"	10.0		84.7 63.6-167		4.61	27.7	
Toluene	8.69		"	10.0		86.9 77-123		2.28	18.7	
trans-1,2-Dichloroethylene	10.4		"	10.0		104 76.3-139		0.193	19.5	
trans-1,3-Dichloropropylene	9.55		"	10.0		95.5 72.5-137		2.12	19.3	
Trichloroethylene	8.63		"	10.0		86.3 77.9-130		3.19	20.5	
Trichlorofluoromethane	9.10		"	10.0		91.0 57.4-133		0.875	21.4	
Vinyl Chloride	8.35		"	10.0		83.5 54.9-124		3.07	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101 72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.97</i>		<i>"</i>	<i>10.0</i>		<i>99.7 63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.58</i>		<i>"</i>	<i>10.0</i>		<i>95.8 81.2-127</i>				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	Limit	Flag
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Batch BH20482 - EPA 5030B

Blank (BH20482-BLK1)

Prepared: 08/10/2012 Analyzed: 08/11/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L							
1,1,1-Trichloroethane	ND	0.50	"							
1,1,2,2-Tetrachloroethane	ND	0.50	"							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,1-Dichloroethylene	ND	0.50	"							
1,1-Dichloropropylene	ND	0.50	"							
1,2,3-Trichlorobenzene	0.55	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	2.4	2.0	"							
Naphthalene	1.4	2.0	"							
n-Butylbenzene	ND	0.50	"							
n-Propylbenzene	ND	0.50	"							
o-Xylene	ND	0.50	"							
p- & m- Xylenes	ND	1.0	"							
p-Isopropyltoluene	ND	0.50	"							
sec-Butylbenzene	ND	0.50	"							

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH20482 - EPA 5030B

Blank (BH20482-BLK1)

Prepared: 08/10/2012 Analyzed: 08/11/2012

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

<i>Surrogate: 1,2-Dichloroethane-d4</i>	10.5		"	10.0		105	72.6-129				
<i>Surrogate: p-Bromofluorobenzene</i>	9.51		"	10.0		95.1	63.5-145				
<i>Surrogate: Toluene-d8</i>	9.77		"	10.0		97.7	81.2-127				

LCS (BH20482-BS1)

Prepared & Analyzed: 08/10/2012

1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82.3-130				
1,1,1-Trichloroethane	9.91		"	10.0		99.1	75.6-137				
1,1,2,2-Tetrachloroethane	9.00		"	10.0		90.0	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.91		"	10.0		99.1	71.1-129				
1,1,2-Trichloroethane	9.14		"	10.0		91.4	74.5-129				
1,1-Dichloroethane	10.5		"	10.0		105	79.6-132				
1,1-Dichloroethylene	11.2		"	10.0		112	80.2-146				
1,1-Dichloropropylene	9.94		"	10.0		99.4	75-136				
1,2,3-Trichlorobenzene	9.68		"	10.0		96.8	66.1-136				
1,2,3-Trichloropropane	8.99		"	10.0		89.9	63-131				
1,2,4-Trichlorobenzene	8.95		"	10.0		89.5	70.6-136				
1,2,4-Trimethylbenzene	9.01		"	10.0		90.1	75.3-135				
1,2-Dibromo-3-chloropropane	9.21		"	10.0		92.1	58.9-140				
1,2-Dibromoethane	9.75		"	10.0		97.5	79-130				
1,2-Dichlorobenzene	9.04		"	10.0		90.4	76.1-122				
1,2-Dichloroethane	9.98		"	10.0		99.8	74.6-132				
1,2-Dichloropropane	9.26		"	10.0		92.6	76.9-129				
1,3,5-Trimethylbenzene	9.09		"	10.0		90.9	70.6-127				
1,3-Dichlorobenzene	8.98		"	10.0		89.8	77-124				
1,3-Dichloropropane	9.15		"	10.0		91.5	75.8-126				
1,4-Dichlorobenzene	8.85		"	10.0		88.5	76.6-125				
2,2-Dichloropropane	8.73		"	10.0		87.3	69-133				
2-Chlorotoluene	8.80		"	10.0		88.0	66.3-119				
2-Hexanone	10.4		"	10.0		104	70-130				
4-Chlorotoluene	8.87		"	10.0		88.7	69.2-127				
Acetone	12.3		"	10.0		123	70-130				
Benzene	9.74		"	10.0		97.4	76.2-129				
Bromobenzene	8.91		"	10.0		89.1	71.3-123				
Bromochloromethane	10.1		"	10.0		101	70.8-137				
Bromodichloromethane	9.84		"	10.0		98.4	79.7-134				
Bromoform	9.20		"	10.0		92.0	70.5-141				
Bromomethane	9.08		"	10.0		90.8	43.9-147				
Carbon tetrachloride	10.9		"	10.0		109	78.1-138				
Chlorobenzene	9.39		"	10.0		93.9	80.4-125				
Chloroethane	8.76		"	10.0		87.6	55.8-140				
Chloroform	9.76		"	10.0		97.6	76.6-133				
Chloromethane	8.62		"	10.0		86.2	48.8-115				
cis-1,2-Dichloroethylene	9.88		"	10.0		98.8	75.1-128				
cis-1,3-Dichloropropylene	9.89		"	10.0		98.9	74.5-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD Limit	Flag
Batch BH20482 - EPA 5030B									
LCS (BH20482-BS1)									
						Prepared & Analyzed: 08/10/2012			
Dibromochloromethane	9.84		ug/L	10.0		98.4 79.8-134			
Dibromomethane	9.49		"	10.0		94.9 79-130			
Dichlorodifluoromethane	5.45		"	10.0		54.5 47.1-101			
Ethyl Benzene	9.50		"	10.0		95.0 80.8-128			
Hexachlorobutadiene	8.90		"	10.0		89.0 64.8-128			
Isopropylbenzene	9.72		"	10.0		97.2 75.5-135			
Methyl tert-butyl ether (MTBE)	7.79		"	10.0		77.9 65.1-140			
Methylene chloride	12.6		"	10.0		126 61.3-120	High Bias		
Naphthalene	9.83		"	10.0		98.3 62.3-148			
n-Butylbenzene	8.98		"	10.0		89.8 67.2-123			
n-Propylbenzene	9.11		"	10.0		91.1 70.5-127			
o-Xylene	8.99		"	10.0		89.9 75.9-122			
p- & m- Xylenes	18.5		"	20.0		92.5 77.7-127			
p-Isopropyltoluene	9.32		"	10.0		93.2 75.6-129			
sec-Butylbenzene	9.04		"	10.0		90.4 71.5-125			
Styrene	8.50		"	10.0		85.0 77.8-123			
tert-Butylbenzene	9.62		"	10.0		96.2 75.9-151			
Tetrachloroethylene	9.13		"	10.0		91.3 63.6-167			
Toluene	9.42		"	10.0		94.2 77-123			
trans-1,2-Dichloroethylene	10.5		"	10.0		105 76.3-139			
trans-1,3-Dichloropropylene	9.68		"	10.0		96.8 72.5-137			
Trichloroethylene	9.63		"	10.0		96.3 77.9-130			
Trichlorofluoromethane	9.28		"	10.0		92.8 57.4-133			
Vinyl Chloride	8.44		"	10.0		84.4 54.9-124			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.52</i>		<i>"</i>	<i>10.0</i>		<i>95.2 72.6-129</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100 63.5-145</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.81</i>		<i>"</i>	<i>10.0</i>		<i>98.1 81.2-127</i>			

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20482 - EPA 5030B											
LCS Dup (BH20482-BSD1)											
Prepared & Analyzed: 08/10/2012											
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82.3-130		1.27	21.1	
1,1,1-Trichloroethane	10.0		"	10.0		100	75.6-137		1.10	19.7	
1,1,2,2-Tetrachloroethane	8.59		"	10.0		85.9	71.3-131		4.66	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	71.1-129		3.67	21.7	
1,1,2-Trichloroethane	9.05		"	10.0		90.5	74.5-129		0.990	20.3	
1,1-Dichloroethane	11.0		"	10.0		110	79.6-132		4.94	20.6	
1,1-Dichloroethylene	11.8		"	10.0		118	80.2-146		5.03	20	
1,1-Dichloropropylene	10.2		"	10.0		102	75-136		2.97	19.3	
1,2,3-Trichlorobenzene	10.1		"	10.0		101	66.1-136		3.85	21.6	
1,2,3-Trichloropropane	9.37		"	10.0		93.7	63-131		4.14	23.9	
1,2,4-Trichlorobenzene	9.06		"	10.0		90.6	70.6-136		1.22	21.7	
1,2,4-Trimethylbenzene	8.35		"	10.0		83.5	75.3-135		7.60	18.8	
1,2-Dibromo-3-chloropropane	8.73		"	10.0		87.3	58.9-140		5.35	27.7	
1,2-Dibromoethane	9.53		"	10.0		95.3	79-130		2.28	23	
1,2-Dichlorobenzene	8.60		"	10.0		86.0	76.1-122		4.99	19.8	
1,2-Dichloroethane	10.5		"	10.0		105	74.6-132		4.98	20.2	
1,2-Dichloropropane	9.68		"	10.0		96.8	76.9-129		4.44	20.7	
1,3,5-Trimethylbenzene	8.31		"	10.0		83.1	70.6-127		8.97	18.9	
1,3-Dichlorobenzene	8.43		"	10.0		84.3	77-124		6.32	19.2	
1,3-Dichloropropane	9.40		"	10.0		94.0	75.8-126		2.70	22.1	
1,4-Dichlorobenzene	8.58		"	10.0		85.8	76.6-125		3.10	18.6	
2,2-Dichloropropane	8.54		"	10.0		85.4	69-133		2.20	19.8	
2-Chlorotoluene	8.00		"	10.0		80.0	66.3-119		9.52	21.6	
2-Hexanone	9.62		"	10.0		96.2	70-130		7.50	30	
4-Chlorotoluene	8.44		"	10.0		84.4	69.2-127		4.97	19	
Acetone	12.9		"	10.0		129	70-130		4.93	30	
Benzene	10.2		"	10.0		102	76.2-129		4.32	19	
Bromobenzene	8.49		"	10.0		84.9	71.3-123		4.83	20.3	
Bromochloromethane	10.9		"	10.0		109	70.8-137		7.53	23.9	
Bromodichloromethane	9.95		"	10.0		99.5	79.7-134		1.11	21	
Bromoform	9.23		"	10.0		92.3	70.5-141		0.326	21.8	
Bromomethane	9.15		"	10.0		91.5	43.9-147		0.768	28.4	
Carbon tetrachloride	11.3		"	10.0		113	78.1-138		3.34	20.1	
Chlorobenzene	9.36		"	10.0		93.6	80.4-125		0.320	19.9	
Chloroethane	8.92		"	10.0		89.2	55.8-140		1.81	23.3	
Chloroform	10.2		"	10.0		102	76.6-133		4.02	20.3	
Chloromethane	8.83		"	10.0		88.3	48.8-115		2.41	24.5	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	75.1-128		3.19	20.5	
cis-1,3-Dichloropropylene	10.1		"	10.0		101	74.5-128		1.90	19.9	
Dibromochloromethane	10.0		"	10.0		100	79.8-134		1.81	21.3	
Dibromomethane	9.76		"	10.0		97.6	79-130		2.81	22.4	
Dichlorodifluoromethane	5.54		"	10.0		55.4	47.1-101		1.64	23.9	
Ethyl Benzene	9.37		"	10.0		93.7	80.8-128		1.38	19.2	
Hexachlorobutadiene	8.73		"	10.0		87.3	64.8-128		1.93	20.6	
Isopropylbenzene	8.92		"	10.0		89.2	75.5-135		8.58	20	
Methyl tert-butyl ether (MTBE)	8.73		"	10.0		87.3	65.1-140		11.4	23.6	
Methylene chloride	13.4		"	10.0		134	61.3-120	High Bias	6.06	20.4	
Naphthalene	9.73		"	10.0		97.3	62.3-148		1.02	27.1	
n-Butylbenzene	8.44		"	10.0		84.4	67.2-123		6.20	19.1	
n-Propylbenzene	8.37		"	10.0		83.7	70.5-127		8.47	23.4	
o-Xylene	8.91		"	10.0		89.1	75.9-122		0.894	19.3	
p- & m- Xylenes	18.3		"	20.0		91.5	77.7-127		1.09	18.6	
p-Isopropyltoluene	8.50		"	10.0		85.0	75.6-129		9.20	19.1	
sec-Butylbenzene	8.35		"	10.0		83.5	71.5-125		7.94	18.9	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH20482 - EPA 5030B

LCS Dup (BH20482-BSD1)

Prepared & Analyzed: 08/10/2012

Styrene	8.51		ug/L	10.0		85.1	77.8-123		0.118	20.9
tert-Butylbenzene	8.92		"	10.0		89.2	75.9-151		7.55	20.9
Tetrachloroethylene	9.13		"	10.0		91.3	63.6-167		0.00	27.7
Toluene	9.43		"	10.0		94.3	77-123		0.106	18.7
trans-1,2-Dichloroethylene	11.2		"	10.0		112	76.3-139		6.71	19.5
trans-1,3-Dichloropropylene	9.74		"	10.0		97.4	72.5-137		0.618	19.3
Trichloroethylene	9.28		"	10.0		92.8	77.9-130		3.70	20.5
Trichlorofluoromethane	9.58		"	10.0		95.8	57.4-133		3.18	21.4
Vinyl Chloride	8.63		"	10.0		86.3	54.9-124		2.23	22.3
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>72.6-129</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.56</i>		<i>"</i>	<i>10.0</i>		<i>95.6</i>	<i>63.5-145</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.62</i>		<i>"</i>	<i>10.0</i>		<i>96.2</i>	<i>81.2-127</i>			

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20417 - EPA 3010A											
Blank (BH20417-BLK1)											
										Prepared: 08/09/2012 Analyzed: 08/10/2012	
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BH20417-DUP1)											
										Prepared: 08/09/2012 Analyzed: 08/10/2012	
Iron - Dissolved	0.0504	0.0100	mg/L		0.0500					0.797	20
Matrix Spike (BH20417-MS1)											
										Prepared: 08/09/2012 Analyzed: 08/10/2012	
Iron - Dissolved	1.04	0.0100	mg/L	1.00	0.0500	99.4	75-125				
Reference (BH20417-SRM1)											
										Prepared: 08/09/2012 Analyzed: 08/10/2012	
Iron - Dissolved	0.261	0.0100	mg/L	0.274		95.1	86.9-115				

YORK

ANALYTICAL LABORATORIES, INC.

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 BH20417 - EPA 3010A											
Blank (BH20417-BLK1)											
										Prepared: 08/09/2012 Analyzed: 08/10/2012	
Iron	ND	0.0100	mg/L								
Duplicate (BH20417-DUP1)											
*Source sample: 12H0344-01 (WQ080812:1110NP2-10)										Prepared: 08/09/2012 Analyzed: 08/10/2012	
Iron	0.917	0.0100	mg/L		0.905				1.34	20	
Matrix Spike (BH20417-MS1)											
*Source sample: 12H0344-01 (WQ080812:1110NP2-10)										Prepared: 08/09/2012 Analyzed: 08/10/2012	
Iron	1.91	0.0100	mg/L	1.00	0.905	101	75-125				
Reference (BH20417-SRM1)											
										Prepared: 08/09/2012 Analyzed: 08/10/2012	
Iron	0.261	0.0100	mg/L	0.274		95.1	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20415 - % Solids Prep										
Blank (BH20415-BLK1)							Prepared & Analyzed: 08/10/2012			
Total Dissolved Solids	ND	1.00	mg/L							
Duplicate (BH20415-DUP1)							Prepared & Analyzed: 08/10/2012			
*Source sample: 12H0344-01 (WQ080812:1110NP2-10)										
Total Dissolved Solids	123	1.00	mg/L		124			0.810	15	

Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

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

Revision Description: On 09/10/12 the client submitted a revised COC with modified sample IDs and reporting instructions.

YORK
ANALYTICAL LABORATORIES, INC.
120 Research Dr., Blydenburg, CT 06615
(803) 325-1371 FAX (803) 257-0156

Field Chain-of-Custody Record

Page 1 of 1
York Project No. 12H0344

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

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: <u>LAB</u>	Company: <u>Same</u>	Address: _____	Address: _____	Company: <u>Same</u>	Address: _____	<u>Rowe Industries</u>		<input type="checkbox"/> RUSH - Same Day	<input checked="" type="checkbox"/> Summary Report <u>X.pdf</u>	<input checked="" type="checkbox"/> Summary w/ QA Standard <u>X.pdf</u>	
Address: <u>Wesland Dr, Suite 391</u>	Address: _____	Phone No: _____	Phone No: _____	Phone No: _____	Phone No: _____	<u>Purchase Order No. HABSAC</u>		<input type="checkbox"/> RUSH - Next Day	<input type="checkbox"/> CT RCP Package	<input type="checkbox"/> CT RCP DOADUE Pkg	
Phone No: <u>203-929-8555</u>	Phone No: _____	Attention: _____	Attention: _____	Attention: _____	Attention: _____	<u>Standard (5-7 Day)</u> <input checked="" type="checkbox"/>		<input type="checkbox"/> RUSH - Three Day	<input type="checkbox"/> NY ASP A Package	<input type="checkbox"/> NY ASP B Package <u>W2-10-01 only.pdf</u>	
Contact Person: <u>Tom Sander</u>	Attention: _____	E-Mail Address: _____	E-Mail Address: _____	E-Mail Address: _____	E-Mail Address: _____	Samples from: CT NY X NI		<input type="checkbox"/> RUSH - Four Day	<input type="checkbox"/> NIDEP Red Deliv.	<input type="checkbox"/> Electronic Data Deliverables (EDDL)	

Matrix Codes

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

Choose Analyses Needed from the Menu Above and Enter Below

6260 Full TICs	8270 or 625	9082PCA	MCRA4	TPH CRD	PAH Pol	Concentrity
624	Site Spec	8081Pent	TPH13 list	TPH DMO	TCL Opnds	Stability
STARS list	Nessus Co.	8151Heb	TAL	CT ETPH	TAL Mecon	Regularity
BTX	Seibick Co.	CT RCP	CT15 list	NT 310-15	Full TCLP	Rank Point
MTBE	Kerosene	PAH list	TAQM list	TPH 1664	Full App. IX	Stress Anal.
TCL list	Organics	Site Spec	Site Spec	AT T014A	Per 300/600	Heuristics
TAQM list	TCLP list	STRP-TCLP	Heal	AT T015	Per 300/600	BITUR
CT RCP list 34.2	TCR list	TCR Post	Disolved	AS STARS	Per 300/600	Argentic Tox
Aroma only 302.2	NIDEP list	TCR Hard	SPR/TCR	AS VTH	NIDEP-Pkg	TOC
Halog only	App. IX	App. IX	Chloride	AT T03	NIDEP-Pkg	TOC
App. IX list	NIDEP list	App. IX	Chloride	Medicine	NIDEP-Pkg	TOC
App. IX list	TCR list	App. IX	Chloride	Medicine	NIDEP-Pkg	TOC
App. IX list	TCR list	App. IX	Chloride	Medicine	NIDEP-Pkg	TOC

Sample Identification	Date Sampled	Sample Matrix	Preservation	Check these Analytes	Instructions	Field Filtered	Lab to Filter	Comments	
Rowe W0808081A:1100NP2-6	8/8/12	GW	GC	<input checked="" type="checkbox"/> Fresh	<input checked="" type="checkbox"/> Zide	<input checked="" type="checkbox"/> MeOH	<input checked="" type="checkbox"/> H ₂ SO ₄	<input checked="" type="checkbox"/> NaOH	Rowe W0808081A:1100NP2-6
Rowe W0808081A:1105NP2-7		GW							Rowe W0808081A:1105NP2-7
Rowe W0808081A:1110NP2-10		GW							Rowe W0808081A:1110NP2-10
Rowe W0808081A:1115NP2-14		GW							Rowe W0808081A:1115NP2-14
Rowe W0808081A:1120NP2-22		GW							Rowe W0808081A:1120NP2-22
Rowe W0808081A:1130NP2-26		GW							Rowe W0808081A:1130NP2-26
Rowe W0808081A:1135NP2-27		GW							Rowe W0808081A:1135NP2-27

Should be on one report
Should be reported in a separate report

Comments: Please make changes indicated in red.

8/9/12 (1418)

8-9-12 1048

8-9-12 1048

1048 5.20C

(system)

ANALYTICAL LABORATORIES, INC.
 120 Research Dr. STURRIDGE, CT 06615
 (803) 325-1371 FAX (803) 257-0156

YORK

Field Chain-of-Custody Record

Page 1 of 1
 York Project No. 12H0344

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

YOUR Information
 Company: LAB
 Address: Wesland Dr, Suite 391
Shelton CT 06484
 Phone No: 203-929-8555
 Contact Person: Terde Sander
 E-Mail Address: Terde@LABCT.com

Report To:
 Company: Same
 Address: _____
 Phone No: _____
 Attention: _____

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

YOUR Project ID
Rowe Industries
 Purchase Order No. HAS5AC

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 pdf
 Summary w/ QA Standard pdf
 CT RCP Package
 CT RCP DOADUE Pkg
 NY ASP A Package
 NY ASP B Package W2-10 only
 NIDRP Red Deliv.
 Electronic Data Deliverables (EDDL)
 Sample Excel X
 NYSD&C EQUIS
 EQUIS (std)
 EZ-HDD (EQUIS)
 NIDRP SRP HazSlid EDD
 GIS/KEY (std)
 Other: _____
 York Regulatory Comparisons
 Kreck Spectralnet
 Compare to the following (use green fill):

Handwritten note: All information must be completed. Samples will NOT be logged in and in the future a copy of the log will not be kept until all questions are resolved.

Name (printed): Erin Foster
 Samples Collected/Authorized by (Signature): [Signature]

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
<u>Rowe W0808081A:1100NP2-6</u>	<u>8/8/12</u>	<u>GW</u>	<u>Fe by EPA 800-V/Fe, Dissolved by EPA 8007 (sw/445-6010) Vols, 8260 list (EPA SW845-8260B), plus known H3</u>	<u>2V0A, 1 plastic, 1HW2</u>
<u>Rowe W0808081A:1105NP2-7</u>		<u>GW</u>	<u>Fe by EPA 800-V/Fe, Dissolved by EPA 8007 (sw/445-6010) Vols, 8260 list (EPA SW845-8260B), plus known H3</u>	<u>"</u>
<u>Rowe W0808081A:1110NP2-10</u>		<u>GW</u>	<u>Fe by EPA 800-V/Fe, Dissolved by EPA 8007 (sw/445-6010) Vols, 8260 list (EPA SW845-8260B), plus known H3</u>	<u>2V0A, 1 plastic, 1HW2</u>
<u>Rowe W0808081A:1115NP2-2-4</u>		<u>GW</u>	<u>VOC's 8260 list (EPA SW845-8260B)+EPA 113</u>	<u>V0A VIALS X2</u>
<u>Rowe W0808081A:1115NP2-2-2</u>		<u>GW</u>		
<u>Rowe W0808081A:1130NP2-2-6</u>		<u>GW</u>		
<u>Rowe W0808081A:1135NP2-2-7</u>		<u>GW</u>		

Comments: Please make changes indicated in red.

Preservation: Check these Analytes
 Special
 Instructions
 Field Filtered
 Lab to Filter

QC: Fresh
 Zide
 MCOB
 Anionic Acl
 Other
 Date/Time: 8-9-12 (1418)

Sampler Received By: [Signature]
 Date/Time: 8-9-12
 Samples Received In: LAB

Temperature on Receipt: 15.40 5.20C

Handwritten notes: Should be on one report. Should be reported in a separate report.

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: 08/23/2012

Client Project ID: Rowe Industries

York Project (SDG) No.: 12H0600

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 08/23/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0600

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 16, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12H0600-01	WQ81512:1236NP2-6	Water	08/15/2012	08/16/2012
12H0600-02	WQ81512:1241NP2-7	Water	08/15/2012	08/16/2012
12H0602-01	WQ81512:1229NP2-10	Water	08/15/2012	08/16/2012

General Notes for York Project (SDG) No.: 12H0600

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

Approved By:



Robert Q. Bradley
Executive Vice President / Laboratory Director

Date: 08/23/2012

YORK

Sample Information

Client Sample ID: WQ81512:1236NP2-6

York Sample ID: 12H0600-01

York Project (SDG) No.
12H0600

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 15, 2012 12:36 pm

Date Received
08/16/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
71-55-6	1,1,1-Trichloroethane	0.57		ug/L	0.024	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
75-34-3	1,1-Dichloroethane	0.34	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
87-61-6	1,2,3-Trichlorobenzene	0.12	J	ug/L	0.12	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS

Sample Information

Client Sample ID: WQ81512:1236NP2-6

York Sample ID: 12H0600-01

York Project (SDG) No.
12H0600

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 15, 2012 12:36 pm

Date Received
08/16/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
67-66-3	Chloroform	0.19	J	ug/L	0.079	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
75-09-2	Methylene chloride	0.26	J	ug/L	0.26	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
91-20-3	Naphthalene	1.6	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
127-18-4	Tetrachloroethylene	0.66		ug/L	0.070	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	97.6 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	99.6 %	81.2-127								

Sample Information

Client Sample ID: WQ81512:1236NP2-6

York Sample ID: 12H0600-01

York Project (SDG) No.
12H0600

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 15, 2012 12:36 pm

Date Received
08/16/2012

Iron, Dissolved by EPA 6010

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/20/2012 16:30	08/20/2012 21:27	MW

Iron by EPA 200.7

Log-in Notes: PRES

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	1.11		mg/L	0.0100	0.0100	1	EPA 200.7	08/20/2012 16:30	08/20/2012 21:32	MW

Sample Information

Client Sample ID: WQ81512:1241NP2-7

York Sample ID: 12H0600-02

York Project (SDG) No.
12H0600

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 15, 2012 12:41 pm

Date Received
08/16/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS

Sample Information

Client Sample ID: WQ81512:1241NP2-7

York Sample ID: 12H0600-02

York Project (SDG) No.
12H0600

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 15, 2012 12:41 pm

Date Received
08/16/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
67-64-1	Acetone	2.0		ug/L	0.90	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
91-20-3	Naphthalene	0.67	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS

Sample Information

Client Sample ID: WQ81512:1241NP2-7

York Sample ID: 12H0600-02

York Project (SDG) No.
12H0600

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 15, 2012 12:41 pm

Date Received
08/16/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	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	102 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	103 %			81.2-127						

Iron, Dissolved by EPA 6010

Log-in Notes: PRES

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	0.0283		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/20/2012 16:30	08/20/2012 21:37	MW

Iron by EPA 200.7

Log-in Notes: PRES

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	1.36		mg/L	0.0100	0.0100	1	EPA 200.7	08/20/2012 16:30	08/20/2012 21:43	MW

Total Dissolved Solids

Log-in Notes: PRES

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	202		mg/L	1.00	1.00	1	SM 2540C	08/22/2012 15:31	08/22/2012 15:31	ALD

Sample Information

Client Sample ID: WQ81512:1229NP2-10

York Sample ID: 12H0602-01

York Project (SDG) No.
12H0602

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 15, 2012 12:29 pm

Date Received
08/16/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: WQ81512:1229NP2-10

York Sample ID: 12H0602-01

York Project (SDG) No.
12H0602

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 15, 2012 12:29 pm

Date Received
08/16/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS

Sample Information

Client Sample ID: WQ81512:1229NP2-10

York Sample ID: 12H0602-01

York Project (SDG) No.
12H0602

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 15, 2012 12:29 pm

Date Received
08/16/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	97.3 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	100 %			81.2-127						

Sample Information

Client Sample ID: WQ81512:1229NP2-10

York Sample ID: 12H0602-01

York Project (SDG) No.
12H0602

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 15, 2012 12:29 pm

Date Received
08/16/2012

Iron, Dissolved by EPA 6010

Log-in Notes: PRES

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/20/2012 16:30	08/20/2012 20:34	MW

Iron by EPA 200.7

Log-in Notes: PRES

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	3.89		mg/L	0.0100	0.0100	1	EPA 200.7	08/20/2012 16:30	08/20/2012 21:07	MW

Analytical Batch Summary

Batch ID: BH20820

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0602-01	WQ81512:1229NP2-10	08/20/12
BH20820-BLK1	Blank	08/20/12
BH20820-BS1	LCS	08/20/12
BH20820-BSD1	LCS Dup	08/20/12

Batch ID: BH20842

Preparation Method: EPA 3010A

Prepared By: MW

YORK Sample ID	Client Sample ID	Preparation Date
12H0600-01	WQ81512:1236NP2-6	08/20/12
12H0600-01	WQ81512:1236NP2-6	08/20/12
12H0600-02	WQ81512:1241NP2-7	08/20/12
12H0600-02	WQ81512:1241NP2-7	08/20/12
12H0602-01	WQ81512:1229NP2-10	08/20/12
12H0602-01	WQ81512:1229NP2-10	08/20/12
BH20842-BLK1	Blank	08/20/12
BH20842-BLK1	Blank	08/20/12
BH20842-DUP1	Duplicate	08/20/12
BH20842-DUP1	Duplicate	08/20/12
BH20842-MS1	Matrix Spike	08/20/12
BH20842-MS1	Matrix Spike	08/20/12
BH20842-SRM1	Reference	08/20/12
BH20842-SRM1	Reference	08/20/12

Batch ID: BH20874

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0600-01	WQ81512:1236NP2-6	08/21/12
12H0600-02	WQ81512:1241NP2-7	08/21/12
BH20874-BLK1	Blank	08/21/12
BH20874-BS1	LCS	08/21/12
BH20874-BSD1	LCS Dup	08/21/12

Batch ID: BH20934

Preparation Method: % Solids Prep

Prepared By: ALD

YORK Sample ID	Client Sample ID	Preparation Date
12H0600-02	WQ81512:1241NP2-7	08/22/12
BH20934-BLK1	Blank	08/22/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH20820 - EPA 5030B

Blank (BH20820-BLK1)

Prepared & Analyzed: 08/20/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.1	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	0.70	2.0	"								
Naphthalene	3.6	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20820 - EPA 5030B											
Blank (BH20820-BLK1)											
Prepared & Analyzed: 08/20/2012											
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.98		"	10.0		99.8	72.6-129				
<i>Surrogate: p-Bromofluorobenzene</i>	9.73		"	10.0		97.3	63.5-145				
<i>Surrogate: Toluene-d8</i>	9.99		"	10.0		99.9	81.2-127				
LCS (BH20820-BS1)											
Prepared & Analyzed: 08/20/2012											
1,1,1,2-Tetrachloroethane	9.31		ug/L	10.0		93.1	82.3-130				
1,1,1-Trichloroethane	9.23		"	10.0		92.3	75.6-137				
1,1,2,2-Tetrachloroethane	9.20		"	10.0		92.0	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.67		"	10.0		96.7	71.1-129				
1,1,2-Trichloroethane	8.66		"	10.0		86.6	74.5-129				
1,1-Dichloroethane	9.85		"	10.0		98.5	79.6-132				
1,1-Dichloroethylene	10.3		"	10.0		103	80.2-146				
1,1-Dichloropropylene	9.20		"	10.0		92.0	75-136				
1,2,3-Trichlorobenzene	9.75		"	10.0		97.5	66.1-136				
1,2,3-Trichloropropane	9.33		"	10.0		93.3	63-131				
1,2,4-Trichlorobenzene	8.92		"	10.0		89.2	70.6-136				
1,2,4-Trimethylbenzene	7.51		"	10.0		75.1	75.3-135	Low Bias			
1,2-Dibromo-3-chloropropane	7.75		"	10.0		77.5	58.9-140				
1,2-Dibromoethane	8.98		"	10.0		89.8	79-130				
1,2-Dichlorobenzene	8.80		"	10.0		88.0	76.1-122				
1,2-Dichloroethane	9.42		"	10.0		94.2	74.6-132				
1,2-Dichloropropane	9.12		"	10.0		91.2	76.9-129				
1,3,5-Trimethylbenzene	7.72		"	10.0		77.2	70.6-127				
1,3-Dichlorobenzene	8.58		"	10.0		85.8	77-124				
1,3-Dichloropropane	9.00		"	10.0		90.0	75.8-126				
1,4-Dichlorobenzene	8.78		"	10.0		87.8	76.6-125				
2,2-Dichloropropane	8.90		"	10.0		89.0	69-133				
2-Chlorotoluene	8.44		"	10.0		84.4	66.3-119				
2-Hexanone	9.75		"	10.0		97.5	70-130				
4-Chlorotoluene	8.68		"	10.0		86.8	69.2-127				
Acetone	9.49		"	10.0		94.9	70-130				
Benzene	9.06		"	10.0		90.6	76.2-129				
Bromobenzene	8.71		"	10.0		87.1	71.3-123				
Bromochloromethane	9.11		"	10.0		91.1	70.8-137				
Bromodichloromethane	9.28		"	10.0		92.8	79.7-134				
Bromoform	9.85		"	10.0		98.5	70.5-141				
Bromomethane	9.22		"	10.0		92.2	43.9-147				
Carbon tetrachloride	9.45		"	10.0		94.5	78.1-138				
Chlorobenzene	8.91		"	10.0		89.1	80.4-125				
Chloroethane	8.66		"	10.0		86.6	55.8-140				
Chloroform	8.98		"	10.0		89.8	76.6-133				
Chloromethane	9.24		"	10.0		92.4	48.8-115				
cis-1,2-Dichloroethylene	9.20		"	10.0		92.0	75.1-128				
cis-1,3-Dichloropropylene	9.32		"	10.0		93.2	74.5-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20820 - EPA 5030B										
LCS (BH20820-BS1)										
Prepared & Analyzed: 08/20/2012										
Dibromochloromethane	9.43		ug/L	10.0		94.3	79.8-134			
Dibromomethane	9.37		"	10.0		93.7	79-130			
Dichlorodifluoromethane	8.56		"	10.0		85.6	47.1-101			
Ethyl Benzene	8.84		"	10.0		88.4	80.8-128			
Hexachlorobutadiene	8.39		"	10.0		83.9	64.8-128			
Isopropylbenzene	9.29		"	10.0		92.9	75.5-135			
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	65.1-140			
Methylene chloride	9.99		"	10.0		99.9	61.3-120			
Naphthalene	10.8		"	10.0		108	62.3-148			
n-Butylbenzene	8.56		"	10.0		85.6	67.2-123			
n-Propylbenzene	8.49		"	10.0		84.9	70.5-127			
o-Xylene	8.51		"	10.0		85.1	75.9-122			
p- & m- Xylenes	17.0		"	20.0		85.1	77.7-127			
p-Isopropyltoluene	8.65		"	10.0		86.5	75.6-129			
sec-Butylbenzene	8.57		"	10.0		85.7	71.5-125			
Styrene	6.19		"	10.0		61.9	77.8-123	Low Bias		
tert-Butylbenzene	9.50		"	10.0		95.0	75.9-151			
Tetrachloroethylene	8.58		"	10.0		85.8	63.6-167			
Toluene	8.77		"	10.0		87.7	77-123			
trans-1,2-Dichloroethylene	9.76		"	10.0		97.6	76.3-139			
trans-1,3-Dichloropropylene	9.25		"	10.0		92.5	72.5-137			
Trichloroethylene	8.99		"	10.0		89.9	77.9-130			
Trichlorofluoromethane	8.90		"	10.0		89.0	57.4-133			
Vinyl Chloride	8.80		"	10.0		88.0	54.9-124			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.57		"	10.0		95.7	72.6-129			
<i>Surrogate: p-Bromofluorobenzene</i>	9.97		"	10.0		99.7	63.5-145			
<i>Surrogate: Toluene-d8</i>	9.80		"	10.0		98.0	81.2-127			

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	
		Limit			Result	%REC			RPD	Limit
Batch BH20820 - EPA 5030B										
LCS Dup (BH20820-BSD1)										
Prepared & Analyzed: 08/20/2012										
1,1,1,2-Tetrachloroethane	9.26		ug/L	10.0		92.6	82.3-130		0.539	21.1
1,1,1-Trichloroethane	9.13		"	10.0		91.3	75.6-137		1.09	19.7
1,1,2,2-Tetrachloroethane	9.15		"	10.0		91.5	71.3-131		0.545	20.8
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.97		"	10.0		89.7	71.1-129		7.51	21.7
1,1,2-Trichloroethane	8.85		"	10.0		88.5	74.5-129		2.17	20.3
1,1-Dichloroethane	9.75		"	10.0		97.5	79.6-132		1.02	20.6
1,1-Dichloroethylene	10.2		"	10.0		102	80.2-146		0.975	20
1,1-Dichloropropylene	8.88		"	10.0		88.8	75-136		3.54	19.3
1,2,3-Trichlorobenzene	9.11		"	10.0		91.1	66.1-136		6.79	21.6
1,2,3-Trichloropropane	9.28		"	10.0		92.8	63-131		0.537	23.9
1,2,4-Trichlorobenzene	8.17		"	10.0		81.7	70.6-136		8.78	21.7
1,2,4-Trimethylbenzene	7.59		"	10.0		75.9	75.3-135		1.06	18.8
1,2-Dibromo-3-chloropropane	8.36		"	10.0		83.6	58.9-140		7.57	27.7
1,2-Dibromoethane	9.27		"	10.0		92.7	79-130		3.18	23
1,2-Dichlorobenzene	8.40		"	10.0		84.0	76.1-122		4.65	19.8
1,2-Dichloroethane	9.43		"	10.0		94.3	74.6-132		0.106	20.2
1,2-Dichloropropane	9.11		"	10.0		91.1	76.9-129		0.110	20.7
1,3,5-Trimethylbenzene	7.71		"	10.0		77.1	70.6-127		0.130	18.9
1,3-Dichlorobenzene	8.26		"	10.0		82.6	77-124		3.80	19.2
1,3-Dichloropropane	8.86		"	10.0		88.6	75.8-126		1.57	22.1
1,4-Dichlorobenzene	8.46		"	10.0		84.6	76.6-125		3.71	18.6
2,2-Dichloropropane	8.51		"	10.0		85.1	69-133		4.48	19.8
2-Chlorotoluene	8.23		"	10.0		82.3	66.3-119		2.52	21.6
2-Hexanone	9.17		"	10.0		91.7	70-130		6.13	30
4-Chlorotoluene	8.28		"	10.0		82.8	69.2-127		4.72	19
Acetone	9.64		"	10.0		96.4	70-130		1.57	30
Benzene	9.19		"	10.0		91.9	76.2-129		1.42	19
Bromobenzene	8.51		"	10.0		85.1	71.3-123		2.32	20.3
Bromochloromethane	9.30		"	10.0		93.0	70.8-137		2.06	23.9
Bromodichloromethane	9.06		"	10.0		90.6	79.7-134		2.40	21
Bromoform	9.68		"	10.0		96.8	70.5-141		1.74	21.8
Bromomethane	9.82		"	10.0		98.2	43.9-147		6.30	28.4
Carbon tetrachloride	9.11		"	10.0		91.1	78.1-138		3.66	20.1
Chlorobenzene	8.94		"	10.0		89.4	80.4-125		0.336	19.9
Chloroethane	8.59		"	10.0		85.9	55.8-140		0.812	23.3
Chloroform	8.93		"	10.0		89.3	76.6-133		0.558	20.3
Chloromethane	9.09		"	10.0		90.9	48.8-115		1.64	24.5
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	75.1-128		1.94	20.5
cis-1,3-Dichloropropylene	9.63		"	10.0		96.3	74.5-128		3.27	19.9
Dibromochloromethane	9.44		"	10.0		94.4	79.8-134		0.106	21.3
Dibromomethane	9.76		"	10.0		97.6	79-130		4.08	22.4
Dichlorodifluoromethane	8.15		"	10.0		81.5	47.1-101		4.91	23.9
Ethyl Benzene	8.90		"	10.0		89.0	80.8-128		0.676	19.2
Hexachlorobutadiene	7.49		"	10.0		74.9	64.8-128		11.3	20.6
Isopropylbenzene	9.02		"	10.0		90.2	75.5-135		2.95	20
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	65.1-140		2.33	23.6
Methylene chloride	10.0		"	10.0		100	61.3-120		0.200	20.4
Naphthalene	9.79		"	10.0		97.9	62.3-148		9.44	27.1
n-Butylbenzene	8.14		"	10.0		81.4	67.2-123		5.03	19.1
n-Propylbenzene	8.29		"	10.0		82.9	70.5-127		2.38	23.4
o-Xylene	8.50		"	10.0		85.0	75.9-122		0.118	19.3
p- & m- Xylenes	17.0		"	20.0		85.0	77.7-127		0.118	18.6
p-Isopropyltoluene	8.22		"	10.0		82.2	75.6-129		5.10	19.1
sec-Butylbenzene	8.21		"	10.0		82.1	71.5-125		4.29	18.9

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH20820 - EPA 5030B

LCS Dup (BH20820-BSD1)

Prepared & Analyzed: 08/20/2012

Styrene	6.56		ug/L	10.0		65.6 77.8-123	Low Bias	5.80	20.9	
tert-Butylbenzene	9.70		"	10.0		97.0 75.9-151		2.08	20.9	
Tetrachloroethylene	8.33		"	10.0		83.3 63.6-167		2.96	27.7	
Toluene	8.85		"	10.0		88.5 77-123		0.908	18.7	
trans-1,2-Dichloroethylene	9.55		"	10.0		95.5 76.3-139		2.18	19.5	
trans-1,3-Dichloropropylene	9.40		"	10.0		94.0 72.5-137		1.61	19.3	
Trichloroethylene	9.11		"	10.0		91.1 77.9-130		1.33	20.5	
Trichlorofluoromethane	8.24		"	10.0		82.4 57.4-133		7.70	21.4	
Vinyl Chloride	8.55		"	10.0		85.5 54.9-124		2.88	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.61</i>		<i>"</i>	<i>10.0</i>		<i>96.1 72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.93</i>		<i>"</i>	<i>10.0</i>		<i>99.3 63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102 81.2-127</i>				

Batch BH20874 - EPA 5030B

Blank (BH20874-BLK1)

Prepared & Analyzed: 08/21/2012

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

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH20874 - EPA 5030B

Blank (BH20874-BLK1)

Prepared & Analyzed: 08/21/2012

cis-1,3-Dichloropropylene	ND	0.50	ug/L								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	4.4	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.56</i>		<i>"</i>	<i>10.0</i>		<i>95.6</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>81.2-127</i>				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20874 - EPA 5030B											
LCS (BH20874-BS1)											
Prepared & Analyzed: 08/21/2012											
1,1,1,2-Tetrachloroethane	9.06		ug/L	10.0		90.6	82.3-130				
1,1,1-Trichloroethane	9.62		"	10.0		96.2	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)	10.1		"	10.0		101	71.1-129				
1,1,2-Trichloroethane	8.52		"	10.0		85.2	74.5-129				
1,1-Dichloroethane	9.76		"	10.0		97.6	79.6-132				
1,1-Dichloroethylene	11.2		"	10.0		112	80.2-146				
1,1-Dichloropropylene	9.37		"	10.0		93.7	75-136				
1,2,3-Trichlorobenzene	9.65		"	10.0		96.5	66.1-136				
1,2,3-Trichloropropane	8.08		"	10.0		80.8	63-131				
1,2,4-Trichlorobenzene	8.48		"	10.0		84.8	70.6-136				
1,2,4-Trimethylbenzene	8.91		"	10.0		89.1	75.3-135				
1,2-Dibromo-3-chloropropane	8.68		"	10.0		86.8	58.9-140				
1,2-Dibromoethane	8.72		"	10.0		87.2	79-130				
1,2-Dichlorobenzene	8.48		"	10.0		84.8	76.1-122				
1,2-Dichloroethane	9.05		"	10.0		90.5	74.6-132				
1,2-Dichloropropane	8.88		"	10.0		88.8	76.9-129				
1,3,5-Trimethylbenzene	8.43		"	10.0		84.3	70.6-127				
1,3-Dichlorobenzene	8.09		"	10.0		80.9	77-124				
1,3-Dichloropropane	8.74		"	10.0		87.4	75.8-126				
1,4-Dichlorobenzene	8.20		"	10.0		82.0	76.6-125				
2,2-Dichloropropane	11.0		"	10.0		110	69-133				
2-Chlorotoluene	8.42		"	10.0		84.2	66.3-119				
2-Hexanone	7.49		"	10.0		74.9	70-130				
4-Chlorotoluene	8.59		"	10.0		85.9	69.2-127				
Acetone	8.10		"	10.0		81.0	70-130				
Benzene	8.96		"	10.0		89.6	76.2-129				
Bromobenzene	8.40		"	10.0		84.0	71.3-123				
Bromochloromethane	9.06		"	10.0		90.6	70.8-137				
Bromodichloromethane	9.10		"	10.0		91.0	79.7-134				
Bromoform	9.19		"	10.0		91.9	70.5-141				
Bromomethane	9.77		"	10.0		97.7	43.9-147				
Carbon tetrachloride	9.88		"	10.0		98.8	78.1-138				
Chlorobenzene	8.89		"	10.0		88.9	80.4-125				
Chloroethane	9.28		"	10.0		92.8	55.8-140				
Chloroform	8.91		"	10.0		89.1	76.6-133				
Chloromethane	9.25		"	10.0		92.5	48.8-115				
cis-1,2-Dichloroethylene	9.13		"	10.0		91.3	75.1-128				
cis-1,3-Dichloropropylene	9.59		"	10.0		95.9	74.5-128				
Dibromochloromethane	9.02		"	10.0		90.2	79.8-134				
Dibromomethane	9.42		"	10.0		94.2	79-130				
Dichlorodifluoromethane	9.70		"	10.0		97.0	47.1-101				
Ethyl Benzene	9.23		"	10.0		92.3	80.8-128				
Hexachlorobutadiene	8.70		"	10.0		87.0	64.8-128				
Isopropylbenzene	9.56		"	10.0		95.6	75.5-135				
Methyl tert-butyl ether (MTBE)	8.74		"	10.0		87.4	65.1-140				
Methylene chloride	8.79		"	10.0		87.9	61.3-120				
Naphthalene	11.0		"	10.0		110	62.3-148				
n-Butylbenzene	9.13		"	10.0		91.3	67.2-123				
n-Propylbenzene	8.90		"	10.0		89.0	70.5-127				
o-Xylene	8.74		"	10.0		87.4	75.9-122				
p- & m- Xylenes	17.9		"	20.0		89.4	77.7-127				
p-Isopropyltoluene	9.15		"	10.0		91.5	75.6-129				
sec-Butylbenzene	8.93		"	10.0		89.3	71.5-125				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20874 - EPA 5030B										
Prepared & Analyzed: 08/21/2012										
LCS (BH20874-BS1)										
Styrene	8.48		ug/L	10.0		84.8				
tert-Butylbenzene	10.3		"	10.0		103				
Tetrachloroethylene	9.15		"	10.0		91.5				
Toluene	8.96		"	10.0		89.6				
trans-1,2-Dichloroethylene	9.98		"	10.0		99.8				
trans-1,3-Dichloropropylene	9.18		"	10.0		91.8				
Trichloroethylene	9.24		"	10.0		92.4				
Trichlorofluoromethane	9.61		"	10.0		96.1				
Vinyl Chloride	9.64		"	10.0		96.4				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.70		"	10.0		97.0				
<i>Surrogate: p-Bromofluorobenzene</i>	9.97		"	10.0		99.7				
<i>Surrogate: Toluene-d8</i>	10.2		"	10.0		102				
Prepared & Analyzed: 08/21/2012										
LCS Dup (BH20874-BSD1)										
1,1,1,2-Tetrachloroethane	9.47		ug/L	10.0		94.7		4.43	21.1	
1,1,1-Trichloroethane	10.1		"	10.0		101		4.97	19.7	
1,1,2,2-Tetrachloroethane	8.93		"	10.0		89.3		6.35	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103		2.15	21.7	
1,1,2-Trichloroethane	8.86		"	10.0		88.6		3.91	20.3	
1,1-Dichloroethane	10.2		"	10.0		102		4.90	20.6	
1,1-Dichloroethylene	11.6		"	10.0		116		3.69	20	
1,1-Dichloropropylene	9.71		"	10.0		97.1		3.56	19.3	
1,2,3-Trichlorobenzene	11.0		"	10.0		110		13.5	21.6	
1,2,3-Trichloropropane	8.93		"	10.0		89.3		9.99	23.9	
1,2,4-Trichlorobenzene	9.82		"	10.0		98.2		14.6	21.7	
1,2,4-Trimethylbenzene	9.31		"	10.0		93.1		4.39	18.8	
1,2-Dibromo-3-chloropropane	9.38		"	10.0		93.8		7.75	27.7	
1,2-Dibromoethane	9.88		"	10.0		98.8		12.5	23	
1,2-Dichlorobenzene	9.18		"	10.0		91.8		7.93	19.8	
1,2-Dichloroethane	9.53		"	10.0		95.3		5.17	20.2	
1,2-Dichloropropane	9.35		"	10.0		93.5		5.16	20.7	
1,3,5-Trimethylbenzene	8.62		"	10.0		86.2		2.23	18.9	
1,3-Dichlorobenzene	8.77		"	10.0		87.7		8.07	19.2	
1,3-Dichloropropane	9.10		"	10.0		91.0		4.04	22.1	
1,4-Dichlorobenzene	8.89		"	10.0		88.9		8.07	18.6	
2,2-Dichloropropane	11.7		"	10.0		117		6.44	19.8	
2-Chlorotoluene	8.64		"	10.0		86.4		2.58	21.6	
2-Hexanone	8.43		"	10.0		84.3		11.8	30	
4-Chlorotoluene	8.77		"	10.0		87.7		2.07	19	
Acetone	8.71		"	10.0		87.1		7.26	30	
Benzene	9.50		"	10.0		95.0		5.85	19	
Bromobenzene	8.90		"	10.0		89.0		5.78	20.3	
Bromochloromethane	10.0		"	10.0		100		9.86	23.9	
Bromodichloromethane	9.39		"	10.0		93.9		3.14	21	
Bromoform	9.64		"	10.0		96.4		4.78	21.8	
Bromomethane	10.4		"	10.0		104		6.34	28.4	
Carbon tetrachloride	10.1		"	10.0		101		2.20	20.1	
Chlorobenzene	9.34		"	10.0		93.4		4.94	19.9	
Chloroethane	9.45		"	10.0		94.5		1.82	23.3	
Chloroform	9.42		"	10.0		94.2		5.56	20.3	
Chloromethane	9.55		"	10.0		95.5		3.19	24.5	
cis-1,2-Dichloroethylene	9.32		"	10.0		93.2		2.06	20.5	
cis-1,3-Dichloropropylene	10.1		"	10.0		101		4.88	19.9	
Dibromochloromethane	10.1		"	10.0		101		11.4	21.3	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20874 - EPA 5030B										
LCS Dup (BH20874-BSD1)										
						Prepared & Analyzed: 08/21/2012				
Dibromomethane	10.1		ug/L	10.0		101 79-130		6.57	22.4	
Dichlorodifluoromethane	9.81		"	10.0		98.1 47.1-101		1.13	23.9	
Ethyl Benzene	9.50		"	10.0		95.0 80.8-128		2.88	19.2	
Hexachlorobutadiene	10.4		"	10.0		104 64.8-128		18.1	20.6	
Isopropylbenzene	9.78		"	10.0		97.8 75.5-135		2.28	20	
Methyl tert-butyl ether (MTBE)	9.70		"	10.0		97.0 65.1-140		10.4	23.6	
Methylene chloride	9.51		"	10.0		95.1 61.3-120		7.87	20.4	
Naphthalene	10.8		"	10.0		108 62.3-148		1.01	27.1	
n-Butylbenzene	9.66		"	10.0		96.6 67.2-123		5.64	19.1	
n-Propylbenzene	9.07		"	10.0		90.7 70.5-127		1.89	23.4	
o-Xylene	9.07		"	10.0		90.7 75.9-122		3.71	19.3	
p- & m- Xylenes	18.5		"	20.0		92.7 77.7-127		3.62	18.6	
p-Isopropyltoluene	9.53		"	10.0		95.3 75.6-129		4.07	19.1	
sec-Butylbenzene	9.11		"	10.0		91.1 71.5-125		2.00	18.9	
Styrene	8.85		"	10.0		88.5 77.8-123		4.27	20.9	
tert-Butylbenzene	10.7		"	10.0		107 75.9-151		3.81	20.9	
Tetrachloroethylene	9.30		"	10.0		93.0 63.6-167		1.63	27.7	
Toluene	9.34		"	10.0		93.4 77-123		4.15	18.7	
trans-1,2-Dichloroethylene	10.3		"	10.0		103 76.3-139		2.77	19.5	
trans-1,3-Dichloropropylene	9.70		"	10.0		97.0 72.5-137		5.51	19.3	
Trichloroethylene	9.46		"	10.0		94.6 77.9-130		2.35	20.5	
Trichlorofluoromethane	9.81		"	10.0		98.1 57.4-133		2.06	21.4	
Vinyl Chloride	9.73		"	10.0		97.3 54.9-124		0.929	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100 72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.90</i>		<i>"</i>	<i>10.0</i>		<i>99.0 63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101 81.2-127</i>				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20842 - EPA 3010A											
Blank (BH20842-BLK1)							Prepared & Analyzed: 08/20/2012				
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BH20842-DUP1)							Prepared & Analyzed: 08/20/2012				
*Source sample: 12H0602-01 (WQ81512:1229NP2-10)											
Iron - Dissolved	ND	0.0100	mg/L		ND					20	
Matrix Spike (BH20842-MS1)							Prepared & Analyzed: 08/20/2012				
*Source sample: 12H0602-01 (WQ81512:1229NP2-10)											
Iron - Dissolved	1.09	0.0100	mg/L	1.00	ND	109	75-125				
Reference (BH20842-SRM1)							Prepared & Analyzed: 08/20/2012				
Iron - Dissolved	0.245	0.0100	mg/L	0.274		89.3	86.9-115				

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Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20842 - EPA 3010A											
Blank (BH20842-BLK1)											
								Prepared & Analyzed: 08/20/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BH20842-DUP1)											
								Prepared & Analyzed: 08/20/2012			
*Source sample: 12H0602-01 (WQ81512:1229NP2-10)											
Iron	3.82	0.0100	mg/L		3.89				1.68	20	
Matrix Spike (BH20842-MS1)											
								Prepared & Analyzed: 08/20/2012			
*Source sample: 12H0602-01 (WQ81512:1229NP2-10)											
Iron	4.89	0.0100	mg/L	1.00	3.89	100	75-125				
Reference (BH20842-SRM1)											
								Prepared & Analyzed: 08/20/2012			
Iron	0.245	0.0100	mg/L	0.274		89.3	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20934 - % Solids Prep											
Blank (BH20934-BLK1)										Prepared & Analyzed: 08/22/2012	
Total Dissolved Solids	ND	1.00	mg/L								

Notes and Definitions

- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
- QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
- PRES Sample was received with no preservative and was preserved upon receipt at the laboratory. If for metals, the sample was allowed to sit for 18-24 hours before analysis.
- J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
- B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

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

-
- Corrective Action: Client submitted all 250 ml plastics unpreserved - JG 08/16/2012
- Corrective Action: Client submitted all 250 ml plastics unpreserved - JG 08/16/2012

YORK

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

Field Chain-of-Custody Record

Page of

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. 12H0602

YOUR Information Company: <u>LBG</u> Address: <u>4 Research Drive S1301</u> <u>Shelton, CT 06484</u> Phone No. <u>2039298555</u> Contact Person: <u>Travis Scudder</u> E-Mail Address: <u>TSU@DOCS.LBG.COM</u>		Report To: Company: <u>SEM</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR Project ID <u>Rose Industries</u>		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report <input checked="" type="checkbox"/> Summary w/ QA Summary <input checked="" type="checkbox"/> CT RCP Package <input type="checkbox"/> CT RCP DQA/DUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <u>MP2-10 only</u> NJDEP Red. Deliv. <input type="checkbox"/> Electronic Data Deliverables (EDD) <input checked="" type="checkbox"/> Simple Excel <input checked="" type="checkbox"/> NYSDEC EQUIS <input type="checkbox"/> EQUIS (std) <input type="checkbox"/> EZ-EDD (EQUIS) <input type="checkbox"/> NJDEP SRP HazSite EDD <input type="checkbox"/> GIS/KEY (std) <input type="checkbox"/> Other _____ York Regulatory Comparison <input type="checkbox"/> Excel Spreadsheet <input type="checkbox"/> Compare to the following Regs. (please fill in): _____			
Purchase Order No. <u>NAS 54</u>		Semi-Vols. 8270 or 625 STARS list 8082 PCB STARS list 8081 Pest STARS list 815 Herb STARS list CT RCP Acids Only PAH list App. IX TAGM list Site Spec. SFLP or TCLP list TCLP list NJDEP list App. IX TCLP BNA SFLP or TCLP 608 PCB		Volatiles TICs Site Spec. Nassau Co. Suffolk Co. Ketones Oxygenates TCLP list TAGM list CT RCP list Arom. only Halog. only App. IX list SFLP or TCLP 802 LB list		Metals RCRA8 PP13 list TAL CT15 list TAGM list NJDEP list Total Dissolved SFLP or TCLP Ind. Metals LIST Below		Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		Full Lists Pri. Poll. TCL Organics TAL MechCN Full TCLP Full App. IX Part 360 Routine Part 360 Baseline Part 360 Equivalents Part 360 Equivalents NYDEP Sewer NYDEP Sewer TAGM Silica		Choose Analyses Needed from the Menu Above and Enter Below Fe by EPA 200.7, PE dissolved by EPA 600/102, by EPA 600.1 plus free H ₂ S PE by 200.7, PE dissolved by 6010 vocs by EPA 820 plus free H ₂ S TDS	
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Sample Matrix GW 		Date Sampled 8/15/12 12:29 8/15/12 12:35 8/15/12 12:41		Date Sampled 8/15/12 12:29 8/15/12 12:35 8/15/12 12:41		Container Description(s) 2V, 2P ↓ 2V, 3P					

Comments Preservation <input type="checkbox"/> Check those Applicable Special Instructions <input type="checkbox"/> Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>		4°C _____ Frozen _____ HCl _____ ZnAc _____ MeOH _____ Ascorbic Acid _____ HNO ₃ _____ H ₂ SO ₄ _____ NaOH _____ Other _____		Samples Relinquished By <u>TR</u> Date/Time <u>8/16/12 15:09</u> Samples Received By <u>TC Hall</u> Date/Time <u>8/16/12 15:09</u> Samples Relinquished By _____ Date/Time _____ Samples Received in LAB by _____ Date/Time _____		Temperature on Receipt <u>4.6</u> °C	
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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: 08/31/2012

Client Project ID: Rowe Industries

York Project (SDG) No.: 12H0846

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 08/31/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0846

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

Purpose and Results

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

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12H0846-01	WQ82112:1100NP2-6	Water	08/21/2012	08/24/2012
12H0846-02	WQ82112:1105NP2-7	Water	08/21/2012	08/24/2012
12H0847-01	WQ82112:1110NP2-10	Water	08/21/2012	08/24/2012

General Notes for York Project (SDG) No.: 12H0846

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

Approved By:



Robert Q. Bradley
Executive Vice President / Laboratory Director

Date: 08/31/2012

YORK

Sample Information

Client Sample ID: WQ82112:1100NP2-6

York Sample ID: 12H0846-01

York Project (SDG) No.
12H0846

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 11:00 am

Date Received
08/24/2012

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	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
71-55-6	1,1,1-Trichloroethane	0.62		ug/L	0.024	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
75-34-3	1,1-Dichloroethane	0.29	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS

Sample Information

Client Sample ID: WQ82112:1100NP2-6

York Sample ID: 12H0846-01

York Project (SDG) No.
12H0846

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 11:00 am

Date Received
08/24/2012

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
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
67-66-3	Chloroform	0.15	J	ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
91-20-3	Naphthalene	0.26	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
127-18-4	Tetrachloroethylene	1.1		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
79-01-6	Trichloroethylene	0.11	J	ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %
460-00-4	Surrogate: p-Bromofluorobenzene	94.6 %
2037-26-5	Surrogate: Toluene-d8	98.7 %

72.6-129
63.5-145
81.2-127

Sample Information

Client Sample ID: WQ82112:1100NP2-6

York Sample ID: 12H0846-01

York Project (SDG) No.
12H0846

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 11:00 am

Date Received
08/24/2012

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	0.122		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/27/2012 15:58	08/27/2012 17:59	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	1.67		mg/L	0.0100	0.0100	1	EPA 200.7	08/27/2012 15:58	08/27/2012 18:04	MW

Sample Information

Client Sample ID: WQ82112:1105NP2-7

York Sample ID: 12H0846-02

York Project (SDG) No.
12H0846

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
08/24/2012

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	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS

Sample Information

Client Sample ID: WQ82112:1105NP2-7

York Sample ID: 12H0846-02

York Project (SDG) No.
12H0846

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
08/24/2012

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
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
91-20-3	Naphthalene	0.29	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS

Sample Information

Client Sample ID: WQ82112:1105NP2-7

York Sample ID: 12H0846-02

York Project (SDG) No.
12H0846

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
08/24/2012

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
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.1 %	72.6-129
460-00-4	Surrogate: p-Bromofluorobenzene	94.6 %	63.5-145
2037-26-5	Surrogate: Toluene-d8	101 %	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	0.202		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/27/2012 15:58	08/27/2012 18:08	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	85.7		mg/L	0.0100	0.0100	1	EPA 200.7	08/27/2012 15:58	08/27/2012 18:13	MW

Sample Information

Client Sample ID: WQ82112:1110NP2-10

York Sample ID: 12H0847-01

York Project (SDG) No.
12H0847

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
08/24/2012

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	0.071	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS

Sample Information

Client Sample ID: WQ82112:1110NP2-10

York Sample ID: 12H0847-01

York Project (SDG) No.
12H0847

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
08/24/2012

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
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS

Sample Information

Client Sample ID: WQ82112:1110NP2-10

York Sample ID: 12H0847-01

York Project (SDG) No.
12H0847

Client Project ID
Rowe Industries

Matrix
Water

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

Date Received
08/24/2012

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
91-20-3	Naphthalene	0.13	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	114 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	95.3 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	102 %			81.2-127						

Sample Information

Client Sample ID: WQ82112:1110NP2-10	York Sample ID: 12H0847-01			
<u>York Project (SDG) No.</u> 12H0847	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 21, 2012 11:10 am	<u>Date Received</u> 08/24/2012

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	0.0111		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/27/2012 15:58	08/27/2012 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	4.76		mg/L	0.0100	0.0100	1	EPA 200.7	08/27/2012 15:58	08/27/2012 18:23	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	137		mg/L	1.00	1.00	1	SM 2540C	08/28/2012 09:31	08/28/2012 09:31	ALD

Analytical Batch Summary

Batch ID: BH21105 **Preparation Method:** EPA 5030B **Prepared By:** VRL

YORK Sample ID	Client Sample ID	Preparation Date
12H0846-01	WQ82112:1100NP2-6	08/27/12
12H0846-02	WQ82112:1105NP2-7	08/27/12
BH21105-BLK1	Blank	08/27/12
BH21105-BS1	LCS	08/27/12
BH21105-BSD1	LCS Dup	08/27/12

Batch ID: BH21120 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12H0847-01	WQ82112:1110NP2-10	08/28/12
BH21120-BLK1	Blank	08/28/12
BH21120-DUP1	Duplicate	08/28/12

Batch ID: BH21130 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12H0846-01	WQ82112:1100NP2-6	08/27/12
12H0846-01	WQ82112:1100NP2-6	08/27/12
12H0846-02	WQ82112:1105NP2-7	08/27/12
12H0846-02	WQ82112:1105NP2-7	08/27/12
12H0847-01	WQ82112:1110NP2-10	08/27/12
12H0847-01	WQ82112:1110NP2-10	08/27/12
BH21130-BLK1	Blank	08/27/12
BH21130-BLK1	Blank	08/27/12
BH21130-SRM1	Reference	08/27/12
BH21130-SRM1	Reference	08/27/12

Batch ID: BH21138 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0847-01	WQ82112:1110NP2-10	08/27/12
BH21138-BLK1	Blank	08/27/12
BH21138-BS1	LCS	08/27/12
BH21138-BSD1	LCS Dup	08/27/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH21105 - EPA 5030B

Blank (BH21105-BLK1)

Prepared & Analyzed: 08/27/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	1.6	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.92	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	1.7	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	3.3	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	0.56	2.0	"								
Naphthalene	11	2.0	"								
n-Butylbenzene	0.58	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21105 - EPA 5030B											
Blank (BH21105-BLK1)											
											Prepared & Analyzed: 08/27/2012
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<hr/>											
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>81.2-127</i>				
<hr/>											
LCS (BH21105-BS1)											
											Prepared & Analyzed: 08/27/2012
1,1,1,2-Tetrachloroethane	9.04		ug/L	10.0		90.4	82.3-130				
1,1,1-Trichloroethane	9.59		"	10.0		95.9	75.6-137				
1,1,2,2-Tetrachloroethane	9.23		"	10.0		92.3	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.81		"	10.0		88.1	71.1-129				
1,1,2-Trichloroethane	8.94		"	10.0		89.4	74.5-129				
1,1-Dichloroethane	9.64		"	10.0		96.4	79.6-132				
1,1-Dichloroethylene	9.91		"	10.0		99.1	80.2-146				
1,1-Dichloropropylene	6.42		"	10.0		64.2	75-136	Low Bias			
1,2,3-Trichlorobenzene	9.20		"	10.0		92.0	66.1-136				
1,2,3-Trichloropropane	8.90		"	10.0		89.0	63-131				
1,2,4-Trichlorobenzene	8.49		"	10.0		84.9	70.6-136				
1,2,4-Trimethylbenzene	6.94		"	10.0		69.4	75.3-135	Low Bias			
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	58.9-140				
1,2-Dibromoethane	9.27		"	10.0		92.7	79-130				
1,2-Dichlorobenzene	8.58		"	10.0		85.8	76.1-122				
1,2-Dichloroethane	9.41		"	10.0		94.1	74.6-132				
1,2-Dichloropropane	8.94		"	10.0		89.4	76.9-129				
1,3,5-Trimethylbenzene	7.96		"	10.0		79.6	70.6-127				
1,3-Dichlorobenzene	8.22		"	10.0		82.2	77-124				
1,3-Dichloropropane	9.01		"	10.0		90.1	75.8-126				
1,4-Dichlorobenzene	8.51		"	10.0		85.1	76.6-125				
2,2-Dichloropropane	9.26		"	10.0		92.6	69-133				
2-Chlorotoluene	10.6		"	10.0		106	66.3-119				
2-Hexanone	11.4		"	10.0		114	70-130				
4-Chlorotoluene	8.67		"	10.0		86.7	69.2-127				
Acetone	11.4		"	10.0		114	70-130				
Benzene	9.26		"	10.0		92.6	76.2-129				
Bromobenzene	8.22		"	10.0		82.2	71.3-123				
Bromochloromethane	9.34		"	10.0		93.4	70.8-137				
Bromodichloromethane	9.62		"	10.0		96.2	79.7-134				
Bromoform	10.4		"	10.0		104	70.5-141				
Bromomethane	7.89		"	10.0		78.9	43.9-147				
Carbon tetrachloride	7.42		"	10.0		74.2	78.1-138	Low Bias			
Chlorobenzene	8.68		"	10.0		86.8	80.4-125				
Chloroethane	8.70		"	10.0		87.0	55.8-140				
Chloroform	9.24		"	10.0		92.4	76.6-133				
Chloromethane	9.02		"	10.0		90.2	48.8-115				
cis-1,2-Dichloroethylene	9.63		"	10.0		96.3	75.1-128				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	74.5-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21105 - EPA 5030B										
LCS (BH21105-BS1)										
Prepared & Analyzed: 08/27/2012										
Dibromochloromethane	9.26		ug/L	10.0		92.6 79.8-134				
Dibromomethane	9.58		"	10.0		95.8 79-130				
Dichlorodifluoromethane	9.34		"	10.0		93.4 47.1-101				
Ethyl Benzene	13.9		"	10.0		139 80.8-128	High Bias			
Hexachlorobutadiene	8.11		"	10.0		81.1 64.8-128				
Isopropylbenzene	9.33		"	10.0		93.3 75.5-135				
Methyl tert-butyl ether (MTBE)	8.30		"	10.0		83.0 65.1-140				
Methylene chloride	9.16		"	10.0		91.6 61.3-120				
Naphthalene	14.1		"	10.0		141 62.3-148				
n-Butylbenzene	8.95		"	10.0		89.5 67.2-123				
n-Propylbenzene	8.71		"	10.0		87.1 70.5-127				
o-Xylene	8.56		"	10.0		85.6 75.9-122				
p- & m- Xylenes	17.4		"	20.0		87.2 77.7-127				
p-Isopropyltoluene	8.73		"	10.0		87.3 75.6-129				
sec-Butylbenzene	8.48		"	10.0		84.8 71.5-125				
Styrene	5.91		"	10.0		59.1 77.8-123	Low Bias			
tert-Butylbenzene	9.47		"	10.0		94.7 75.9-151				
Tetrachloroethylene	8.52		"	10.0		85.2 63.6-167				
Toluene	9.11		"	10.0		91.1 77-123				
trans-1,2-Dichloroethylene	9.34		"	10.0		93.4 76.3-139				
trans-1,3-Dichloropropylene	9.51		"	10.0		95.1 72.5-137				
Trichloroethylene	9.18		"	10.0		91.8 77.9-130				
Trichlorofluoromethane	8.99		"	10.0		89.9 57.4-133				
Vinyl Chloride	9.19		"	10.0		91.9 54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102 72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101 63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103 81.2-127</i>				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21105 - EPA 5030B											
LCS Dup (BH21105-BSD1)											
Prepared & Analyzed: 08/27/2012											
1,1,1,2-Tetrachloroethane	8.90		ug/L	10.0		89.0	82.3-130		1.56	21.1	
1,1,1-Trichloroethane	9.31		"	10.0		93.1	75.6-137		2.96	19.7	
1,1,2,2-Tetrachloroethane	9.09		"	10.0		90.9	71.3-131		1.53	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.57		"	10.0		85.7	71.1-129		2.76	21.7	
1,1,2-Trichloroethane	8.54		"	10.0		85.4	74.5-129		4.58	20.3	
1,1-Dichloroethane	9.33		"	10.0		93.3	79.6-132		3.27	20.6	
1,1-Dichloroethylene	10.0		"	10.0		100	80.2-146		1.40	20	
1,1-Dichloropropylene	7.96		"	10.0		79.6	75-136		21.4	19.3	Non-dir.
1,2,3-Trichlorobenzene	9.62		"	10.0		96.2	66.1-136		4.46	21.6	
1,2,3-Trichloropropane	8.47		"	10.0		84.7	63-131		4.95	23.9	
1,2,4-Trichlorobenzene	8.81		"	10.0		88.1	70.6-136		3.70	21.7	
1,2,4-Trimethylbenzene	8.41		"	10.0		84.1	75.3-135		19.2	18.8	Non-dir.
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	58.9-140		2.13	27.7	
1,2-Dibromoethane	9.32		"	10.0		93.2	79-130		0.538	23	
1,2-Dichlorobenzene	8.62		"	10.0		86.2	76.1-122		0.465	19.8	
1,2-Dichloroethane	9.34		"	10.0		93.4	74.6-132		0.747	20.2	
1,2-Dichloropropane	8.73		"	10.0		87.3	76.9-129		2.38	20.7	
1,3,5-Trimethylbenzene	8.52		"	10.0		85.2	70.6-127		6.80	18.9	
1,3-Dichlorobenzene	8.33		"	10.0		83.3	77-124		1.33	19.2	
1,3-Dichloropropane	8.90		"	10.0		89.0	75.8-126		1.23	22.1	
1,4-Dichlorobenzene	8.34		"	10.0		83.4	76.6-125		2.02	18.6	
2,2-Dichloropropane	9.08		"	10.0		90.8	69-133		1.96	19.8	
2-Chlorotoluene	8.22		"	10.0		82.2	66.3-119		25.6	21.6	Non-dir.
2-Hexanone	10.4		"	10.0		104	70-130		8.90	30	
4-Chlorotoluene	8.56		"	10.0		85.6	69.2-127		1.28	19	
Acetone	11.4		"	10.0		114	70-130		0.263	30	
Benzene	9.02		"	10.0		90.2	76.2-129		2.63	19	
Bromobenzene	8.39		"	10.0		83.9	71.3-123		2.05	20.3	
Bromochloromethane	9.24		"	10.0		92.4	70.8-137		1.08	23.9	
Bromodichloromethane	9.36		"	10.0		93.6	79.7-134		2.74	21	
Bromoform	9.42		"	10.0		94.2	70.5-141		9.50	21.8	
Bromomethane	8.08		"	10.0		80.8	43.9-147		2.38	28.4	
Carbon tetrachloride	8.64		"	10.0		86.4	78.1-138		15.2	20.1	
Chlorobenzene	8.51		"	10.0		85.1	80.4-125		1.98	19.9	
Chloroethane	8.73		"	10.0		87.3	55.8-140		0.344	23.3	
Chloroform	9.08		"	10.0		90.8	76.6-133		1.75	20.3	
Chloromethane	9.26		"	10.0		92.6	48.8-115		2.63	24.5	
cis-1,2-Dichloroethylene	9.14		"	10.0		91.4	75.1-128		5.22	20.5	
cis-1,3-Dichloropropylene	9.60		"	10.0		96.0	74.5-128		7.13	19.9	
Dibromochloromethane	8.86		"	10.0		88.6	79.8-134		4.42	21.3	
Dibromomethane	9.49		"	10.0		94.9	79-130		0.944	22.4	
Dichlorodifluoromethane	9.20		"	10.0		92.0	47.1-101		1.51	23.9	
Ethyl Benzene	9.02		"	10.0		90.2	80.8-128		42.9	19.2	Non-dir.
Hexachlorobutadiene	8.40		"	10.0		84.0	64.8-128		3.51	20.6	
Isopropylbenzene	9.39		"	10.0		93.9	75.5-135		0.641	20	
Methyl tert-butyl ether (MTBE)	8.94		"	10.0		89.4	65.1-140		7.42	23.6	
Methylene chloride	9.16		"	10.0		91.6	61.3-120		0.00	20.4	
Naphthalene	14.9		"	10.0		149	62.3-148	High Bias	5.73	27.1	
n-Butylbenzene	9.01		"	10.0		90.1	67.2-123		0.668	19.1	
n-Propylbenzene	8.70		"	10.0		87.0	70.5-127		0.115	23.4	
o-Xylene	8.62		"	10.0		86.2	75.9-122		0.698	19.3	
p- & m- Xylenes	17.5		"	20.0		87.7	77.7-127		0.514	18.6	
p-Isopropyltoluene	8.88		"	10.0		88.8	75.6-129		1.70	19.1	
sec-Butylbenzene	8.60		"	10.0		86.0	71.5-125		1.41	18.9	

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

York Analytical Laboratories, Inc.

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

Batch BH21105 - EPA 5030B

LCS Dup (BH21105-BSD1)

Prepared & Analyzed: 08/27/2012

Styrene	8.27		ug/L	10.0		82.7	77.8-123		33.3	20.9	Non-dir.
tert-Butylbenzene	9.33		"	10.0		93.3	75.9-151		1.49	20.9	
Tetrachloroethylene	8.16		"	10.0		81.6	63.6-167		4.32	27.7	
Toluene	8.90		"	10.0		89.0	77-123		2.33	18.7	
trans-1,2-Dichloroethylene	9.66		"	10.0		96.6	76.3-139		3.37	19.5	
trans-1,3-Dichloropropylene	9.18		"	10.0		91.8	72.5-137		3.53	19.3	
Trichloroethylene	8.91		"	10.0		89.1	77.9-130		2.99	20.5	
Trichlorofluoromethane	8.94		"	10.0		89.4	57.4-133		0.558	21.4	
Vinyl Chloride	8.98		"	10.0		89.8	54.9-124		2.31	22.3	

Surrogate: 1,2-Dichloroethane-d4

10.1

"

10.0

101

72.6-129

Surrogate: p-Bromofluorobenzene

9.95

"

10.0

99.5

63.5-145

Surrogate: Toluene-d8

10.2

"

10.0

102

81.2-127

Batch BH21138 - EPA 5030B

Blank (BH21138-BLK1)

Prepared: 08/27/2012 Analyzed: 08/28/2012

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	9.8	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH21138 - EPA 5030B

Blank (BH21138-BLK1)

Prepared: 08/27/2012 Analyzed: 08/28/2012

cis-1,3-Dichloropropylene	ND	0.50	ug/L								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	0.54	2.0	"								
Naphthalene	1.6	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	"								
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Surrogate: 1,2-Dichloroethane-d4	10.4		"	10.0		104	72.6-129				
Surrogate: p-Bromofluorobenzene	9.42		"	10.0		94.2	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 Limits	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21138 - EPA 5030B											
LCS (BH21138-BS1)											
											Prepared & Analyzed: 08/27/2012
1,1,1,2-Tetrachloroethane	8.86		ug/L	10.0		88.6	82.3-130				
1,1,1-Trichloroethane	9.76		"	10.0		97.6	75.6-137				
1,1,2,2-Tetrachloroethane	8.82		"	10.0		88.2	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.98		"	10.0		99.8	71.1-129				
1,1,2-Trichloroethane	9.02		"	10.0		90.2	74.5-129				
1,1-Dichloroethane	10.0		"	10.0		100	79.6-132				
1,1-Dichloroethylene	10.3		"	10.0		103	80.2-146				
1,1-Dichloropropylene	9.05		"	10.0		90.5	75-136				
1,2,3-Trichlorobenzene	10.2		"	10.0		102	66.1-136				
1,2,3-Trichloropropane	8.70		"	10.0		87.0	63-131				
1,2,4-Trichlorobenzene	8.94		"	10.0		89.4	70.6-136				
1,2,4-Trimethylbenzene	8.16		"	10.0		81.6	75.3-135				
1,2-Dibromo-3-chloropropane	8.88		"	10.0		88.8	58.9-140				
1,2-Dibromoethane	9.45		"	10.0		94.5	79-130				
1,2-Dichlorobenzene	8.07		"	10.0		80.7	76.1-122				
1,2-Dichloroethane	10.2		"	10.0		102	74.6-132				
1,2-Dichloropropane	9.12		"	10.0		91.2	76.9-129				
1,3,5-Trimethylbenzene	7.44		"	10.0		74.4	70.6-127				
1,3-Dichlorobenzene	7.61		"	10.0		76.1	77-124	Low Bias			
1,3-Dichloropropane	9.62		"	10.0		96.2	75.8-126				
1,4-Dichlorobenzene	7.90		"	10.0		79.0	76.6-125				
2,2-Dichloropropane	12.2		"	10.0		122	69-133				
2-Chlorotoluene	8.10		"	10.0		81.0	66.3-119				
2-Hexanone	10.9		"	10.0		109	70-130				
4-Chlorotoluene	8.01		"	10.0		80.1	69.2-127				
Acetone	14.6		"	10.0		146	70-130	High Bias			
Benzene	9.27		"	10.0		92.7	76.2-129				
Bromobenzene	8.40		"	10.0		84.0	71.3-123				
Bromochloromethane	10.2		"	10.0		102	70.8-137				
Bromodichloromethane	9.54		"	10.0		95.4	79.7-134				
Bromoform	9.12		"	10.0		91.2	70.5-141				
Bromomethane	8.06		"	10.0		80.6	43.9-147				
Carbon tetrachloride	9.67		"	10.0		96.7	78.1-138				
Chlorobenzene	8.69		"	10.0		86.9	80.4-125				
Chloroethane	8.72		"	10.0		87.2	55.8-140				
Chloroform	9.72		"	10.0		97.2	76.6-133				
Chloromethane	10.8		"	10.0		108	48.8-115				
cis-1,2-Dichloroethylene	9.68		"	10.0		96.8	75.1-128				
cis-1,3-Dichloropropylene	9.92		"	10.0		99.2	74.5-128				
Dibromochloromethane	9.42		"	10.0		94.2	79.8-134				
Dibromomethane	10.2		"	10.0		102	79-130				
Dichlorodifluoromethane	10.0		"	10.0		100	47.1-101				
Ethyl Benzene	8.81		"	10.0		88.1	80.8-128				
Hexachlorobutadiene	7.81		"	10.0		78.1	64.8-128				
Isopropylbenzene	8.36		"	10.0		83.6	75.5-135				
Methyl tert-butyl ether (MTBE)	7.85		"	10.0		78.5	65.1-140				
Methylene chloride	9.94		"	10.0		99.4	61.3-120				
Naphthalene	12.4		"	10.0		124	62.3-148				
n-Butylbenzene	8.23		"	10.0		82.3	67.2-123				
n-Propylbenzene	7.89		"	10.0		78.9	70.5-127				
o-Xylene	8.65		"	10.0		86.5	75.9-122				
p- & m- Xylenes	17.5		"	20.0		87.4	77.7-127				
p-Isopropyltoluene	7.85		"	10.0		78.5	75.6-129				
sec-Butylbenzene	7.64		"	10.0		76.4	71.5-125				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21138 - EPA 5030B										
LCS (BH21138-BS1)										
Prepared & Analyzed: 08/27/2012										
Styrene	8.42		ug/L	10.0		84.2				
tert-Butylbenzene	8.92		"	10.0		89.2				
Tetrachloroethylene	8.08		"	10.0		80.8				
Toluene	8.70		"	10.0		87.0				
trans-1,2-Dichloroethylene	9.86		"	10.0		98.6				
trans-1,3-Dichloropropylene	9.81		"	10.0		98.1				
Trichloroethylene	8.86		"	10.0		88.6				
Trichlorofluoromethane	9.29		"	10.0		92.9				
Vinyl Chloride	9.38		"	10.0		93.8				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.9</i>		<i>"</i>	<i>10.0</i>		<i>109</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.30</i>		<i>"</i>	<i>10.0</i>		<i>93.0</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.91</i>		<i>"</i>	<i>10.0</i>		<i>99.1</i>				
LCS Dup (BH21138-BSD1)										
Prepared: 08/27/2012 Analyzed: 08/28/2012										
1,1,1,2-Tetrachloroethane	9.07		ug/L	10.0		90.7		2.34	21.1	
1,1,1-Trichloroethane	9.57		"	10.0		95.7		1.97	19.7	
1,1,2,2-Tetrachloroethane	9.19		"	10.0		91.9		4.11	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100		0.400	21.7	
1,1,2-Trichloroethane	9.49		"	10.0		94.9		5.08	20.3	
1,1-Dichloroethane	9.93		"	10.0		99.3		0.702	20.6	
1,1-Dichloroethylene	10.3		"	10.0		103		0.486	20	
1,1-Dichloropropylene	9.00		"	10.0		90.0		0.554	19.3	
1,2,3-Trichlorobenzene	10.8		"	10.0		108		5.32	21.6	
1,2,3-Trichloropropane	8.18		"	10.0		81.8		6.16	23.9	
1,2,4-Trichlorobenzene	9.49		"	10.0		94.9		5.97	21.7	
1,2,4-Trimethylbenzene	7.92		"	10.0		79.2		2.99	18.8	
1,2-Dibromo-3-chloropropane	9.24		"	10.0		92.4		3.97	27.7	
1,2-Dibromoethane	9.68		"	10.0		96.8		2.40	23	
1,2-Dichlorobenzene	8.10		"	10.0		81.0		0.371	19.8	
1,2-Dichloroethane	10.2		"	10.0		102		0.0983	20.2	
1,2-Dichloropropane	9.27		"	10.0		92.7		1.63	20.7	
1,3,5-Trimethylbenzene	7.15		"	10.0		71.5		3.98	18.9	
1,3-Dichlorobenzene	7.50		"	10.0		75.0	Low Bias	1.46	19.2	
1,3-Dichloropropane	9.57		"	10.0		95.7		0.521	22.1	
1,4-Dichlorobenzene	7.65		"	10.0		76.5	Low Bias	3.22	18.6	
2,2-Dichloropropane	11.3		"	10.0		113		7.51	19.8	
2-Chlorotoluene	7.69		"	10.0		76.9		5.19	21.6	
2-Hexanone	9.78		"	10.0		97.8		10.9	30	
4-Chlorotoluene	7.62		"	10.0		76.2		4.99	19	
Acetone	14.2		"	10.0		142	High Bias	2.91	30	
Benzene	9.36		"	10.0		93.6		0.966	19	
Bromobenzene	8.14		"	10.0		81.4		3.14	20.3	
Bromochloromethane	10.3		"	10.0		103		1.27	23.9	
Bromodichloromethane	9.53		"	10.0		95.3		0.105	21	
Bromoform	9.87		"	10.0		98.7		7.90	21.8	
Bromomethane	8.96		"	10.0		89.6		10.6	28.4	
Carbon tetrachloride	9.37		"	10.0		93.7		3.15	20.1	
Chlorobenzene	8.57		"	10.0		85.7		1.39	19.9	
Chloroethane	8.76		"	10.0		87.6		0.458	23.3	
Chloroform	9.58		"	10.0		95.8		1.45	20.3	
Chloromethane	10.5		"	10.0		105		3.29	24.5	
cis-1,2-Dichloroethylene	9.61		"	10.0		96.1		0.726	20.5	
cis-1,3-Dichloropropylene	10.0		"	10.0		100		1.20	19.9	
Dibromochloromethane	9.78		"	10.0		97.8		3.75	21.3	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21138 - EPA 5030B										
LCS Dup (BH21138-BSD1)										
						Prepared: 08/27/2012 Analyzed: 08/28/2012				
Dibromomethane	10.2		ug/L	10.0		102 79-130		0.687	22.4	
Dichlorodifluoromethane	9.80		"	10.0		98.0 47.1-101		2.52	23.9	
Ethyl Benzene	8.66		"	10.0		86.6 80.8-128		1.72	19.2	
Hexachlorobutadiene	8.05		"	10.0		80.5 64.8-128		3.03	20.6	
Isopropylbenzene	7.96		"	10.0		79.6 75.5-135		4.90	20	
Methyl tert-butyl ether (MTBE)	8.58		"	10.0		85.8 65.1-140		8.89	23.6	
Methylene chloride	10.2		"	10.0		102 61.3-120		2.97	20.4	
Naphthalene	13.1		"	10.0		131 62.3-148		5.43	27.1	
n-Butylbenzene	7.93		"	10.0		79.3 67.2-123		3.71	19.1	
n-Propylbenzene	7.42		"	10.0		74.2 70.5-127		6.14	23.4	
o-Xylene	8.57		"	10.0		85.7 75.9-122		0.929	19.3	
p- & m- Xylenes	17.3		"	20.0		86.7 77.7-127		0.804	18.6	
p-Isopropyltoluene	7.50		"	10.0		75.0 75.6-129	Low Bias	4.56	19.1	
sec-Butylbenzene	7.37		"	10.0		73.7 71.5-125		3.60	18.9	
Styrene	8.55		"	10.0		85.5 77.8-123		1.53	20.9	
tert-Butylbenzene	8.66		"	10.0		86.6 75.9-151		2.96	20.9	
Tetrachloroethylene	7.91		"	10.0		79.1 63.6-167		2.13	27.7	
Toluene	8.65		"	10.0		86.5 77-123		0.576	18.7	
trans-1,2-Dichloroethylene	9.76		"	10.0		97.6 76.3-139		1.02	19.5	
trans-1,3-Dichloropropylene	9.74		"	10.0		97.4 72.5-137		0.716	19.3	
Trichloroethylene	8.65		"	10.0		86.5 77.9-130		2.40	20.5	
Trichlorofluoromethane	9.47		"	10.0		94.7 57.4-133		1.92	21.4	
Vinyl Chloride	9.19		"	10.0		91.9 54.9-124		2.05	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.4</i>		<i>"</i>	<i>10.0</i>		<i>114 72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.29</i>		<i>"</i>	<i>10.0</i>		<i>92.9 63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.94</i>		<i>"</i>	<i>10.0</i>		<i>99.4 81.2-127</i>				

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ANALYTICAL LABORATORIES, INC.

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 BH21130 - EPA 3010A											
Blank (BH21130-BLK1)											
								Prepared & Analyzed: 08/27/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Reference (BH21130-SRM1)											
								Prepared & Analyzed: 08/27/2012			
Iron - Dissolved	0.260	0.0100	mg/L	0.274		94.8	86.9-115				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21130 - EPA 3010A										
Blank (BH21130-BLK1)							Prepared & Analyzed: 08/27/2012			
Iron	ND	0.0100	mg/L							
Reference (BH21130-SRM1)							Prepared & Analyzed: 08/27/2012			
Iron	0.260	0.0100	mg/L	0.274		94.8		86.9-115		

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21120 - % Solids Prep										
Blank (BH21120-BLK1)							Prepared & Analyzed: 08/28/2012			
Total Dissolved Solids	ND	1.00	mg/L							
Duplicate (BH21120-DUP1)							Prepared & Analyzed: 08/28/2012			
*Source sample: 12H0847-01 (WQ82112:1110NP2-10)										
Total Dissolved Solids	140	1.00	mg/L		137			2.17	15	

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

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

Field Chain-of-Custody Record

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

York Project No. 12 H 0 8 4 6

YOUR Information Company: <u>LB6</u> Address: <u>4 Research Dr. Suite 301</u> <u>Shelton, CT 06484</u> Phone No. <u>203-929-8555</u> Contact Person: <u>Junde Sander</u> E-Mail Address: <u>JSandor@LB6T.com</u>		Report To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR Project ID <u>Rawe Industries</u> Purchase Order No. <u>NAB5A6</u>		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report <u>X</u> pdf Summary w/ QA Summary <u>X</u> pdf CT RCP Package CT RCP DQ/DUE Pkg NY ASP A Package NY ASP B Package <u>N2-100 only</u> pdf NJ DEP Red. Deliv. Electronic Data Deliverables (EDD)	
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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 MAAT
Name (printed): STEPHEN MAAT

Matrix Codes	Volatiles	Semivolatile	Metals	Misc. Org	Full Lists	Misc.
S - soil Other - specify (oil, etc) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor	8260 full 624 STARS list Nassau Co. BTEX Sulfon Co. Ketones TCL list Oxygenates TAGM list CT RCP list 524.2 Aro. only Halog. only App. IX list 8021B list	8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NIDEP list App. IX SPL or TCLP 608 PCB	RCAE PP13 list TAL CT RCP App. IX Site Spec. SPL or TCLP TCLP Herb Chloridane 608 Pest SPL or TCLP	TPH CRO TPH DRO CT BPH NY 310-13 TPH 1664 Air TO15 Air STARS Air VPH Air TICs Methane Heliogen	Pri. Pol. TCL Ognates TAL-MeCN Full TCLP Full App IX Part 360-Routine Part 360-Backlog Part 360-Subacute Part 360-Subchronic NYDEP Heavy NYDEP Heavy TAGM	Corrosivity Reactivity Ignitability Flash Point Steam Anal. Hexachlorob. TOX BTU/Wh. Aquatic Tox. NYDEP Heavy TOC Asbestos

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Descriptions(s)
NAB2112-1100M2-6	8/24/12 1100	GW	Fe by EPA 200.7/Fe, Dissolved by EPA 8010 (SW 846-6100) / PCBs, P-260 list (EPA SW 846-8260b) plus from 113	2V 2P
NAB2112-1105M2-7	8/24/12 1105	GW	Fe by EPA 200.7/Fe, Dissolved by EPA 8010 (SW 846-6100) / PCBs, P-260 list (EPA SW 846-8260b) plus from 113 / TDS (SH 2540c)	2V 2P
NAB2112-1100N2-10	8/24/12 1110	GW		2V 3P

Comments

Preservation: Check those Applicable
 Special: _____
 Instructions: Field Filtered Lab to Filter

Temperature on Receipt: 4.6 °C

Samples Relinquished By: [Signature] Date/Time: 8/24/12 12:50

Samples Received By: [Signature] Date/Time: 8/24/12-1430

Samples Relinquished By: _____ Date/Time: _____

Samples Received in LAB by: _____ Date/Time: _____

YORK

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

Field Chain-of-Custody Record

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

Page 1 of 1
York Project No. 12H0847

YOUR Information Company: <u>LB6</u> Address: <u>4 Research Dr. Suite 391</u> <u>Shelton, CT 06484</u> Phone No: <u>203-929-8555</u> Contact Person: <u>Tonde Sandor</u> E-Mail Address: <u>TSandor@LB6CT.com</u>		Report To: Company: <u>Same</u> Address: _____ Phone No: _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No: _____ Attention: _____ E-Mail Address: _____		YOUR Project ID Revue Industries Purchase Order No. <u>MAB5AG</u>		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report <u>X</u> pdf Summary w/ QA Summary <u>X</u> pdf CT RCP Package CTRCP DQADUE Pkg NY ASP A Package NY ASP B Package <u>N2-10 only</u> NJDEP Red. Deliv. Electronic Data Deliverables (EDD)			
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles 8260 full 624 STARS list BTEX MTBE TOL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		Sem. Vol. Pest. Contam. 8270 & 625 STARS list BN Only Acids Only PAH list TAGM list Site Spec. CT RCP list NIDEP list App. IX Chloroac. 608 Pest SFP or TOLP		Metals RCRA8 PP13 list TAL CT15 list TAGM list NIDEP list CT RCP list NIDEP list App. IX Chloroac. 608 Pest SFP or TOLP		Misc. Org. TPH GRO TPH DKO CT BTPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Medicine Heliox		Fail Lists Pri. Fail. TCL Ogans TAL-MedCo Full TCLP Full App. IX Pat. 309/Boehr Pat. 309/Boehr Pat. 309/Boehr Pat. 309/Boehr NYDEP Pest NYDEP Chem Address Silica		Misc. Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heteromorphs TOX BTU/lb. Aqueous Tox. TOC Address Silica	
Choose Analyses Needed from the Menu Above and Enter Below													
Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-8108) VEGs, R260 List (EPA SW 846-8108) plus from 113		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-8108) VEGs, R260 List (EPA SW 846-8108) plus from 113 / TDS (SH 2540c)		Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-8108) VEGs, R260 List (EPA SW 846-8108) plus from 113 / TDS (SH 2540c)									
Sample Identification N082112: 1100M2-6 N082112: 1105M2-7 N082112: 1100M2-10		Date Sampled 8/24/12 1100 8/24/12 1105 8/24/12 1100		Sample Matrix GW GW GW		Container Description(s) ZV 2P ZV 2P ZV 3P							
Comments Preservation: _____ Check these Applicable: _____ Special Instructions: _____ Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>													
4°C Frozen _____ HCl _____ MeOH _____ HNO ₃ _____ NaOH _____ Ascorbic Acid _____				Samples Relinquished By: _____ Date/Time: 8/24/12 12:50 Samples Received By: _____ Date/Time: 8/24/12-1430				Temperature on Receipt: 4.6 °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: 09/05/2012

Client Project ID: Rowe Industries

York Project (SDG) No.: 12H0951

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 09/05/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0951

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 28, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12H0951-01	WQ82712:1000NP2-10	Water	08/27/2012	08/28/2012
12H0952-01	WQ82712:950NP2-6	Water	08/27/2012	08/28/2012
12H0952-02	WQ82712:955NP2-7	Water	08/27/2012	08/28/2012

General Notes for York Project (SDG) No.: 12H0951

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: 09/05/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ82712:1000NP2-10

York Sample ID: 12H0951-01

York Project (SDG) No.
12H0951

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 10:00 am

Date Received
08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
120-82-1	1,2,4-Trichlorobenzene	0.11	J	ug/L	0.11	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS

Sample Information

Client Sample ID: WQ82712:1000NP2-10

York Sample ID: 12H0951-01

York Project (SDG) No.
12H0951

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 10:00 am

Date Received
08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
91-20-3	Naphthalene	0.26	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.2 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	95.1 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	105 %			81.2-127						

Sample Information

Client Sample ID: WQ82712:1000NP2-10

York Sample ID: 12H0951-01

York Project (SDG) No.
12H0951

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 10:00 am

Date Received
08/28/2012

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	0.0852		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/29/2012 16:02	08/29/2012 18:18	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.595		mg/L	0.0100	0.0100	1	EPA 200.7	08/29/2012 16:02	08/29/2012 18:35	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	104		mg/L	1.00	1.00	1	SM 2540C	08/30/2012 15:09	08/30/2012 15:09	ALD

Sample Information

Client Sample ID: WQ82712:950NP2-6

York Sample ID: 12H0952-01

York Project (SDG) No.
12H0952

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 9:50 am

Date Received
08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
71-55-6	1,1,1-Trichloroethane	0.81		ug/L	0.024	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
75-34-3	1,1-Dichloroethane	0.54		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS

Sample Information

Client Sample ID: WQ82712:950NP2-6

York Sample ID: 12H0952-01

York Project (SDG) No.
12H0952

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 9:50 am

Date Received
08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.051	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
67-66-3	Chloroform	0.26	J	ug/L	0.079	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
91-20-3	Naphthalene	0.17	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS

Sample Information

Client Sample ID: WQ82712:950NP2-6

York Sample ID: 12H0952-01

York Project (SDG) No.
12H0952

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 9:50 am

Date Received
08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
127-18-4	Tetrachloroethylene	0.95		ug/L	0.070	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
79-01-6	Trichloroethylene	0.13	J	ug/L	0.071	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	90.7 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	105 %			81.2-127						

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/29/2012 16:02	08/29/2012 19:05	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.815		mg/L	0.0100	0.0100	1	EPA 200.7	08/29/2012 16:02	08/29/2012 19:10	MW

Sample Information

Client Sample ID: WQ82712:955NP2-7

York Sample ID: 12H0952-02

York Project (SDG) No.
12H0952

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 9:55 am

Date Received
08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: WQ82712:955NP2-7

York Sample ID: 12H0952-02

York Project (SDG) No.
12H0952

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 9:55 am

Date Received
08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS

Sample Information

Client Sample ID: WQ82712:955NP2-7

York Sample ID: 12H0952-02

York Project (SDG) No.
12H0952

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 9:55 am

Date Received
08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %
460-00-4	Surrogate: p-Bromofluorobenzene	91.9 %
2037-26-5	Surrogate: Toluene-d8	103 %

72.6-129
63.5-145
81.2-127

Sample Information

Client Sample ID: WQ82712:955NP2-7

York Sample ID: 12H0952-02

York Project (SDG) No.
12H0952

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 9:55 am

Date Received
08/28/2012

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	0.0344		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/29/2012 16:02	08/29/2012 19:15	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.398		mg/L	0.0100	0.0100	1	EPA 200.7	08/29/2012 16:02	08/29/2012 19:19	MW

Analytical Batch Summary

Batch ID: BH21268 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12H0951-01	WQ82712:1000NP2-10	08/30/12
BH21268-BLK1	Blank	08/30/12
BH21268-DUP1	Duplicate	08/30/12

Batch ID: BH21272 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12H0951-01	WQ82712:1000NP2-10	08/29/12
12H0951-01	WQ82712:1000NP2-10	08/29/12
12H0952-01	WQ82712:950NP2-6	08/29/12
12H0952-01	WQ82712:950NP2-6	08/29/12
12H0952-02	WQ82712:955NP2-7	08/29/12
12H0952-02	WQ82712:955NP2-7	08/29/12
BH21272-BLK1	Blank	08/29/12
BH21272-BLK1	Blank	08/29/12
BH21272-DUP1	Duplicate	08/29/12
BH21272-DUP1	Duplicate	08/29/12
BH21272-MS1	Matrix Spike	08/29/12
BH21272-MS1	Matrix Spike	08/29/12
BH21272-SRM1	Reference	08/29/12
BH21272-SRM1	Reference	08/29/12

Batch ID: BH21383 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0951-01	WQ82712:1000NP2-10	08/31/12
12H0952-01	WQ82712:950NP2-6	08/31/12
12H0952-02	WQ82712:955NP2-7	08/31/12
BH21383-BLK1	Blank	08/31/12
BH21383-BS1	LCS	08/31/12
BH21383-BSD1	LCS Dup	08/31/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH21383 - EPA 5030B

Blank (BH21383-BLK1)

Prepared: 08/31/2012 Analyzed: 09/01/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.55	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	2.2	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	1.9	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH21383 - EPA 5030B

Blank (BH21383-BLK1)

Prepared: 08/31/2012 Analyzed: 09/01/2012

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

Surrogate: 1,2-Dichloroethane-d4

11.1

"

10.0

111

72.6-129

Surrogate: p-Bromofluorobenzene

9.03

"

10.0

90.3

63.5-145

Surrogate: Toluene-d8

10.2

"

10.0

102

81.2-127

LCS (BH21383-BS1)

Prepared: 08/31/2012 Analyzed: 09/01/2012

1,1,1,2-Tetrachloroethane	9.50		ug/L	10.0		95.0	82.3-130				
1,1,1-Trichloroethane	10.2		"	10.0		102	75.6-137				
1,1,2,2-Tetrachloroethane	9.67		"	10.0		96.7	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	71.1-129				
1,1,2-Trichloroethane	9.76		"	10.0		97.6	74.5-129				
1,1-Dichloroethane	12.6		"	10.0		126	79.6-132				
1,1-Dichloroethylene	10.9		"	10.0		109	80.2-146				
1,1-Dichloropropylene	9.63		"	10.0		96.3	75-136				
1,2,3-Trichlorobenzene	9.23		"	10.0		92.3	66.1-136				
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131				
1,2,4-Trichlorobenzene	8.85		"	10.0		88.5	70.6-136				
1,2,4-Trimethylbenzene	9.88		"	10.0		98.8	75.3-135				
1,2-Dibromo-3-chloropropane	12.1		"	10.0		121	58.9-140				
1,2-Dibromoethane	9.97		"	10.0		99.7	79-130				
1,2-Dichlorobenzene	9.56		"	10.0		95.6	76.1-122				
1,2-Dichloroethane	10.3		"	10.0		103	74.6-132				
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129				
1,3,5-Trimethylbenzene	9.79		"	10.0		97.9	70.6-127				
1,3-Dichlorobenzene	9.47		"	10.0		94.7	77-124				
1,3-Dichloropropane	10.3		"	10.0		103	75.8-126				
1,4-Dichlorobenzene	9.59		"	10.0		95.9	76.6-125				
2,2-Dichloropropane	8.64		"	10.0		86.4	69-133				
2-Chlorotoluene	9.25		"	10.0		92.5	66.3-119				
2-Hexanone	9.67		"	10.0		96.7	70-130				
4-Chlorotoluene	9.69		"	10.0		96.9	69.2-127				
Acetone	11.5		"	10.0		115	70-130				
Benzene	9.70		"	10.0		97.0	76.2-129				
Bromobenzene	9.87		"	10.0		98.7	71.3-123				
Bromochloromethane	10.3		"	10.0		103	70.8-137				
Bromodichloromethane	10.7		"	10.0		107	79.7-134				
Bromoform	9.77		"	10.0		97.7	70.5-141				
Bromomethane	9.32		"	10.0		93.2	43.9-147				
Carbon tetrachloride	10.2		"	10.0		102	78.1-138				
Chlorobenzene	9.69		"	10.0		96.9	80.4-125				
Chloroethane	8.38		"	10.0		83.8	55.8-140				
Chloroform	10.8		"	10.0		108	76.6-133				
Chloromethane	5.74		"	10.0		57.4	48.8-115				
cis-1,2-Dichloroethylene	9.97		"	10.0		99.7	75.1-128				
cis-1,3-Dichloropropylene	9.64		"	10.0		96.4	74.5-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21383 - EPA 5030B										
LCS (BH21383-BS1)										
Prepared: 08/31/2012 Analyzed: 09/01/2012										
Dibromochloromethane	10.4		ug/L	10.0		104 79.8-134				
Dibromomethane	9.86		"	10.0		98.6 79-130				
Dichlorodifluoromethane	3.76		"	10.0		37.6 47.1-101	Low Bias			
Ethyl Benzene	10.6		"	10.0		106 80.8-128				
Hexachlorobutadiene	8.95		"	10.0		89.5 64.8-128				
Isopropylbenzene	10.5		"	10.0		105 75.5-135				
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111 65.1-140				
Methylene chloride	8.72		"	10.0		87.2 61.3-120				
Naphthalene	10.1		"	10.0		101 62.3-148				
n-Butylbenzene	10.0		"	10.0		100 67.2-123				
n-Propylbenzene	10.1		"	10.0		101 70.5-127				
o-Xylene	9.97		"	10.0		99.7 75.9-122				
p- & m- Xylenes	20.7		"	20.0		103 77.7-127				
p-Isopropyltoluene	9.81		"	10.0		98.1 75.6-129				
sec-Butylbenzene	9.82		"	10.0		98.2 71.5-125				
Styrene	8.90		"	10.0		89.0 77.8-123				
tert-Butylbenzene	11.6		"	10.0		116 75.9-151				
Tetrachloroethylene	9.15		"	10.0		91.5 63.6-167				
Toluene	9.82		"	10.0		98.2 77-123				
trans-1,2-Dichloroethylene	10.6		"	10.0		106 76.3-139				
trans-1,3-Dichloropropylene	9.46		"	10.0		94.6 72.5-137				
Trichloroethylene	9.74		"	10.0		97.4 77.9-130				
Trichlorofluoromethane	9.75		"	10.0		97.5 57.4-133				
Vinyl Chloride	6.77		"	10.0		67.7 54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.3</i>		<i>"</i>	<i>10.0</i>		<i>113 72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.81</i>		<i>"</i>	<i>10.0</i>		<i>98.1 63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104 81.2-127</i>				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	Limit	Flag
Batch BH21383 - EPA 5030B										
LCS Dup (BH21383-BSD1)										
Prepared: 08/31/2012 Analyzed: 09/01/2012										
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110 82.3-130		14.6	21.1	
1,1,1-Trichloroethane	12.2		"	10.0		122 75.6-137		17.7	19.7	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106 71.3-131		9.46	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.7		"	10.0		127 71.1-129		19.2	21.7	
1,1,2-Trichloroethane	11.2		"	10.0		112 74.5-129		13.5	20.3	
1,1-Dichloroethane	14.6		"	10.0		146 79.6-132	High Bias	14.6	20.6	
1,1-Dichloroethylene	13.0		"	10.0		130 80.2-146		17.2	20	
1,1-Dichloropropylene	11.4		"	10.0		114 75-136		16.4	19.3	
1,2,3-Trichlorobenzene	10.5		"	10.0		105 66.1-136		13.1	21.6	
1,2,3-Trichloropropane	11.4		"	10.0		114 63-131		11.7	23.9	
1,2,4-Trichlorobenzene	9.79		"	10.0		97.9 70.6-136		10.1	21.7	
1,2,4-Trimethylbenzene	11.1		"	10.0		111 75.3-135		11.6	18.8	
1,2-Dibromo-3-chloropropane	15.1		"	10.0		151 58.9-140	High Bias	22.6	27.7	
1,2-Dibromoethane	11.1		"	10.0		111 79-130		10.6	23	
1,2-Dichlorobenzene	10.5		"	10.0		105 76.1-122		9.66	19.8	
1,2-Dichloroethane	12.5		"	10.0		125 74.6-132		19.0	20.2	
1,2-Dichloropropane	11.7		"	10.0		117 76.9-129		12.2	20.7	
1,3,5-Trimethylbenzene	10.9		"	10.0		109 70.6-127		10.9	18.9	
1,3-Dichlorobenzene	10.2		"	10.0		102 77-124		7.42	19.2	
1,3-Dichloropropane	11.3		"	10.0		113 75.8-126		9.44	22.1	
1,4-Dichlorobenzene	10.4		"	10.0		104 76.6-125		8.30	18.6	
2,2-Dichloropropane	9.77		"	10.0		97.7 69-133		12.3	19.8	
2-Chlorotoluene	10.7		"	10.0		107 66.3-119		14.3	21.6	
2-Hexanone	11.0		"	10.0		110 70-130		12.4	30	
4-Chlorotoluene	10.9		"	10.0		109 69.2-127		12.0	19	
Acetone	13.0		"	10.0		130 70-130		12.5	30	
Benzene	11.3		"	10.0		113 76.2-129		14.9	19	
Bromobenzene	11.1		"	10.0		111 71.3-123		11.7	20.3	
Bromochloromethane	11.7		"	10.0		117 70.8-137		12.9	23.9	
Bromodichloromethane	12.1		"	10.0		121 79.7-134		12.2	21	
Bromoform	10.9		"	10.0		109 70.5-141		10.9	21.8	
Bromomethane	10.8		"	10.0		108 43.9-147		14.7	28.4	
Carbon tetrachloride	11.8		"	10.0		118 78.1-138		14.0	20.1	
Chlorobenzene	11.0		"	10.0		110 80.4-125		12.4	19.9	
Chloroethane	10.3		"	10.0		103 55.8-140		20.5	23.3	
Chloroform	12.1		"	10.0		121 76.6-133		12.0	20.3	
Chloromethane	7.16		"	10.0		71.6 48.8-115		22.0	24.5	
cis-1,2-Dichloroethylene	11.9		"	10.0		119 75.1-128		17.5	20.5	
cis-1,3-Dichloropropylene	11.3		"	10.0		113 74.5-128		16.1	19.9	
Dibromochloromethane	11.6		"	10.0		116 79.8-134		10.7	21.3	
Dibromomethane	11.3		"	10.0		113 79-130		13.6	22.4	
Dichlorodifluoromethane	4.26		"	10.0		42.6 47.1-101	Low Bias	12.5	23.9	
Ethyl Benzene	12.0		"	10.0		120 80.8-128		11.6	19.2	
Hexachlorobutadiene	9.86		"	10.0		98.6 64.8-128		9.68	20.6	
Isopropylbenzene	12.0		"	10.0		120 75.5-135		13.4	20	
Methyl tert-butyl ether (MTBE)	12.6		"	10.0		126 65.1-140		12.2	23.6	
Methylene chloride	9.83		"	10.0		98.3 61.3-120		12.0	20.4	
Naphthalene	11.4		"	10.0		114 62.3-148		12.4	27.1	
n-Butylbenzene	11.0		"	10.0		110 67.2-123		9.78	19.1	
n-Propylbenzene	11.2		"	10.0		112 70.5-127		10.9	23.4	
o-Xylene	11.1		"	10.0		111 75.9-122		10.7	19.3	
p- & m- Xylenes	23.4		"	20.0		117 77.7-127		12.3	18.6	
p-Isopropyltoluene	10.9		"	10.0		109 75.6-129		10.9	19.1	
sec-Butylbenzene	10.9		"	10.0		109 71.5-125		10.7	18.9	

YORK

ANALYTICAL LABORATORIES, INC.

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH21383 - EPA 5030B

LCS Dup (BH21383-BSD1)

Prepared: 08/31/2012 Analyzed: 09/01/2012

Styrene	10.5		ug/L	10.0		105	77.8-123		16.5	20.9	
tert-Butylbenzene	13.3		"	10.0		133	75.9-151		13.5	20.9	
Tetrachloroethylene	10.8		"	10.0		108	63.6-167		16.9	27.7	
Toluene	11.1		"	10.0		111	77-123		12.6	18.7	
trans-1,2-Dichloroethylene	12.6		"	10.0		126	76.3-139		17.7	19.5	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137		11.5	19.3	
Trichloroethylene	11.9		"	10.0		119	77.9-130		20.0	20.5	
Trichlorofluoromethane	11.7		"	10.0		117	57.4-133		17.9	21.4	
Vinyl Chloride	8.26		"	10.0		82.6	54.9-124		19.8	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.4</i>		<i>"</i>	<i>10.0</i>		<i>114</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.78</i>		<i>"</i>	<i>10.0</i>		<i>97.8</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>81.2-127</i>				

YORK

ANALYTICAL LABORATORIES, INC.

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 BH21272 - EPA 3010A											
Blank (BH21272-BLK1)											
								Prepared & Analyzed: 08/29/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BH21272-DUP1)											
								*Source sample: 12H0951-01 (WQ82712:1000NP2-10)			
								Prepared & Analyzed: 08/29/2012			
Iron - Dissolved	0.0988	0.0100	mg/L		0.0852				14.8	20	
Matrix Spike (BH21272-MS1)											
								*Source sample: 12H0951-01 (WQ82712:1000NP2-10)			
								Prepared & Analyzed: 08/29/2012			
Iron - Dissolved	1.12	0.0100	mg/L	1.00	0.0852	103	75-125				
Reference (BH21272-SRM1)											
								Prepared & Analyzed: 08/29/2012			
Iron - Dissolved	0.260	0.0100	mg/L	0.274		95.1	86.9-115				

YORK

ANALYTICAL LABORATORIES, INC.

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 BH21272 - EPA 3010A											
Blank (BH21272-BLK1)											
								Prepared & Analyzed: 08/29/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BH21272-DUP1)											
								Prepared & Analyzed: 08/29/2012			
Iron	0.584	0.0100	mg/L		0.595				1.87	20	
Matrix Spike (BH21272-MS1)											
								Prepared & Analyzed: 08/29/2012			
Iron	1.62	0.0100	mg/L	1.00	0.595	102	75-125				
Reference (BH21272-SRM1)											
								Prepared & Analyzed: 08/29/2012			
Iron	0.260	0.0100	mg/L	0.274		95.1	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21268 - % Solids Prep										
Blank (BH21268-BLK1)							Prepared & Analyzed: 08/30/2012			
Total Dissolved Solids	ND	1.00	mg/L							
Duplicate (BH21268-DUP1)							Prepared & Analyzed: 08/30/2012			
*Source sample: 12H0951-01 (WQ82712:1000NP2-10)										
Total Dissolved Solids	104	1.00	mg/L		104			0.00	15	

Notes and Definitions

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

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

Field Chain-of-Custody Record

Page 1 of 1
York Project No. 12H0951

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

YOUR Information Company: <u>LB6</u> Address: <u>4 Research Dr. Suite 301 Shelton, CT 06484</u> Phone No. <u>203-289-8555</u> Contact Person: <u>Tonde Sandoz</u> E-Mail Address: <u>Tsandoz@lb6t.com</u>		Report To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR Project ID <u>Roque Industries.</u> Purchase Order No. <u>HAB5AG.</u>		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report <u>X</u> pdf Summary w/ QA Summary <u>X</u> pdf CT RCP Package CT RCP DQADUE Pkg NY ASP A Package NY ASP B Package <u>NP2 to only</u> NUDEP Red. Deliv. Electronic Data Deliverables (EDD)	
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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 H/VAT
 Name (printed)

Matrix Codes	Volatiles	Semi-Volat	Perfluorinated	Metals	Misc. Org	Full Lists	Misc.
S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor	8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list	STARS list BN Only Acids Only PAH list TAGM list CT RCP list	8082PCB 8081PCB 8151Heb CT RCP App. IX Site Spec. SPL Per TCLP	RCCRB PF 13 list TAL CT 15 list TAGM list NUDEP list Total Dissolved SPL Per TCLP Inorganic LIST below	TPH GRO TPH DRO CT BTPH NY 310-13 TPH 1664 Air TO14A Air STARS Air VPH Air TICs Methane Helium	Tri-Poll. TCL Ognats TAL MACON Full TCLP Full App. IX Part 300 Part 300/301 Part 300/302 Part 300/303 NYCRR Part 301 NYDEC Contam. Adlocat TAGM Silica	Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heteroatoms TOX BITUB. Aquatic Tox. NYCRR Part 301 NYDEC Contam. Adlocat Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)	Temperature on Receipt
WQ82712-6	8/27/12 950	GW	Fe by EPA 800-7 Fe, Dissolved by EPA 600 (SW 846-6100) TALS P360 list (EPA SW 846-6100) plus from 13	ZV ZP	4.4 °C
NQ82712-7	955	GW	↓	ZV ZP	
WQ82712-10	1000	GW	Fe by EPA 800-7 Fe, Dissolved by EPA 600 (SW 846-6100) TALS P360 list (EPA SW 846-6100) plus from 13 / TALS (SH 2540C)	ZV ZP	
Comments 4°C Frozen HCl MeOH NaOH ZnAc Ascorbic Acid Other Samples Received By <u>[Signature]</u> Date/Time <u>8/28/12 7:00</u> Samples Relinquished By <u>[Signature]</u> Date/Time <u>8/28/12-1620</u> Samples Relinquished By _____ Date/Time _____ Samples Received in LAB by _____ Date/Time _____					

YORK

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

Field Chain-of-Custody Record

Page 1 of 1

York Project No. 12H0952

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

YOUR INFORMATION Company: <u>LBG</u> Address: <u>4 Research Dr. Suite 301</u> <u>Shelton, CT 06484</u> Phone No. <u>203-929-8555</u> Contact Person: <u>Tunde Sander</u> E-Mail Address: <u>TSander@LBGCT.com</u>		Report To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR PROJECT ID Name: <u>Reve Industries</u> Purchase Order No.: <u>MASAG</u>		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report <input checked="" type="checkbox"/> <u>pdf</u> Summary w/ QA Summary <input checked="" type="checkbox"/> <u>pdf</u> CT RCP Package CT RCP DQADUE Pkg NY ASP A Package NY ASP B Package <u>NP2-10 only</u> NUDEP Red. Deliv. Electronic Data Deliverables (EDDL)	
--	--	---	--	--	--	--	--	--	--	---	--

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

Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor	Volatiles 8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list	Semi-Vols. <input checked="" type="checkbox"/> 8082PCB STARS list BN Only Acids Only PAH list TAGM list CT RCP list NUDEP list TCL list App. IX list SFL Per TCLP 608 PCB	Metals RCRA8 PP 13 list TAL CT 15 list TAGM list NUDEP list Total Dissolved SFL Per TCLP Lead/ Metals LIST Below	Misc. Org TPH ORO TPH DRO CT BTPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium	Full Lists Pri. Poll. TCL Ognates TAL MetCon Full TCLP Full App IX Part 360-Reserve Part 360-Reserve Part 360-Reserve Part 360-Reserve NYDEP Resv NYDEP Resv TAGM	Misc. Conductivity Reactivity Ignitability Flash Point Sieve Anal. Heteroatoms TOX BTU/lb. Asphatic Tox. TOC Address Silica
---	--	---	---	---	---	---

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ82712: 950NP2-6	8/27/12 950	GW	Fe by EPA 200.7 Fe, Dissolved by EPA 6010 (SW 846-6010) / VOCs, 8260 List (EPA SW 846-8260) plus from 13	ZV ZP
WQ82712: 955NP2-7	955	GW	Fe by EPA 200.7 Fe, Dissolved by EPA 6010 (SW 846-6010) / VOCs, 8260 List (EPA SW 846-8260) plus from 13 / TDS (SH 25405)	ZV ZP
WQ82712: 1000NP2-10	1000	GW		ZV ZP

4°C _____ Frozen _____ HCl _____ MeOH _____ HNO ₃ _____ NaOH _____ ZnAc _____ Ascorbic Acid _____ Other _____	Samples Relinquished By: <u>[Signature]</u> Date/Time: <u>8/28/12-1620</u>	Samples Received By: <u>[Signature]</u> Date/Time: <u>8/28/12-1620</u>	Temperature on Receipt: <u>4.4 °C</u>
Preservation: <input type="checkbox"/> Check those Applicable Special Instructions: <input type="checkbox"/> Field Filtered <input type="checkbox"/> Lab to Filter	Samples Received in LAB by: _____ Date/Time: _____		

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

Technical Report

prepared for:

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

Report Date: 09/10/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0342

Revision No. 1.0

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 09/10/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0342

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 09, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12H0342-03	GWQ080812:1120NPI-2-4	Water	08/08/2012	08/09/2012
12H0342-04	GWQ080812:1125NPI-2-2	Water	08/08/2012	08/09/2012
12H0342-05	GWQ080812:1130NPI-2-6	Water	08/08/2012	08/09/2012
12H0342-06	GWQ080812:1135NPI-2-7	Water	08/08/2012	08/09/2012

General Notes for York Project (SDG) No.: 12H0342

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: 09/10/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: GWQ080812:1120NPI-2-4

York Sample ID: 12H0342-03

York Project (SDG) No.
12H0342

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 8, 2012 12:00 pm

Date Received
08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
71-55-6	1,1,1-Trichloroethane	2.6		ug/L	0.024	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
75-34-3	1,1-Dichloroethane	1.6		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
75-35-4	1,1-Dichloroethylene	0.14	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
95-63-6	1,2,4-Trimethylbenzene	0.70		ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
108-67-8	1,3,5-Trimethylbenzene	0.14	J	ug/L	0.059	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
71-43-2	Benzene	0.62		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS

Sample Information

Client Sample ID: GWQ080812:1120NPI-2-4

York Sample ID: 12H0342-03

York Project (SDG) No.
12H0342

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 8, 2012 12:00 pm

Date Received
08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
67-66-3	Chloroform	0.25	J	ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
100-41-4	Ethyl Benzene	0.32	J	ug/L	0.057	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
91-20-3	Naphthalene	0.75	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
103-65-1	n-Propylbenzene	0.12	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
95-47-6	o-Xylene	0.16	J	ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
1330-20-7P/M	p- & m- Xylenes	0.75	J	ug/L	0.090	1.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
127-18-4	Tetrachloroethylene	0.90		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
108-88-3	Toluene	1.2		ug/L	0.042	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
79-01-6	Trichloroethylene	0.11	J	ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
1330-20-7	Xylenes, Total	0.91	J	ug/L	0.12	1.5	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	72.6-129
460-00-4	Surrogate: p-Bromofluorobenzene	96.2 %	63.5-145
2037-26-5	Surrogate: Toluene-d8	97.7 %	81.2-127

Sample Information

Client Sample ID: GWQ080812:1125NPI-2-2

York Sample ID: 12H0342-04

York Project (SDG) No.
12H0342

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 8, 2012 12:00 pm

Date Received
08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
71-55-6	1,1,1-Trichloroethane	0.23	J	ug/L	0.024	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
95-63-6	1,2,4-Trimethylbenzene	0.33	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
71-43-2	Benzene	0.17	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS

Sample Information

Client Sample ID: GWQ080812:1125NPI-2-2

York Sample ID: 12H0342-04

York Project (SDG) No.
12H0342

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 8, 2012 12:00 pm

Date Received
08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
100-41-4	Ethyl Benzene	0.14	J	ug/L	0.057	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
91-20-3	Naphthalene	0.26	J	ug/L	0.090	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
1330-20-7P/M	p- & m- Xylenes	0.34	J	ug/L	0.090	1.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
127-18-4	Tetrachloroethylene	0.53		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
108-88-3	Toluene	0.56		ug/L	0.042	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
79-01-6	Trichloroethylene	0.21	J	ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
1330-20-7	Xylenes, Total	0.34	J	ug/L	0.12	1.5	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	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	96.9 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	98.4 %	81.2-127								

Sample Information

Client Sample ID: GWQ080812:1130NPI-2-6

York Sample ID: 12H0342-05

York Project (SDG) No.
12H0342

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 8, 2012 12:00 pm

Date Received
08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
71-55-6	1,1,1-Trichloroethane	1.6		ug/L	0.024	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
75-34-3	1,1-Dichloroethane	0.57		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
75-35-4	1,1-Dichloroethylene	0.12	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
95-63-6	1,2,4-Trimethylbenzene	0.33	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
71-43-2	Benzene	0.26	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS

Sample Information

Client Sample ID: GWQ080812:1130NPI-2-6

York Sample ID: 12H0342-05

York Project (SDG) No.
12H0342

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 8, 2012 12:00 pm

Date Received
08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
67-66-3	Chloroform	0.33	J	ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
100-41-4	Ethyl Benzene	0.13	J	ug/L	0.057	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
91-20-3	Naphthalene	0.39	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
1330-20-7P/M	p- & m- Xylenes	0.31	J	ug/L	0.090	1.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
127-18-4	Tetrachloroethylene	2.6		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
108-88-3	Toluene	0.59		ug/L	0.042	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
79-01-6	Trichloroethylene	0.11	J	ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
1330-20-7	Xylenes, Total	0.31	J	ug/L	0.12	1.5	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.8 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.4 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	100 %	81.2-127								

Sample Information

Client Sample ID: GWQ080812:1135NPI-2-7

York Sample ID: 12H0342-06

York Project (SDG) No.
12H0342

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 8, 2012 12:00 pm

Date Received
08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
95-63-6	1,2,4-Trimethylbenzene	0.17	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
67-64-1	Acetone	1.1	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
71-43-2	Benzene	0.11	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS

Sample Information

Client Sample ID: GWQ080812:1135NPI-2-7

York Sample ID: 12H0342-06

York Project (SDG) No.
12H0342

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 8, 2012 12:00 pm

Date Received
08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
91-20-3	Naphthalene	0.11	J	ug/L	0.090	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
1330-20-7P/M	p- & m- Xylenes	0.15	J	ug/L	0.090	1.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
108-88-3	Toluene	0.37	J	ug/L	0.042	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
1330-20-7	Xylenes, Total	0.15	J	ug/L	0.12	1.5	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	94.0 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	97.9 %			81.2-127						

Analytical Batch Summary

Batch ID: BH20451

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0342-03	GWQ080812:1120NPI-2-4	08/10/12
12H0342-05	GWQ080812:1130NPI-2-6	08/10/12
BH20451-BLK1	Blank	08/10/12
BH20451-BS1	LCS	08/10/12
BH20451-BSD1	LCS Dup	08/10/12

Batch ID: BH20452

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0342-04	GWQ080812:1125NPI-2-2	08/10/12
12H0342-06	GWQ080812:1135NPI-2-7	08/10/12
BH20452-BLK1	Blank	08/10/12
BH20452-BS1	LCS	08/10/12
BH20452-BSD1	LCS Dup	08/10/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH20451 - EPA 5030B

Blank (BH20451-BLK1)

Prepared & Analyzed: 08/10/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.63	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	0.60	2.0	"								
Naphthalene	1.6	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH20451 - EPA 5030B

Blank (BH20451-BLK1)

Prepared & Analyzed: 08/10/2012

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

Surrogate: 1,2-Dichloroethane-d4

10.6

"

10.0

106

72.6-129

Surrogate: p-Bromofluorobenzene

9.69

"

10.0

96.9

63.5-145

Surrogate: Toluene-d8

9.84

"

10.0

98.4

81.2-127

LCS (BH20451-BS1)

Prepared & Analyzed: 08/10/2012

1,1,1,2-Tetrachloroethane	8.60		ug/L	10.0		86.0	82.3-130			
1,1,1-Trichloroethane	9.09		"	10.0		90.9	75.6-137			
1,1,2,2-Tetrachloroethane	7.83		"	10.0		78.3	71.3-131			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.85		"	10.0		98.5	71.1-129			
1,1,2-Trichloroethane	8.02		"	10.0		80.2	74.5-129			
1,1-Dichloroethane	9.79		"	10.0		97.9	79.6-132			
1,1-Dichloroethylene	11.1		"	10.0		111	80.2-146			
1,1-Dichloropropylene	9.10		"	10.0		91.0	75-136			
1,2,3-Trichlorobenzene	8.28		"	10.0		82.8	66.1-136			
1,2,3-Trichloropropane	7.37		"	10.0		73.7	63-131			
1,2,4-Trichlorobenzene	7.66		"	10.0		76.6	70.6-136			
1,2,4-Trimethylbenzene	8.21		"	10.0		82.1	75.3-135			
1,2-Dibromo-3-chloropropane	7.15		"	10.0		71.5	58.9-140			
1,2-Dibromoethane	8.03		"	10.0		80.3	79-130			
1,2-Dichlorobenzene	7.87		"	10.0		78.7	76.1-122			
1,2-Dichloroethane	8.79		"	10.0		87.9	74.6-132			
1,2-Dichloropropane	8.29		"	10.0		82.9	76.9-129			
1,3,5-Trimethylbenzene	8.02		"	10.0		80.2	70.6-127			
1,3-Dichlorobenzene	7.97		"	10.0		79.7	77-124			
1,3-Dichloropropane	8.18		"	10.0		81.8	75.8-126			
1,4-Dichlorobenzene	7.81		"	10.0		78.1	76.6-125			
2,2-Dichloropropane	7.90		"	10.0		79.0	69-133			
2-Chlorotoluene	7.71		"	10.0		77.1	66.3-119			
2-Hexanone	8.11		"	10.0		81.1	70-130			
4-Chlorotoluene	7.95		"	10.0		79.5	69.2-127			
Acetone	10.4		"	10.0		104	70-130			
Benzene	8.76		"	10.0		87.6	76.2-129			
Bromobenzene	7.70		"	10.0		77.0	71.3-123			
Bromochloromethane	8.86		"	10.0		88.6	70.8-137			
Bromodichloromethane	8.57		"	10.0		85.7	79.7-134			
Bromoform	7.59		"	10.0		75.9	70.5-141			
Bromomethane	8.45		"	10.0		84.5	43.9-147			
Carbon tetrachloride	10.3		"	10.0		103	78.1-138			
Chlorobenzene	8.22		"	10.0		82.2	80.4-125			
Chloroethane	8.88		"	10.0		88.8	55.8-140			
Chloroform	8.74		"	10.0		87.4	76.6-133			
Chloromethane	8.86		"	10.0		88.6	48.8-115			
cis-1,2-Dichloroethylene	9.00		"	10.0		90.0	75.1-128			
cis-1,3-Dichloropropylene	8.66		"	10.0		86.6	74.5-128			

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20451 - EPA 5030B										
LCS (BH20451-BS1)										
Prepared & Analyzed: 08/10/2012										
Dibromochloromethane	8.63		ug/L	10.0		86.3 79.8-134				
Dibromomethane	8.73		"	10.0		87.3 79-130				
Dichlorodifluoromethane	6.77		"	10.0		67.7 47.1-101				
Ethyl Benzene	8.41		"	10.0		84.1 80.8-128				
Hexachlorobutadiene	7.80		"	10.0		78.0 64.8-128				
Isopropylbenzene	8.66		"	10.0		86.6 75.5-135				
Methyl tert-butyl ether (MTBE)	6.16		"	10.0		61.6 65.1-140	Low Bias			
Methylene chloride	9.66		"	10.0		96.6 61.3-120				
Naphthalene	8.38		"	10.0		83.8 62.3-148				
n-Butylbenzene	7.95		"	10.0		79.5 67.2-123				
n-Propylbenzene	8.07		"	10.0		80.7 70.5-127				
o-Xylene	7.99		"	10.0		79.9 75.9-122				
p- & m- Xylenes	16.6		"	20.0		83.2 77.7-127				
p-Isopropyltoluene	8.23		"	10.0		82.3 75.6-129				
sec-Butylbenzene	7.96		"	10.0		79.6 71.5-125				
Styrene	8.14		"	10.0		81.4 77.8-123				
tert-Butylbenzene	8.36		"	10.0		83.6 75.9-151				
Tetrachloroethylene	8.49		"	10.0		84.9 63.6-167				
Toluene	8.46		"	10.0		84.6 77-123				
trans-1,2-Dichloroethylene	10.2		"	10.0		102 76.3-139				
trans-1,3-Dichloropropylene	7.85		"	10.0		78.5 72.5-137				
Trichloroethylene	8.60		"	10.0		86.0 77.9-130				
Trichlorofluoromethane	9.28		"	10.0		92.8 57.4-133				
Vinyl Chloride	8.93		"	10.0		89.3 54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.59</i>		<i>"</i>	<i>10.0</i>		<i>95.9 72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100 63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.92</i>		<i>"</i>	<i>10.0</i>		<i>99.2 81.2-127</i>				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20451 - EPA 5030B											
LCS Dup (BH20451-BSD1)											
Prepared & Analyzed: 08/10/2012											
1,1,1,2-Tetrachloroethane	9.55		ug/L	10.0		95.5	82.3-130		10.5	21.1	
1,1,1-Trichloroethane	9.50		"	10.0		95.0	75.6-137		4.41	19.7	
1,1,2,2-Tetrachloroethane	8.41		"	10.0		84.1	71.3-131		7.14	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.67		"	10.0		96.7	71.1-129		1.84	21.7	
1,1,2-Trichloroethane	8.85		"	10.0		88.5	74.5-129		9.84	20.3	
1,1-Dichloroethane	10.3		"	10.0		103	79.6-132		5.17	20.6	
1,1-Dichloroethylene	11.3		"	10.0		113	80.2-146		1.43	20	
1,1-Dichloropropylene	9.65		"	10.0		96.5	75-136		5.87	19.3	
1,2,3-Trichlorobenzene	9.88		"	10.0		98.8	66.1-136		17.6	21.6	
1,2,3-Trichloropropane	8.87		"	10.0		88.7	63-131		18.5	23.9	
1,2,4-Trichlorobenzene	9.04		"	10.0		90.4	70.6-136		16.5	21.7	
1,2,4-Trimethylbenzene	8.87		"	10.0		88.7	75.3-135		7.73	18.8	
1,2-Dibromo-3-chloropropane	8.81		"	10.0		88.1	58.9-140		20.8	27.7	
1,2-Dibromoethane	9.22		"	10.0		92.2	79-130		13.8	23	
1,2-Dichlorobenzene	8.68		"	10.0		86.8	76.1-122		9.79	19.8	
1,2-Dichloroethane	9.66		"	10.0		96.6	74.6-132		9.43	20.2	
1,2-Dichloropropane	9.20		"	10.0		92.0	76.9-129		10.4	20.7	
1,3,5-Trimethylbenzene	8.55		"	10.0		85.5	70.6-127		6.40	18.9	
1,3-Dichlorobenzene	8.56		"	10.0		85.6	77-124		7.14	19.2	
1,3-Dichloropropane	9.06		"	10.0		90.6	75.8-126		10.2	22.1	
1,4-Dichlorobenzene	8.64		"	10.0		86.4	76.6-125		10.1	18.6	
2,2-Dichloropropane	8.09		"	10.0		80.9	69-133		2.38	19.8	
2-Chlorotoluene	8.07		"	10.0		80.7	66.3-119		4.56	21.6	
2-Hexanone	9.01		"	10.0		90.1	70-130		10.5	30	
4-Chlorotoluene	8.53		"	10.0		85.3	69.2-127		7.04	19	
Acetone	10.8		"	10.0		108	70-130		3.77	30	
Benzene	9.47		"	10.0		94.7	76.2-129		7.79	19	
Bromobenzene	8.31		"	10.0		83.1	71.3-123		7.62	20.3	
Bromochloromethane	9.93		"	10.0		99.3	70.8-137		11.4	23.9	
Bromodichloromethane	9.52		"	10.0		95.2	79.7-134		10.5	21	
Bromoform	8.56		"	10.0		85.6	70.5-141		12.0	21.8	
Bromomethane	9.31		"	10.0		93.1	43.9-147		9.68	28.4	
Carbon tetrachloride	10.8		"	10.0		108	78.1-138		5.01	20.1	
Chlorobenzene	9.03		"	10.0		90.3	80.4-125		9.39	19.9	
Chloroethane	8.73		"	10.0		87.3	55.8-140		1.70	23.3	
Chloroform	9.53		"	10.0		95.3	76.6-133		8.65	20.3	
Chloromethane	9.26		"	10.0		92.6	48.8-115		4.42	24.5	
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	75.1-128		4.13	20.5	
cis-1,3-Dichloropropylene	9.66		"	10.0		96.6	74.5-128		10.9	19.9	
Dibromochloromethane	9.49		"	10.0		94.9	79.8-134		9.49	21.3	
Dibromomethane	9.48		"	10.0		94.8	79-130		8.24	22.4	
Dichlorodifluoromethane	6.81		"	10.0		68.1	47.1-101		0.589	23.9	
Ethyl Benzene	9.03		"	10.0		90.3	80.8-128		7.11	19.2	
Hexachlorobutadiene	9.25		"	10.0		92.5	64.8-128		17.0	20.6	
Isopropylbenzene	9.00		"	10.0		90.0	75.5-135		3.85	20	
Methyl tert-butyl ether (MTBE)	6.82		"	10.0		68.2	65.1-140		10.2	23.6	
Methylene chloride	10.3		"	10.0		103	61.3-120		6.22	20.4	
Naphthalene	9.49		"	10.0		94.9	62.3-148		12.4	27.1	
n-Butylbenzene	8.44		"	10.0		84.4	67.2-123		5.98	19.1	
n-Propylbenzene	8.43		"	10.0		84.3	70.5-127		4.36	23.4	
o-Xylene	8.65		"	10.0		86.5	75.9-122		7.93	19.3	
p- & m- Xylenes	17.9		"	20.0		89.4	77.7-127		7.12	18.6	
p-Isopropyltoluene	8.73		"	10.0		87.3	75.6-129		5.90	19.1	
sec-Butylbenzene	8.32		"	10.0		83.2	71.5-125		4.42	18.9	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH20451 - EPA 5030B

LCS Dup (BH20451-BSD1)

Prepared & Analyzed: 08/10/2012

Styrene	8.96		ug/L	10.0		89.6	77.8-123		9.59	20.9
tert-Butylbenzene	8.73		"	10.0		87.3	75.9-151		4.33	20.9
Tetrachloroethylene	8.78		"	10.0		87.8	63.6-167		3.36	27.7
Toluene	8.87		"	10.0		88.7	77-123		4.73	18.7
trans-1,2-Dichloroethylene	10.2		"	10.0		102	76.3-139		0.0977	19.5
trans-1,3-Dichloropropylene	9.10		"	10.0		91.0	72.5-137		14.7	19.3
Trichloroethylene	9.20		"	10.0		92.0	77.9-130		6.74	20.5
Trichlorofluoromethane	9.05		"	10.0		90.5	57.4-133		2.51	21.4
Vinyl Chloride	9.01		"	10.0		90.1	54.9-124		0.892	22.3
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>72.6-129</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>63.5-145</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.90</i>		<i>"</i>	<i>10.0</i>		<i>99.0</i>	<i>81.2-127</i>			

Batch BH20452 - EPA 5030B

Blank (BH20452-BLK1)

Prepared & Analyzed: 08/10/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L							
1,1,1-Trichloroethane	ND	0.50	"							
1,1,2,2-Tetrachloroethane	ND	0.50	"							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,1-Dichloroethylene	ND	0.50	"							
1,1-Dichloropropylene	ND	0.50	"							
1,2,3-Trichlorobenzene	ND	2.0	"							
1,2,3-Trichloropropane	ND	0.50	"							
1,2,4-Trichlorobenzene	ND	2.0	"							
1,2,4-Trimethylbenzene	ND	0.50	"							
1,2-Dibromo-3-chloropropane	ND	2.0	"							
1,2-Dibromoethane	ND	0.50	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							
1,3,5-Trimethylbenzene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,3-Dichloropropane	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
2,2-Dichloropropane	ND	0.50	"							
2-Chlorotoluene	ND	0.50	"							
2-Hexanone	ND	0.50	"							
4-Chlorotoluene	ND	0.50	"							
Acetone	1.1	2.0	"							
Benzene	ND	0.50	"							
Bromobenzene	ND	0.50	"							
Bromochloromethane	ND	0.50	"							
Bromodichloromethane	ND	0.50	"							
Bromoform	ND	0.50	"							
Bromomethane	ND	0.50	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	0.50	"							
Chloroethane	ND	0.50	"							
Chloroform	ND	0.50	"							
Chloromethane	ND	0.50	"							
cis-1,2-Dichloroethylene	ND	0.50	"							

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	Limit	Flag
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Batch BH20452 - EPA 5030B

Blank (BH20452-BLK1)

Prepared & Analyzed: 08/10/2012

cis-1,3-Dichloropropylene	ND	0.50	ug/L							
Dibromochloromethane	ND	0.50	"							
Dibromomethane	ND	0.50	"							
Dichlorodifluoromethane	ND	0.50	"							
Ethyl Benzene	ND	0.50	"							
Hexachlorobutadiene	ND	0.50	"							
Isopropylbenzene	ND	0.50	"							
Methyl tert-butyl ether (MTBE)	ND	0.50	"							
Methylene chloride	0.63	2.0	"							
Naphthalene	ND	2.0	"							
n-Butylbenzene	ND	0.50	"							
n-Propylbenzene	ND	0.50	"							
o-Xylene	ND	0.50	"							
p- & m- Xylenes	ND	1.0	"							
p-Isopropyltoluene	ND	0.50	"							
sec-Butylbenzene	ND	0.50	"							
Styrene	ND	0.50	"							
tert-Butylbenzene	ND	0.50	"							
Tetrachloroethylene	ND	0.50	"							
Toluene	ND	0.50	"							
trans-1,2-Dichloroethylene	ND	0.50	"							
trans-1,3-Dichloropropylene	ND	0.50	"							
Trichloroethylene	ND	0.50	"							
Trichlorofluoromethane	ND	0.50	"							
Vinyl Chloride	ND	0.50	"							
Xylenes, Total	ND	1.5	"							
<hr/>										
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>72.6-129</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.64</i>		<i>"</i>	<i>10.0</i>		<i>96.4</i>	<i>63.5-145</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.62</i>		<i>"</i>	<i>10.0</i>		<i>96.2</i>	<i>81.2-127</i>			

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	Flag	RPD		
		Limit			Result	Limits		RPD	Limit	Flag
Batch BH20452 - EPA 5030B										
LCS (BH20452-BS1)										
Prepared & Analyzed: 08/10/2012										
1,1,1,2-Tetrachloroethane	9.13		ug/L	10.0		91.3				
1,1,1-Trichloroethane	9.74		"	10.0		97.4				
1,1,2,2-Tetrachloroethane	8.25		"	10.0		82.5				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101				
1,1,2-Trichloroethane	8.61		"	10.0		86.1				
1,1-Dichloroethane	10.2		"	10.0		102				
1,1-Dichloroethylene	11.6		"	10.0		116				
1,1-Dichloropropylene	9.53		"	10.0		95.3				
1,2,3-Trichlorobenzene	9.02		"	10.0		90.2				
1,2,3-Trichloropropane	7.79		"	10.0		77.9				
1,2,4-Trichlorobenzene	9.12		"	10.0		91.2				
1,2,4-Trimethylbenzene	8.70		"	10.0		87.0				
1,2-Dibromo-3-chloropropane	7.98		"	10.0		79.8				
1,2-Dibromoethane	8.95		"	10.0		89.5				
1,2-Dichlorobenzene	8.37		"	10.0		83.7				
1,2-Dichloroethane	9.82		"	10.0		98.2				
1,2-Dichloropropane	9.07		"	10.0		90.7				
1,3,5-Trimethylbenzene	8.67		"	10.0		86.7				
1,3-Dichlorobenzene	8.33		"	10.0		83.3				
1,3-Dichloropropane	8.46		"	10.0		84.6				
1,4-Dichlorobenzene	8.40		"	10.0		84.0				
2,2-Dichloropropane	10.7		"	10.0		107				
2-Chlorotoluene	8.23		"	10.0		82.3				
2-Hexanone	9.09		"	10.0		90.9				
4-Chlorotoluene	8.74		"	10.0		87.4				
Acetone	8.68		"	10.0		86.8				
Benzene	9.49		"	10.0		94.9				
Bromobenzene	8.29		"	10.0		82.9				
Bromochloromethane	9.62		"	10.0		96.2				
Bromodichloromethane	9.11		"	10.0		91.1				
Bromoform	8.18		"	10.0		81.8				
Bromomethane	8.86		"	10.0		88.6				
Carbon tetrachloride	10.4		"	10.0		104				
Chlorobenzene	8.77		"	10.0		87.7				
Chloroethane	9.23		"	10.0		92.3				
Chloroform	9.50		"	10.0		95.0				
Chloromethane	8.59		"	10.0		85.9				
cis-1,2-Dichloroethylene	9.47		"	10.0		94.7				
cis-1,3-Dichloropropylene	9.35		"	10.0		93.5				
Dibromochloromethane	8.78		"	10.0		87.8				
Dibromomethane	9.26		"	10.0		92.6				
Dichlorodifluoromethane	7.11		"	10.0		71.1				
Ethyl Benzene	9.05		"	10.0		90.5				
Hexachlorobutadiene	9.13		"	10.0		91.3				
Isopropylbenzene	9.25		"	10.0		92.5				
Methyl tert-butyl ether (MTBE)	4.83		"	10.0		48.3		Low Bias		
Methylene chloride	10.2		"	10.0		102				
Naphthalene	7.90		"	10.0		79.0				
n-Butylbenzene	8.96		"	10.0		89.6				
n-Propylbenzene	8.68		"	10.0		86.8				
o-Xylene	8.55		"	10.0		85.5				
p- & m- Xylenes	17.5		"	20.0		87.3				
p-Isopropyltoluene	9.54		"	10.0		95.4				
sec-Butylbenzene	8.66		"	10.0		86.6				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	Limit	Flag
Batch BH20452 - EPA 5030B										
LCS (BH20452-BS1)						Prepared & Analyzed: 08/10/2012				
Styrene	8.52		ug/L	10.0		85.2				
tert-Butylbenzene	9.31		"	10.0		93.1				
Tetrachloroethylene	8.87		"	10.0		88.7				
Toluene	8.89		"	10.0		88.9				
trans-1,2-Dichloroethylene	10.3		"	10.0		103				
trans-1,3-Dichloropropylene	9.35		"	10.0		93.5				
Trichloroethylene	8.91		"	10.0		89.1				
Trichlorofluoromethane	9.18		"	10.0		91.8				
Vinyl Chloride	8.61		"	10.0		86.1				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.63		"	10.0		96.3				
<i>Surrogate: p-Bromofluorobenzene</i>	10.1		"	10.0		101				
<i>Surrogate: Toluene-d8</i>	9.75		"	10.0		97.5				
LCS Dup (BH20452-BSD1)						Prepared & Analyzed: 08/10/2012				
1,1,1,2-Tetrachloroethane	9.24		ug/L	10.0		92.4		1.20		21.1
1,1,1-Trichloroethane	9.49		"	10.0		94.9		2.60		19.7
1,1,2,2-Tetrachloroethane	8.42		"	10.0		84.2		2.04		20.8
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.78		"	10.0		97.8		3.02		21.7
1,1,2-Trichloroethane	8.57		"	10.0		85.7		0.466		20.3
1,1-Dichloroethane	10.4		"	10.0		104		1.36		20.6
1,1-Dichloroethylene	11.4		"	10.0		114		1.75		20
1,1-Dichloropropylene	9.43		"	10.0		94.3		1.05		19.3
1,2,3-Trichlorobenzene	9.63		"	10.0		96.3		6.54		21.6
1,2,3-Trichloropropane	8.01		"	10.0		80.1		2.78		23.9
1,2,4-Trichlorobenzene	8.96		"	10.0		89.6		1.77		21.7
1,2,4-Trimethylbenzene	8.49		"	10.0		84.9		2.44		18.8
1,2-Dibromo-3-chloropropane	8.63		"	10.0		86.3		7.83		27.7
1,2-Dibromoethane	8.88		"	10.0		88.8		0.785		23
1,2-Dichlorobenzene	8.43		"	10.0		84.3		0.714		19.8
1,2-Dichloroethane	10.1		"	10.0		101		2.81		20.2
1,2-Dichloropropane	8.89		"	10.0		88.9		2.00		20.7
1,3,5-Trimethylbenzene	8.29		"	10.0		82.9		4.48		18.9
1,3-Dichlorobenzene	8.30		"	10.0		83.0		0.361		19.2
1,3-Dichloropropane	8.98		"	10.0		89.8		5.96		22.1
1,4-Dichlorobenzene	8.30		"	10.0		83.0		1.20		18.6
2,2-Dichloropropane	10.7		"	10.0		107		0.0933		19.8
2-Chlorotoluene	7.99		"	10.0		79.9		2.96		21.6
2-Hexanone	8.74		"	10.0		87.4		3.93		30
4-Chlorotoluene	8.22		"	10.0		82.2		6.13		19
Acetone	8.33		"	10.0		83.3		4.12		30
Benzene	9.58		"	10.0		95.8		0.944		19
Bromobenzene	8.38		"	10.0		83.8		1.08		20.3
Bromochloromethane	10.1		"	10.0		101		4.67		23.9
Bromodichloromethane	9.23		"	10.0		92.3		1.31		21
Bromoform	8.52		"	10.0		85.2		4.07		21.8
Bromomethane	9.68		"	10.0		96.8		8.85		28.4
Carbon tetrachloride	9.82		"	10.0		98.2		5.26		20.1
Chlorobenzene	8.67		"	10.0		86.7		1.15		19.9
Chloroethane	9.04		"	10.0		90.4		2.08		23.3
Chloroform	9.70		"	10.0		97.0		2.08		20.3
Chloromethane	8.64		"	10.0		86.4		0.580		24.5
cis-1,2-Dichloroethylene	9.85		"	10.0		98.5		3.93		20.5
cis-1,3-Dichloropropylene	9.55		"	10.0		95.5		2.12		19.9
Dibromochloromethane	9.40		"	10.0		94.0		6.82		21.3

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20452 - EPA 5030B										
LCS Dup (BH20452-BSD1)										
										Prepared & Analyzed: 08/10/2012
Dibromomethane	9.59		ug/L	10.0		95.9 79-130		3.50	22.4	
Dichlorodifluoromethane	6.80		"	10.0		68.0 47.1-101		4.46	23.9	
Ethyl Benzene	8.63		"	10.0		86.3 80.8-128		4.75	19.2	
Hexachlorobutadiene	8.33		"	10.0		83.3 64.8-128		9.16	20.6	
Isopropylbenzene	8.80		"	10.0		88.0 75.5-135		4.99	20	
Methyl tert-butyl ether (MTBE)	6.54		"	10.0		65.4 65.1-140		30.1	23.6	Non-dir.
Methylene chloride	10.3		"	10.0		103 61.3-120		1.36	20.4	
Naphthalene	8.22		"	10.0		82.2 62.3-148		3.97	27.1	
n-Butylbenzene	8.68		"	10.0		86.8 67.2-123		3.17	19.1	
n-Propylbenzene	8.36		"	10.0		83.6 70.5-127		3.76	23.4	
o-Xylene	8.26		"	10.0		82.6 75.9-122		3.45	19.3	
p- & m- Xylenes	17.1		"	20.0		85.6 77.7-127		1.97	18.6	
p-Isopropyltoluene	9.16		"	10.0		91.6 75.6-129		4.06	19.1	
sec-Butylbenzene	8.20		"	10.0		82.0 71.5-125		5.46	18.9	
Styrene	8.57		"	10.0		85.7 77.8-123		0.585	20.9	
tert-Butylbenzene	8.90		"	10.0		89.0 75.9-151		4.50	20.9	
Tetrachloroethylene	8.47		"	10.0		84.7 63.6-167		4.61	27.7	
Toluene	8.69		"	10.0		86.9 77-123		2.28	18.7	
trans-1,2-Dichloroethylene	10.4		"	10.0		104 76.3-139		0.193	19.5	
trans-1,3-Dichloropropylene	9.55		"	10.0		95.5 72.5-137		2.12	19.3	
Trichloroethylene	8.63		"	10.0		86.3 77.9-130		3.19	20.5	
Trichlorofluoromethane	9.10		"	10.0		91.0 57.4-133		0.875	21.4	
Vinyl Chloride	8.35		"	10.0		83.5 54.9-124		3.07	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101 72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.97</i>		<i>"</i>	<i>10.0</i>		<i>99.7 63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.58</i>		<i>"</i>	<i>10.0</i>		<i>95.8 81.2-127</i>				

Notes and Definitions

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

Revision Description: On 09/10/12 the client submitted a revised COC with modified sample IDs and reporting instructions.

ANALYTICAL LABORATORIES, INC.
 120 RESEARCH DR. BRAINTON, CT 06615
 (803) 325-1371 FAX (803) 257-0156

YORK

Field Chain-of-Custody Record

Page 1 of 1
 York Project No. 12H0344

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

YOUR Information Company: <u>LAB</u> Address: <u>Wesland Dr, Suite 391</u> <u>Shelton CT 06484</u> Phone No: <u>203-929-8555</u> Contact Person: <u>Terde Sander</u> E-Mail Address: <u>Terde@LABCT.com</u>		Report To: Company: <u>Saint</u> Address: _____ Phone No: _____ Attention: _____		Invoice To: Company: <u>Saint</u> Address: _____ Phone No: _____ Attention: _____		YOUR Project ID <u>Rowe Industries</u> Purchase Order No. <u>HAS5AC</u>		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report <u>X</u> pdf Summary w/ QA Standard <u>X</u> pdf CT RCP Package CT RCP DOADUE Pkg NY ASP A Package NY ASP B Package <u>W2-10 only</u> pdf NIDEP Rad. Deliv. Electronic Data Deliverables (EDDL) Simple Excel <u>X</u> NYSD&C EQUS EQUS (std) EZ-HDD (EQUS) NIDEP SRP HazSlid EDD GIS/KEY (std) Other: _____ York Regulatory Comparisons Kered Spectralnet Compare to the following (use green fill): _____	
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Clear hands only. All information must be completed. Samples will NOT be logged in and in the future a chain of custody will not be kept until all questions are resolved.

Name (printed): Evan Foster
 Samples Collected/Authorized by (Signature): [Signature]

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
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Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Rowe W0808081A:1100NP2-6	8/8/12	GW	Fe by EPA 800-V/Fe, Dissolved by EPA 8002 (swr/46-60/60) VOCs, 8260 list (EPA SW845-8260B), plus known H3	2V0A, 1 plastic, 1HW2
Rowe W0808081A:1105NP2-7		GW	Fe by EPA 800-V/Fe, Dissolved by EPA 8002 (swr/46-60/60) VOCs, 8260 list (EPA SW845-8260B), plus known H3	"
Rowe W0808081A:1110NP2-10		GW	Fe by EPA 800-V/Fe, Dissolved by EPA 8002 (swr/46-60/60) VOCs, 8260 list (EPA SW845-8260B), plus known H3	2V0A, 1 plastic, 1HW2
Rowe W0808081A:1115NP2-2-4		GW	VOC's 8260 list (EPA SW845-8260B) + EPH0113	V0A VIALS X2
Rowe W0808081A:1115NP2-2-2		GW		
Rowe W0808081A:1130NP2-2-6		GW		
Rowe W0808081A:1135NP2-2-7		GW		

Comments: Please make changes indicated in red.

Preservation: Refrigerate, Freeze, Ambient, Other

Check these Analytical Instructions: Field Filtered, Lab to Filter

Sample Received By: [Signature] Date/Time: 8-9-12 1048

Temperature on Receipt: 15.20C

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: 09/04/2012

Client Project ID: Rowe Industries

York Project (SDG) No.: 12H0848

Revision No. 1.0

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 09/04/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0848

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

Purpose and Results

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

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12H0848-01	GWQ082112:1134FRW-1	Water	08/21/2012	08/24/2012
12H0848-02	GWQ082112:1215FRW-2	Water	08/21/2012	08/24/2012
12H0848-03	GWQ082112:1338FRW-3	Water	08/21/2012	08/24/2012
12H0848-04	GWQ082112:1421FRW-4	Water	08/21/2012	08/24/2012
12H0848-05	GWQ082112:1255MW-98-05A	Water	08/21/2012	08/24/2012

General Notes for York Project (SDG) No.: 12H0848

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: 09/04/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: GWQ082112:1134FRW-1

York Sample ID: 12H0848-01

York Project (SDG) No.
12H0848

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

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	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
71-55-6	1,1,1-Trichloroethane	3.1		ug/L	0.024	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
75-34-3	1,1-Dichloroethane	1.0		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
75-35-4	1,1-Dichloroethylene	0.30	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS

Sample Information

Client Sample ID: GWQ082112:1134FRW-1

York Sample ID: 12H0848-01

York Project (SDG) No.
12H0848

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

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	0.090	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
156-59-2	cis-1,2-Dichloroethylene	150		ug/L	0.34	2.5	5	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 19:28	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
91-20-3	Naphthalene	1.2	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
127-18-4	Tetrachloroethylene	48		ug/L	0.35	2.5	5	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 19:28	SS
108-88-3	Toluene	0.15	J	ug/L	0.042	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
156-60-5	trans-1,2-Dichloroethylene	0.29	J	ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
79-01-6	Trichloroethylene	15		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
75-01-4	Vinyl Chloride	1.7		ug/L	0.062	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	72.6-129
460-00-4	Surrogate: p-Bromofluorobenzene	96.8 %	63.5-145
2037-26-5	Surrogate: Toluene-d8	103 %	81.2-127

Sample Information

Client Sample ID: GWQ082112:1134FRW-1

York Sample ID: 12H0848-01

York Project (SDG) No.
12H0848

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

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	0.0245		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/27/2012 15:58	08/27/2012 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	38.8		mg/L	0.0100	0.0100	1	EPA 200.7	08/27/2012 15:58	08/27/2012 18:58	MW

Manganese 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
7439-96-5	Manganese	0.192		mg/L	0.00200	0.00500	1	EPA 200.7	08/27/2012 15:58	08/27/2012 18:58	MW

Nitrate (as N)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	0.206	HT-02	mg/L	0.0120	0.0500	1	EPA 300	08/24/2012 17:16	08/24/2012 17:16	AD

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	69.3		mg/L	0.0860	1.00	1	EPA Method 300.0	08/24/2012 17:16	08/24/2012 17:16	AD

Chemical Oxygen Demand (COD)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	34		mg/L	10	10	1	SM 5220 B	08/27/2012 17:08	08/27/2012 17:08	AA

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	8.94		mg/L	1.00	1.00	1	SM 5310C	08/28/2012 09:43	08/29/2012 12:58	AMC

Sample Information

Client Sample ID: GWQ082112:1215FRW-2

York Sample ID: 12H0848-02

York Project (SDG) No.
12H0848

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

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
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Sample Information

Client Sample ID: GWQ082112:1215FRW-2

York Sample ID: 12H0848-02

York Project (SDG) No.
12H0848

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

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	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
71-55-6	1,1,1-Trichloroethane	0.37	J	ug/L	0.024	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
75-34-3	1,1-Dichloroethane	0.13	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
67-64-1	Acetone	1.0	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
71-43-2	Benzene	0.23	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS

Sample Information

Client Sample ID: GWQ082112:1215FRW-2

York Sample ID: 12H0848-02

York Project (SDG) No.
12H0848

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

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	0.090	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
67-66-3	Chloroform	0.54		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
156-59-2	cis-1,2-Dichloroethylene	87		ug/L	0.69	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 20:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
100-41-4	Ethyl Benzene	0.17	J	ug/L	0.057	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
91-20-3	Naphthalene	0.73	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
127-18-4	Tetrachloroethylene	40		ug/L	0.70	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 20:15	SS
108-88-3	Toluene	0.12	J	ug/L	0.042	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
156-60-5	trans-1,2-Dichloroethylene	0.24	J	ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
79-01-6	Trichloroethylene	8.5		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
75-01-4	Vinyl Chloride	0.57		ug/L	0.062	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	98.4 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	102 %			81.2-127						

Sample Information

Client Sample ID: GWQ082112:1215FRW-2

York Sample ID: 12H0848-02

York Project (SDG) No.
12H0848

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

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	ND		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/27/2012 15:58	08/27/2012 19:15	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	26.3		mg/L	0.0100	0.0100	1	EPA 200.7	08/27/2012 15:58	08/27/2012 19:20	MW

Manganese 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
7439-96-5	Manganese	0.188		mg/L	0.00200	0.00500	1	EPA 200.7	08/27/2012 15:58	08/27/2012 19:20	MW

Nitrate (as N)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND	HT-02	mg/L	0.0120	0.0500	1	EPA 300	08/24/2012 17:33	08/24/2012 17:33	AD

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	3.55		mg/L	0.0860	1.00	1	EPA Method 300.0	08/24/2012 17:33	08/24/2012 17:33	AD

Chemical Oxygen Demand (COD)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	14		mg/L	10	10	1	SM 5220 B	08/27/2012 17:08	08/27/2012 17:08	AA

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	4.90		mg/L	1.00	1.00	1	SM 5310C	08/28/2012 09:43	08/29/2012 12:58	AMC

Sample Information

Client Sample ID: GWQ082112:1338FRW-3

York Sample ID: 12H0848-03

York Project (SDG) No.
12H0848

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

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
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Sample Information

Client Sample ID: GWQ082112:1338FRW-3

York Sample ID: 12H0848-03

York Project (SDG) No.
12H0848

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

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	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
71-55-6	1,1,1-Trichloroethane	0.39	J	ug/L	0.024	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
75-34-3	1,1-Dichloroethane	0.20	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS

Sample Information

Client Sample ID: GWQ082112:1338FRW-3

York Sample ID: 12H0848-03

York Project (SDG) No.
12H0848

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

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	0.090	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
156-59-2	cis-1,2-Dichloroethylene	41		ug/L	0.069	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
98-82-8	Isopropylbenzene	0.70		ug/L	0.056	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
91-20-3	Naphthalene	0.53	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
103-65-1	n-Propylbenzene	0.46	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
127-18-4	Tetrachloroethylene	32		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
108-88-3	Toluene	0.12	J	ug/L	0.042	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
79-01-6	Trichloroethylene	8.2		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
75-01-4	Vinyl Chloride	1.0		ug/L	0.062	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0 *Surrogate: 1,2-Dichloroethane-d4* 107 %
 460-00-4 *Surrogate: p-Bromofluorobenzene* 93.8 %
 2037-26-5 *Surrogate: Toluene-d8* 102 %

72.6-129
 63.5-145
 81.2-127

Sample Information

Client Sample ID: GWQ082112:1338FRW-3

York Sample ID: 12H0848-03

York Project (SDG) No.
12H0848

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

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	ND		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/27/2012 15:58	08/27/2012 19:25	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	27.9		mg/L	0.0100	0.0100	1	EPA 200.7	08/27/2012 15:58	08/27/2012 19:29	MW

Manganese 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
7439-96-5	Manganese	0.114		mg/L	0.00200	0.00500	1	EPA 200.7	08/27/2012 15:58	08/27/2012 19:29	MW

Nitrate (as N)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND	HT-02	mg/L	0.0120	0.0500	1	EPA 300	08/24/2012 17:49	08/24/2012 17:49	AD

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	9.30		mg/L	0.0860	1.00	1	EPA Method 300.0	08/24/2012 17:49	08/24/2012 17:49	AD

Chemical Oxygen Demand (COD)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	24		mg/L	10	10	1	SM 5220 B	08/27/2012 17:08	08/27/2012 17:08	AA

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	5.06		mg/L	1.00	1.00	1	SM 5310C	08/28/2012 09:43	08/29/2012 12:58	AMC

Sample Information

Client Sample ID: GWQ082112:1421FRW-4

York Sample ID: 12H0848-04

York Project (SDG) No.
12H0848

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

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
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Sample Information

Client Sample ID: GWQ082112:1421FRW-4

York Sample ID: 12H0848-04

York Project (SDG) No.
12H0848

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

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	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
71-55-6	1,1,1-Trichloroethane	0.21	J	ug/L	0.024	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS

Sample Information

Client Sample ID: GWQ082112:1421FRW-4

York Sample ID: 12H0848-04

York Project (SDG) No.
12H0848

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

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	0.090	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
156-59-2	cis-1,2-Dichloroethylene	19		ug/L	0.069	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
91-20-3	Naphthalene	0.34	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
127-18-4	Tetrachloroethylene	14		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
79-01-6	Trichloroethylene	0.86		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.4 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	113 %	81.2-127								

Sample Information

Client Sample ID: GWQ082112:1421FRW-4

York Sample ID: 12H0848-04

York Project (SDG) No.
12H0848

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

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	ND		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/27/2012 15:58	08/27/2012 19:34	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	7.24		mg/L	0.0100	0.0100	1	EPA 200.7	08/27/2012 15:58	08/27/2012 19:39	MW

Manganese 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
7439-96-5	Manganese	0.0639		mg/L	0.00200	0.00500	1	EPA 200.7	08/27/2012 15:58	08/27/2012 19:39	MW

Nitrate (as N)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND	HT-02	mg/L	0.0120	0.0500	1	EPA 300	08/24/2012 18:05	08/24/2012 18:05	AD

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	2.56		mg/L	0.0860	1.00	1	EPA Method 300.0	08/24/2012 18:05	08/24/2012 18:05	AD

Chemical Oxygen Demand (COD)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	32		mg/L	10	10	1	SM 5220 B	08/27/2012 17:08	08/27/2012 17:08	AA

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	10.5		mg/L	1.00	1.00	1	SM 5310C	08/28/2012 09:43	08/29/2012 12:58	AMC

Sample Information

Client Sample ID: GWQ082112:1255MW-98-05A

York Sample ID: 12H0848-05

York Project (SDG) No.
12H0848

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

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
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Sample Information

Client Sample ID: GWQ082112:1255MW-98-05A

York Sample ID: 12H0848-05

York Project (SDG) No.
12H0848

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

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	0.71	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.24	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.7	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.74	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.70	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.44	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.44	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	1.1	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
87-61-6	1,2,3-Trichlorobenzene	2.4	J, B	ug/L	1.2	20	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.7	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
120-82-1	1,2,4-Trichlorobenzene	1.7	J, B	ug/L	1.1	20	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.68	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	4.6	20	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	1.5	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.71	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	1.2	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.51	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.59	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.48	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	1.2	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.48	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.84	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
591-78-6	2-Hexanone	ND		ug/L	2.4	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.72	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
67-64-1	Acetone	1.0	B-Dil, J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
71-43-2	Benzene	ND		ug/L	0.44	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
108-86-1	Bromobenzene	ND		ug/L	0.81	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
74-97-5	Bromochloromethane	ND		ug/L	1.0	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.54	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
75-25-2	Bromoform	ND		ug/L	0.79	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.85	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
108-90-7	Chlorobenzene	ND		ug/L	0.63	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS

Sample Information

Client Sample ID: GWQ082112:1255MW-98-05A

York Sample ID: 12H0848-05

York Project (SDG) No.
12H0848

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

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	0.90	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
67-66-3	Chloroform	ND		ug/L	0.79	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
74-87-3	Chloromethane	ND		ug/L	0.76	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.69	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.53	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
74-95-3	Dibromomethane	ND		ug/L	1.2	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.92	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.57	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	1.2	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.56	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	4.8	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
75-09-2	Methylene chloride	0.30	B-Dil, J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
91-20-3	Naphthalene	29	B	ug/L	0.90	20	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
104-51-8	n-Butylbenzene	1.0	J, B	ug/L	0.83	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.68	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.90	10	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.44	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.50	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.50	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.70	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
108-88-3	Toluene	390		ug/L	0.42	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.85	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.60	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
79-01-6	Trichloroethylene	ND		ug/L	0.71	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.94	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.62	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.2	15	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0 *Surrogate: 1,2-Dichloroethane-d4* 112 %
 460-00-4 *Surrogate: p-Bromofluorobenzene* 99.0 %
 2037-26-5 *Surrogate: Toluene-d8* 104 %

72.6-129
 63.5-145
 81.2-127

Sample Information

Client Sample ID: GWQ082112:1255MW-98-05A

York Sample ID: 12H0848-05

York Project (SDG) No.
12H0848

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 21, 2012 3:00 pm

Date Received
08/24/2012

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	0.0766		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/27/2012 15:58	08/27/2012 19:56	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	50.6		mg/L	0.0100	0.0100	1	EPA 200.7	08/27/2012 15:58	08/27/2012 20:01	MW

Manganese 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
7439-96-5	Manganese	0.658		mg/L	0.00200	0.00500	1	EPA 200.7	08/27/2012 15:58	08/27/2012 20:01	MW

Nitrate (as N)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	0.745	HT-02	mg/L	0.0120	0.0500	1	EPA 300	08/24/2012 18:21	08/24/2012 18:21	AD

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	ND		mg/L	0.0860	1.00	1	EPA Method 300.0	08/24/2012 18:21	08/24/2012 18:21	AD

Chemical Oxygen Demand (COD)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	63		mg/L	10	10	1	SM 5220 B	08/27/2012 17:08	08/27/2012 17:08	AA

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	7.63		mg/L	1.00	1.00	1	SM 5310C	08/28/2012 09:43	08/29/2012 12:58	AMC

Analytical Batch Summary

Batch ID: BH21093 **Preparation Method:** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
12H0848-01	GWQ082112:1134FRW-1	08/27/12
12H0848-02	GWQ082112:1215FRW-2	08/27/12
12H0848-03	GWQ082112:1338FRW-3	08/27/12
12H0848-04	GWQ082112:1421FRW-4	08/27/12
12H0848-05	GWQ082112:1255MW-98-05A	08/27/12
BH21093-BLK1	Blank	08/27/12
BH21093-BS1	LCS	08/27/12
BH21093-DUP1	Duplicate	08/27/12
BH21093-MS1	Matrix Spike	08/27/12

Batch ID: BH21105 **Preparation Method:** EPA 5030B **Prepared By:** VRL

YORK Sample ID	Client Sample ID	Preparation Date
12H0848-01	GWQ082112:1134FRW-1	08/27/12
12H0848-02	GWQ082112:1215FRW-2	08/27/12
12H0848-03	GWQ082112:1338FRW-3	08/27/12
12H0848-04	GWQ082112:1421FRW-4	08/27/12
12H0848-05	GWQ082112:1255MW-98-05A	08/27/12
BH21105-BLK1	Blank	08/27/12
BH21105-BS1	LCS	08/27/12
BH21105-BSD1	LCS Dup	08/27/12

Batch ID: BH21130 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12H0848-01	GWQ082112:1134FRW-1	08/27/12
12H0848-01	GWQ082112:1134FRW-1	08/27/12
12H0848-02	GWQ082112:1215FRW-2	08/27/12
12H0848-02	GWQ082112:1215FRW-2	08/27/12
12H0848-03	GWQ082112:1338FRW-3	08/27/12
12H0848-03	GWQ082112:1338FRW-3	08/27/12
12H0848-04	GWQ082112:1421FRW-4	08/27/12
12H0848-04	GWQ082112:1421FRW-4	08/27/12
12H0848-05	GWQ082112:1255MW-98-05A	08/27/12
12H0848-05	GWQ082112:1255MW-98-05A	08/27/12
BH21130-BLK1	Blank	08/27/12
BH21130-BLK1	Blank	08/27/12
BH21130-DUP1	Duplicate	08/27/12
BH21130-DUP1	Duplicate	08/27/12
BH21130-MS1	Matrix Spike	08/27/12
BH21130-MS1	Matrix Spike	08/27/12
BH21130-SRM1	Reference	08/27/12
BH21130-SRM1	Reference	08/27/12

Batch ID: BH21135 **Preparation Method:** EPA 300 **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
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YORK

ANALYTICAL LABORATORIES, INC.

12H0848-01	GWQ082112:1134FRW-1	08/24/12
12H0848-02	GWQ082112:1215FRW-2	08/24/12
12H0848-03	GWQ082112:1338FRW-3	08/24/12
12H0848-04	GWQ082112:1421FRW-4	08/24/12
12H0848-05	GWQ082112:1255MW-98-05A	08/24/12
BH21135-BLK1	Blank	08/24/12
BH21135-BS1	LCS	08/24/12
BH21135-SRM1	Reference	08/24/12

Batch ID: BH21162

Preparation Method: Analysis Preparation

Prepared By: AMC

YORK Sample ID	Client Sample ID	Preparation Date
12H0848-01	GWQ082112:1134FRW-1	08/28/12
12H0848-02	GWQ082112:1215FRW-2	08/28/12
12H0848-03	GWQ082112:1338FRW-3	08/28/12
12H0848-04	GWQ082112:1421FRW-4	08/28/12
12H0848-05	GWQ082112:1255MW-98-05A	08/28/12
BH21162-BLK1	Blank	08/28/12
BH21162-BS1	LCS	08/28/12
BH21162-DUP1	Duplicate	08/28/12
BH21162-MS1	Matrix Spike	08/28/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH21105 - EPA 5030B

Blank (BH21105-BLK1)

Prepared & Analyzed: 08/27/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	1.6	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.92	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	1.7	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	3.3	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	0.56	2.0	"								
Naphthalene	11	2.0	"								
n-Butylbenzene	0.58	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH21105 - EPA 5030B

Blank (BH21105-BLK1)

Prepared & Analyzed: 08/27/2012

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

Surrogate: 1,2-Dichloroethane-d4

10.0

"

10.0

100

72.6-129

Surrogate: p-Bromofluorobenzene

10.1

"

10.0

101

63.5-145

Surrogate: Toluene-d8

10.2

"

10.0

102

81.2-127

LCS (BH21105-BS1)

Prepared & Analyzed: 08/27/2012

1,1,1,2-Tetrachloroethane	9.04		ug/L	10.0		90.4	82.3-130		
1,1,1-Trichloroethane	9.59		"	10.0		95.9	75.6-137		
1,1,2,2-Tetrachloroethane	9.23		"	10.0		92.3	71.3-131		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.81		"	10.0		88.1	71.1-129		
1,1,2-Trichloroethane	8.94		"	10.0		89.4	74.5-129		
1,1-Dichloroethane	9.64		"	10.0		96.4	79.6-132		
1,1-Dichloroethylene	9.91		"	10.0		99.1	80.2-146		
1,1-Dichloropropylene	6.42		"	10.0		64.2	75-136	Low Bias	
1,2,3-Trichlorobenzene	9.20		"	10.0		92.0	66.1-136		
1,2,3-Trichloropropane	8.90		"	10.0		89.0	63-131		
1,2,4-Trichlorobenzene	8.49		"	10.0		84.9	70.6-136		
1,2,4-Trimethylbenzene	6.94		"	10.0		69.4	75.3-135	Low Bias	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	58.9-140		
1,2-Dibromoethane	9.27		"	10.0		92.7	79-130		
1,2-Dichlorobenzene	8.58		"	10.0		85.8	76.1-122		
1,2-Dichloroethane	9.41		"	10.0		94.1	74.6-132		
1,2-Dichloropropane	8.94		"	10.0		89.4	76.9-129		
1,3,5-Trimethylbenzene	7.96		"	10.0		79.6	70.6-127		
1,3-Dichlorobenzene	8.22		"	10.0		82.2	77-124		
1,3-Dichloropropane	9.01		"	10.0		90.1	75.8-126		
1,4-Dichlorobenzene	8.51		"	10.0		85.1	76.6-125		
2,2-Dichloropropane	9.26		"	10.0		92.6	69-133		
2-Chlorotoluene	10.6		"	10.0		106	66.3-119		
2-Hexanone	11.4		"	10.0		114	70-130		
4-Chlorotoluene	8.67		"	10.0		86.7	69.2-127		
Acetone	11.4		"	10.0		114	70-130		
Benzene	9.26		"	10.0		92.6	76.2-129		
Bromobenzene	8.22		"	10.0		82.2	71.3-123		
Bromochloromethane	9.34		"	10.0		93.4	70.8-137		
Bromodichloromethane	9.62		"	10.0		96.2	79.7-134		
Bromoform	10.4		"	10.0		104	70.5-141		
Bromomethane	7.89		"	10.0		78.9	43.9-147		
Carbon tetrachloride	7.42		"	10.0		74.2	78.1-138	Low Bias	
Chlorobenzene	8.68		"	10.0		86.8	80.4-125		
Chloroethane	8.70		"	10.0		87.0	55.8-140		
Chloroform	9.24		"	10.0		92.4	76.6-133		
Chloromethane	9.02		"	10.0		90.2	48.8-115		
cis-1,2-Dichloroethylene	9.63		"	10.0		96.3	75.1-128		
cis-1,3-Dichloropropylene	10.3		"	10.0		103	74.5-128		

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21105 - EPA 5030B										
LCS (BH21105-BS1)										
Prepared & Analyzed: 08/27/2012										
Dibromochloromethane	9.26		ug/L	10.0		92.6 79.8-134				
Dibromomethane	9.58		"	10.0		95.8 79-130				
Dichlorodifluoromethane	9.34		"	10.0		93.4 47.1-101				
Ethyl Benzene	13.9		"	10.0		139 80.8-128	High Bias			
Hexachlorobutadiene	8.11		"	10.0		81.1 64.8-128				
Isopropylbenzene	9.33		"	10.0		93.3 75.5-135				
Methyl tert-butyl ether (MTBE)	8.30		"	10.0		83.0 65.1-140				
Methylene chloride	9.16		"	10.0		91.6 61.3-120				
Naphthalene	14.1		"	10.0		141 62.3-148				
n-Butylbenzene	8.95		"	10.0		89.5 67.2-123				
n-Propylbenzene	8.71		"	10.0		87.1 70.5-127				
o-Xylene	8.56		"	10.0		85.6 75.9-122				
p- & m- Xylenes	17.4		"	20.0		87.2 77.7-127				
p-Isopropyltoluene	8.73		"	10.0		87.3 75.6-129				
sec-Butylbenzene	8.48		"	10.0		84.8 71.5-125				
Styrene	5.91		"	10.0		59.1 77.8-123	Low Bias			
tert-Butylbenzene	9.47		"	10.0		94.7 75.9-151				
Tetrachloroethylene	8.52		"	10.0		85.2 63.6-167				
Toluene	9.11		"	10.0		91.1 77-123				
trans-1,2-Dichloroethylene	9.34		"	10.0		93.4 76.3-139				
trans-1,3-Dichloropropylene	9.51		"	10.0		95.1 72.5-137				
Trichloroethylene	9.18		"	10.0		91.8 77.9-130				
Trichlorofluoromethane	8.99		"	10.0		89.9 57.4-133				
Vinyl Chloride	9.19		"	10.0		91.9 54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102 72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101 63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103 81.2-127</i>				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21105 - EPA 5030B											
LCS Dup (BH21105-BSD1)											
										Prepared & Analyzed: 08/27/2012	
1,1,1,2-Tetrachloroethane	8.90		ug/L	10.0		89.0	82.3-130		1.56	21.1	
1,1,1-Trichloroethane	9.31		"	10.0		93.1	75.6-137		2.96	19.7	
1,1,2,2-Tetrachloroethane	9.09		"	10.0		90.9	71.3-131		1.53	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.57		"	10.0		85.7	71.1-129		2.76	21.7	
1,1,2-Trichloroethane	8.54		"	10.0		85.4	74.5-129		4.58	20.3	
1,1-Dichloroethane	9.33		"	10.0		93.3	79.6-132		3.27	20.6	
1,1-Dichloroethylene	10.0		"	10.0		100	80.2-146		1.40	20	
1,1-Dichloropropylene	7.96		"	10.0		79.6	75-136		21.4	19.3	Non-dir.
1,2,3-Trichlorobenzene	9.62		"	10.0		96.2	66.1-136		4.46	21.6	
1,2,3-Trichloropropane	8.47		"	10.0		84.7	63-131		4.95	23.9	
1,2,4-Trichlorobenzene	8.81		"	10.0		88.1	70.6-136		3.70	21.7	
1,2,4-Trimethylbenzene	8.41		"	10.0		84.1	75.3-135		19.2	18.8	Non-dir.
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	58.9-140		2.13	27.7	
1,2-Dibromoethane	9.32		"	10.0		93.2	79-130		0.538	23	
1,2-Dichlorobenzene	8.62		"	10.0		86.2	76.1-122		0.465	19.8	
1,2-Dichloroethane	9.34		"	10.0		93.4	74.6-132		0.747	20.2	
1,2-Dichloropropane	8.73		"	10.0		87.3	76.9-129		2.38	20.7	
1,3,5-Trimethylbenzene	8.52		"	10.0		85.2	70.6-127		6.80	18.9	
1,3-Dichlorobenzene	8.33		"	10.0		83.3	77-124		1.33	19.2	
1,3-Dichloropropane	8.90		"	10.0		89.0	75.8-126		1.23	22.1	
1,4-Dichlorobenzene	8.34		"	10.0		83.4	76.6-125		2.02	18.6	
2,2-Dichloropropane	9.08		"	10.0		90.8	69-133		1.96	19.8	
2-Chlorotoluene	8.22		"	10.0		82.2	66.3-119		25.6	21.6	Non-dir.
2-Hexanone	10.4		"	10.0		104	70-130		8.90	30	
4-Chlorotoluene	8.56		"	10.0		85.6	69.2-127		1.28	19	
Acetone	11.4		"	10.0		114	70-130		0.263	30	
Benzene	9.02		"	10.0		90.2	76.2-129		2.63	19	
Bromobenzene	8.39		"	10.0		83.9	71.3-123		2.05	20.3	
Bromochloromethane	9.24		"	10.0		92.4	70.8-137		1.08	23.9	
Bromodichloromethane	9.36		"	10.0		93.6	79.7-134		2.74	21	
Bromoform	9.42		"	10.0		94.2	70.5-141		9.50	21.8	
Bromomethane	8.08		"	10.0		80.8	43.9-147		2.38	28.4	
Carbon tetrachloride	8.64		"	10.0		86.4	78.1-138		15.2	20.1	
Chlorobenzene	8.51		"	10.0		85.1	80.4-125		1.98	19.9	
Chloroethane	8.73		"	10.0		87.3	55.8-140		0.344	23.3	
Chloroform	9.08		"	10.0		90.8	76.6-133		1.75	20.3	
Chloromethane	9.26		"	10.0		92.6	48.8-115		2.63	24.5	
cis-1,2-Dichloroethylene	9.14		"	10.0		91.4	75.1-128		5.22	20.5	
cis-1,3-Dichloropropylene	9.60		"	10.0		96.0	74.5-128		7.13	19.9	
Dibromochloromethane	8.86		"	10.0		88.6	79.8-134		4.42	21.3	
Dibromomethane	9.49		"	10.0		94.9	79-130		0.944	22.4	
Dichlorodifluoromethane	9.20		"	10.0		92.0	47.1-101		1.51	23.9	
Ethyl Benzene	9.02		"	10.0		90.2	80.8-128		42.9	19.2	Non-dir.
Hexachlorobutadiene	8.40		"	10.0		84.0	64.8-128		3.51	20.6	
Isopropylbenzene	9.39		"	10.0		93.9	75.5-135		0.641	20	
Methyl tert-butyl ether (MTBE)	8.94		"	10.0		89.4	65.1-140		7.42	23.6	
Methylene chloride	9.16		"	10.0		91.6	61.3-120		0.00	20.4	
Naphthalene	14.9		"	10.0		149	62.3-148	High Bias	5.73	27.1	
n-Butylbenzene	9.01		"	10.0		90.1	67.2-123		0.668	19.1	
n-Propylbenzene	8.70		"	10.0		87.0	70.5-127		0.115	23.4	
o-Xylene	8.62		"	10.0		86.2	75.9-122		0.698	19.3	
p- & m- Xylenes	17.5		"	20.0		87.7	77.7-127		0.514	18.6	
p-Isopropyltoluene	8.88		"	10.0		88.8	75.6-129		1.70	19.1	
sec-Butylbenzene	8.60		"	10.0		86.0	71.5-125		1.41	18.9	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	Limit	Flag
Batch BH21105 - EPA 5030B										
LCS Dup (BH21105-BSD1)										
Prepared & Analyzed: 08/27/2012										
Styrene	8.27		ug/L	10.0		82.7 77.8-123		33.3	20.9	Non-dir.
tert-Butylbenzene	9.33		"	10.0		93.3 75.9-151		1.49	20.9	
Tetrachloroethylene	8.16		"	10.0		81.6 63.6-167		4.32	27.7	
Toluene	8.90		"	10.0		89.0 77-123		2.33	18.7	
trans-1,2-Dichloroethylene	9.66		"	10.0		96.6 76.3-139		3.37	19.5	
trans-1,3-Dichloropropylene	9.18		"	10.0		91.8 72.5-137		3.53	19.3	
Trichloroethylene	8.91		"	10.0		89.1 77.9-130		2.99	20.5	
Trichlorofluoromethane	8.94		"	10.0		89.4 57.4-133		0.558	21.4	
Vinyl Chloride	8.98		"	10.0		89.8 54.9-124		2.31	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101 72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.95</i>		<i>"</i>	<i>10.0</i>		<i>99.5 63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102 81.2-127</i>				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21130 - EPA 3010A											
Blank (BH21130-BLK1)											
								Prepared & Analyzed: 08/27/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BH21130-DUP1)											
								Prepared & Analyzed: 08/27/2012			
Iron - Dissolved	0.0238	0.0100	mg/L		0.0245				2.90	20	
Matrix Spike (BH21130-MS1)											
								Prepared & Analyzed: 08/27/2012			
Iron - Dissolved	1.05	0.0100	mg/L	1.00	0.0245	103	75-125				
Reference (BH21130-SRM1)											
								Prepared & Analyzed: 08/27/2012			
Iron - Dissolved	0.260	0.0100	mg/L	0.274		94.8	86.9-115				

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Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21130 - EPA 3010A											
Blank (BH21130-BLK1)											
										Prepared & Analyzed: 08/27/2012	
Iron	ND	0.0100	mg/L								
Manganese	ND	0.00500	"								
Duplicate (BH21130-DUP1)											
*Source sample: 12H0848-01 (GWQ082112:1134FRW-1)										Prepared & Analyzed: 08/27/2012	
Iron	39.2	0.0100	mg/L		38.8					1.03	20
Manganese	0.193	0.00500	"		0.192					0.984	20
Matrix Spike (BH21130-MS1)											
*Source sample: 12H0848-01 (GWQ082112:1134FRW-1)										Prepared & Analyzed: 08/27/2012	
Iron	40.1	0.0100	mg/L	1.00	38.8	131	75-125	High Bias			
Manganese	0.727	0.00500	"	0.500	0.192	107	75-125				
Reference (BH21130-SRM1)											
										Prepared & Analyzed: 08/27/2012	
Iron	0.260	0.0100	mg/L	0.274		94.8	86.9-115				
Manganese	0.901	0.00500	"	0.880		102	89.8-111				

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Anions by EPA Method 300.0 - 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 BH21135 - EPA 300											
Blank (BH21135-BLK1)											
Prepared & Analyzed: 08/24/2012											
Sulfate	ND	1.00	mg/L								
Nitrate as N	ND	0.0500	"								
LCS (BH21135-BS1)											
Prepared & Analyzed: 08/24/2012											
Sulfate	9.82	1.00	mg/L	10.0		98.2	85-115				
Nitrate as N	9.59	0.0500	"	10.0		95.9	90-110				
Reference (BH21135-SRM1)											
Prepared & Analyzed: 08/24/2012											
Nitrate as N	12.7		mg/L	12.7		100	90-110				
Sulfate	19.0		"	18.5		103	90-110				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21093 - Analysis Preparation										
Blank (BH21093-BLK1)							Prepared & Analyzed: 08/27/2012			
Chemical Oxygen Demand (COD)	ND	10	mg/L							
LCS (BH21093-BS1)							Prepared & Analyzed: 08/27/2012			
Chemical Oxygen Demand (COD)	93	10	mg/L	100		92.8		79-128		
Duplicate (BH21093-DUP1) *Source sample: 12H0848-01 (GWQ082112:1134FRW-1)							Prepared & Analyzed: 08/27/2012			
Chemical Oxygen Demand (COD)	39	10	mg/L		34			13.4	20	
Matrix Spike (BH21093-MS1) *Source sample: 12H0848-01 (GWQ082112:1134FRW-1)							Prepared & Analyzed: 08/27/2012			
Chemical Oxygen Demand (COD)	140	10	mg/L	100	34	110		73.3-123		
Batch BH21162 - Analysis Preparation										
Blank (BH21162-BLK1)							Prepared: 08/28/2012 Analyzed: 08/29/2012			
Total Organic Carbon (TOC)	ND	1.00	mg/L							
LCS (BH21162-BS1)							Prepared: 08/28/2012 Analyzed: 08/29/2012			
Total Organic Carbon (TOC)	47.0		mg/L	45.9		102		79.5-125.1		
Duplicate (BH21162-DUP1) *Source sample: 12H0848-01 (GWQ082112:1134FRW-1)							Prepared: 08/28/2012 Analyzed: 08/29/2012			
Total Organic Carbon (TOC)	8.98	1.00	mg/L		8.94			0.480	20	
Matrix Spike (BH21162-MS1) *Source sample: 12H0848-01 (GWQ082112:1134FRW-1)							Prepared: 08/28/2012 Analyzed: 08/29/2012			
Total Organic Carbon (TOC)	29.9		mg/L	20.0	8.94	105		70-130		

Notes and Definitions

- QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
- J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
- HT-02 NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
- B-Dil Detected in method blank(s) associated with the sample analysis. This is a common lab artifact which is found at ND-25 ppb. No dilution factor has been applied to these compounds to eliminate artificially inflated results.
- 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.

Revision Description: On 09/04/12 the client requested that the client sample ID for 12H0848-05 be modified to GWQ082112:1255MW-98-05A.

YORK

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

Field Chain-of-Custody Record

Page 1 of 1
 York Project No. 12 H0848

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.

YOUR Information Company: LBG Inc. Address: 4 Research Dr. Shelton, Ct 06484 Phone No. 203-929-8555 Contact Person: Jude Sandar E-Mail Address: tsandar@logct.com		Report To: Company: Same Address: Same Phone No. Same Attention: Same		Invoice To: Company: Same Address: Same Phone No. Same Attention: Same		YOUR Project ID ROWE Industries. Purchase Order No. NABSAG Samples from: CT NY NJ		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard(5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report <input checked="" type="checkbox"/> PDF Summary w/ QA Summary <input checked="" type="checkbox"/> PDF CT RCP Package <input type="checkbox"/> CTRCP DQA/DUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input checked="" type="checkbox"/> PDF NJDEP Red. Deliv. <input type="checkbox"/> Electronic Data Deliverables (EDD) <input type="checkbox"/> Simple Excel <input checked="" type="checkbox"/> NYSEDEC EQuls <input type="checkbox"/> EQuls (std) <input type="checkbox"/> EZ-EDD (EQuls) <input type="checkbox"/> NJDEP SRP HazSite EDD <input type="checkbox"/> GIS/KEY (std) <input type="checkbox"/> Other <input type="checkbox"/> York Regulatory Comparison <input type="checkbox"/> Excel Spreadsheet <input type="checkbox"/> Compare to the following Regs. (please fill in)			
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles 8260 full TICs 624 Site Spec. STARS list Nassau Co. BTEX Suffolk Co. MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		Semi-Vols 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NUDEP list App. IX TCLP BNA SPLP or TCLP		Metals RCRA8 PPI 3 list TAL CT RCP App. IX Site Spec. SPLP or TCLP Dissolved TCLP Herb Chloridane 608 Pest 608 PCB		Misc. Org TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		Full Lists Ptl. Poll. TCL Organics TAL Med/CN Full TCLP Full App. IX Part 360-Residue Part 360-Residue Part 360-Residue Part 360-Residue NYCEP Sewer NYSEDEC Sewer TAGM Silica		Misc. Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos Silica	

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GW0808212:134FRW-1	8-21-12	GW	VOC's, nitrates, sulfates, manganese, CAD, TOC,	240ml vva, 2 250ml
" :1215 FRW-2			Total and dissolved Fe	plastic, 1 250 ml
" :1338 FRW-3				plastic HND3, 1
" :1421 FRW-4				small plastic HASOY
" :1255MU-95-05A				

Comments Lab for filter address. Fe *	4°C <input checked="" type="checkbox"/> Frozen <input type="checkbox"/> HCl <input checked="" type="checkbox"/> MeOH <input type="checkbox"/> HNO ₃ <input checked="" type="checkbox"/> H ₂ O <input checked="" type="checkbox"/> NaOH <input type="checkbox"/> ZnAc <input type="checkbox"/> Ascorbic Acid <input type="checkbox"/> Other <input type="checkbox"/>	Temperature on Receipt 4.6 °C
	Preservation Check those Applicable Special Instructions Field Filled <input type="checkbox"/> Lab to Filter <input checked="" type="checkbox"/>	Samples Relinquished By: [Signature] Date/Time: 8/21/12 12:50 Samples Received By: [Signature] Date/Time: 8/24/12 14:30

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: 09/04/2012

Client Project ID: Rowe Industries

York Project (SDG) No.: 12H0950

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 09/04/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0950

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 28, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12H0950-01	GWQ82712:1026NP1-1-3	Water	08/27/2012	08/28/2012
12H0950-02	GWQ82712:1058NP1-1-5	Water	08/27/2012	08/28/2012
12H0950-03	GWQ82712:1131NP1-1-8	Water	08/27/2012	08/28/2012
12H0950-04	GWQ82712:1159NP1-1-9	Water	08/27/2012	08/28/2012

General Notes for York Project (SDG) No.: 12H0950

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: 09/04/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: GWQ82712:1026NP1-1-3

York Sample ID: 12H0950-01

York Project (SDG) No.
12H0950

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 10:26 am

Date Received
08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS

Sample Information

Client Sample ID: GWQ82712:1026NP1-1-3

York Sample ID: 12H0950-01

York Project (SDG) No.
12H0950

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 10:26 am

Date Received
08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
91-20-3	Naphthalene	0.13	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	87.4 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	97.1 %			81.2-127						

Sample Information

Client Sample ID: GWQ82712:1026NP1-1-3

York Sample ID: 12H0950-01

<u>York Project (SDG) No.</u> 12H0950	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2012 10:26 am	<u>Date Received</u> 08/28/2012
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Sample Information

Client Sample ID: GWQ82712:1058NP1-1-5

York Sample ID: 12H0950-02

<u>York Project (SDG) No.</u> 12H0950	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> August 27, 2012 10:58 am	<u>Date Received</u> 08/28/2012
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Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS

Sample Information

Client Sample ID: GWQ82712:1058NP1-1-5

York Sample ID: 12H0950-02

York Project (SDG) No.
12H0950

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 10:58 am

Date Received
08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
67-66-3	Chloroform	0.98		ug/L	0.079	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS

Sample Information

Client Sample ID: GWQ82712:1058NP1-1-5

York Sample ID: 12H0950-02

York Project (SDG) No.
12H0950

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 10:58 am

Date Received
08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	90.2 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	97.9 %	81.2-127								

Sample Information

Client Sample ID: GWQ82712:1131NP1-1-8

York Sample ID: 12H0950-03

York Project (SDG) No.
12H0950

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 11:31 am

Date Received
08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS

Sample Information

Client Sample ID: GWQ82712:1131NP1-1-8

York Sample ID: 12H0950-03

York Project (SDG) No.
12H0950

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 11:31 am

Date Received
08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS

Sample Information

Client Sample ID: GWQ82712:1131NP1-1-8

York Sample ID: 12H0950-03

York Project (SDG) No.
12H0950

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 11:31 am

Date Received
08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
127-18-4	Tetrachloroethylene	0.11	J	ug/L	0.070	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	89.2 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	97.4 %	81.2-127								

Sample Information

Client Sample ID: GWQ82712:1159NP1-1-9

York Sample ID: 12H0950-04

York Project (SDG) No.
12H0950

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 11:59 am

Date Received
08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS

Sample Information

Client Sample ID: GWQ82712:1159NP1-1-9

York Sample ID: 12H0950-04

York Project (SDG) No.
12H0950

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 11:59 am

Date Received
08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS

Sample Information

Client Sample ID: GWQ82712:1159NP1-1-9

York Sample ID: 12H0950-04

York Project (SDG) No.
12H0950

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
August 27, 2012 11:59 am

Date Received
08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	86.8 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	97.7 %	81.2-127								

Analytical Batch Summary

Batch ID: BH21171

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0950-01	GWQ82712:1026NP1-1-3	08/29/12
12H0950-02	GWQ82712:1058NP1-1-5	08/29/12
12H0950-03	GWQ82712:1131NP1-1-8	08/29/12
12H0950-04	GWQ82712:1159NP1-1-9	08/29/12
BH21171-BLK1	Blank	08/28/12
BH21171-BS1	LCS	08/28/12
BH21171-BSD1	LCS Dup	08/28/12
BH21171-MS1	Matrix Spike	08/28/12
BH21171-MSD1	Matrix Spike Dup	08/28/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH21171 - EPA 5030B

Blank (BH21171-BLK1)

Prepared: 08/28/2012 Analyzed: 08/29/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.61	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	3.3	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	0.35	2.0	"								
Naphthalene	1.4	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21171 - EPA 5030B											
Blank (BH21171-BLK1)											
Prepared: 08/28/2012 Analyzed: 08/29/2012											
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.00</i>		<i>"</i>	<i>10.0</i>		<i>90.0</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>81.2-127</i>				
LCS (BH21171-BS1)											
Prepared: 08/28/2012 Analyzed: 08/29/2012											
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130				
1,1,1-Trichloroethane	11.2		"	10.0		112	75.6-137				
1,1,2,2-Tetrachloroethane	9.85		"	10.0		98.5	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	71.1-129				
1,1,2-Trichloroethane	10.8		"	10.0		108	74.5-129				
1,1-Dichloroethane	12.2		"	10.0		122	79.6-132				
1,1-Dichloroethylene	12.1		"	10.0		121	80.2-146				
1,1-Dichloropropylene	11.1		"	10.0		111	75-136				
1,2,3-Trichlorobenzene	10.3		"	10.0		103	66.1-136				
1,2,3-Trichloropropane	9.03		"	10.0		90.3	63-131				
1,2,4-Trichlorobenzene	9.67		"	10.0		96.7	70.6-136				
1,2,4-Trimethylbenzene	9.95		"	10.0		99.5	75.3-135				
1,2-Dibromo-3-chloropropane	12.6		"	10.0		126	58.9-140				
1,2-Dibromoethane	10.6		"	10.0		106	79-130				
1,2-Dichlorobenzene	10.0		"	10.0		100	76.1-122				
1,2-Dichloroethane	11.3		"	10.0		113	74.6-132				
1,2-Dichloropropane	11.0		"	10.0		110	76.9-129				
1,3,5-Trimethylbenzene	9.74		"	10.0		97.4	70.6-127				
1,3-Dichlorobenzene	9.65		"	10.0		96.5	77-124				
1,3-Dichloropropane	11.3		"	10.0		113	75.8-126				
1,4-Dichlorobenzene	9.94		"	10.0		99.4	76.6-125				
2,2-Dichloropropane	10.2		"	10.0		102	69-133				
2-Chlorotoluene	9.16		"	10.0		91.6	66.3-119				
2-Hexanone	11.3		"	10.0		113	70-130				
4-Chlorotoluene	9.78		"	10.0		97.8	69.2-127				
Acetone	9.11		"	10.0		91.1	70-130				
Benzene	11.0		"	10.0		110	76.2-129				
Bromobenzene	9.88		"	10.0		98.8	71.3-123				
Bromochloromethane	11.6		"	10.0		116	70.8-137				
Bromodichloromethane	10.8		"	10.0		108	79.7-134				
Bromoform	9.72		"	10.0		97.2	70.5-141				
Bromomethane	11.5		"	10.0		115	43.9-147				
Carbon tetrachloride	11.2		"	10.0		112	78.1-138				
Chlorobenzene	10.7		"	10.0		107	80.4-125				
Chloroethane	11.2		"	10.0		112	55.8-140				
Chloroform	11.5		"	10.0		115	76.6-133				
Chloromethane	10.6		"	10.0		106	48.8-115				
cis-1,2-Dichloroethylene	11.4		"	10.0		114	75.1-128				
cis-1,3-Dichloropropylene	11.0		"	10.0		110	74.5-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21171 - EPA 5030B										
LCS (BH21171-BS1)										
Prepared: 08/28/2012 Analyzed: 08/29/2012										
Dibromochloromethane	10.9		ug/L	10.0		109				
Dibromomethane	10.6		"	10.0		106				
Dichlorodifluoromethane	9.01		"	10.0		90.1				
Ethyl Benzene	11.4		"	10.0		114				
Hexachlorobutadiene	9.58		"	10.0		95.8				
Isopropylbenzene	10.6		"	10.0		106				
Methyl tert-butyl ether (MTBE)	12.4		"	10.0		124				
Methylene chloride	9.69		"	10.0		96.9				
Naphthalene	11.6		"	10.0		116				
n-Butylbenzene	9.83		"	10.0		98.3				
n-Propylbenzene	9.93		"	10.0		99.3				
o-Xylene	10.5		"	10.0		105				
p- & m- Xylenes	21.5		"	20.0		107				
p-Isopropyltoluene	9.95		"	10.0		99.5				
sec-Butylbenzene	9.79		"	10.0		97.9				
Styrene	10.5		"	10.0		105				
tert-Butylbenzene	12.0		"	10.0		120				
Tetrachloroethylene	10.4		"	10.0		104				
Toluene	10.4		"	10.0		104				
trans-1,2-Dichloroethylene	11.6		"	10.0		116				
trans-1,3-Dichloropropylene	10.4		"	10.0		104				
Trichloroethylene	10.5		"	10.0		105				
Trichlorofluoromethane	10.9		"	10.0		109				
Vinyl Chloride	11.0		"	10.0		110				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>8.93</i>		<i>"</i>	<i>10.0</i>		<i>89.3</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	Flag	RPD		
		Limit			Level	Result		Limits	RPD	Limit
Batch BH21171 - EPA 5030B										
LCS Dup (BH21171-BSD1)										
Prepared: 08/28/2012 Analyzed: 08/29/2012										
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0	107	82.3-130		1.22	21.1	
1,1,1-Trichloroethane	11.0		"	10.0	110	75.6-137		1.63	19.7	
1,1,2,2-Tetrachloroethane	10.6		"	10.0	106	71.3-131		6.86	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9		"	10.0	119	71.1-129		2.72	21.7	
1,1,2-Trichloroethane	10.5		"	10.0	105	74.5-129		2.72	20.3	
1,1-Dichloroethane	13.2		"	10.0	132	79.6-132		8.04	20.6	
1,1-Dichloroethylene	12.2		"	10.0	122	80.2-146		1.56	20	
1,1-Dichloropropylene	11.1		"	10.0	111	75-136		0.00	19.3	
1,2,3-Trichlorobenzene	10.6		"	10.0	106	66.1-136		3.24	21.6	
1,2,3-Trichloropropane	10.5		"	10.0	105	63-131		15.4	23.9	
1,2,4-Trichlorobenzene	10.1		"	10.0	101	70.6-136		3.95	21.7	
1,2,4-Trimethylbenzene	10.1		"	10.0	101	75.3-135		1.20	18.8	
1,2-Dibromo-3-chloropropane	12.8		"	10.0	128	58.9-140		1.81	27.7	
1,2-Dibromoethane	10.9		"	10.0	109	79-130		2.32	23	
1,2-Dichlorobenzene	10.5		"	10.0	105	76.1-122		4.57	19.8	
1,2-Dichloroethane	11.9		"	10.0	119	74.6-132		5.01	20.2	
1,2-Dichloropropane	11.0		"	10.0	110	76.9-129		0.273	20.7	
1,3,5-Trimethylbenzene	10.0		"	10.0	100	70.6-127		2.63	18.9	
1,3-Dichlorobenzene	10.0		"	10.0	100	77-124		3.66	19.2	
1,3-Dichloropropane	11.0		"	10.0	110	75.8-126		2.69	22.1	
1,4-Dichlorobenzene	10.4		"	10.0	104	76.6-125		4.14	18.6	
2,2-Dichloropropane	10.2		"	10.0	102	69-133		0.196	19.8	
2-Chlorotoluene	9.51		"	10.0	95.1	66.3-119		3.75	21.6	
2-Hexanone	11.9		"	10.0	119	70-130		5.69	30	
4-Chlorotoluene	10.0		"	10.0	100	69.2-127		2.62	19	
Acetone	7.59		"	10.0	75.9	70-130		18.2	30	
Benzene	11.0		"	10.0	110	76.2-129		0.00	19	
Bromobenzene	10.2		"	10.0	102	71.3-123		3.29	20.3	
Bromochloromethane	11.8		"	10.0	118	70.8-137		1.80	23.9	
Bromodichloromethane	11.1		"	10.0	111	79.7-134		3.10	21	
Bromoform	10.4		"	10.0	104	70.5-141		7.14	21.8	
Bromomethane	11.4		"	10.0	114	43.9-147		0.262	28.4	
Carbon tetrachloride	10.9		"	10.0	109	78.1-138		2.72	20.1	
Chlorobenzene	10.5		"	10.0	105	80.4-125		1.70	19.9	
Chloroethane	11.5		"	10.0	115	55.8-140		2.56	23.3	
Chloroform	11.4		"	10.0	114	76.6-133		0.786	20.3	
Chloromethane	10.5		"	10.0	105	48.8-115		1.51	24.5	
cis-1,2-Dichloroethylene	11.4		"	10.0	114	75.1-128		0.790	20.5	
cis-1,3-Dichloropropylene	10.9		"	10.0	109	74.5-128		0.548	19.9	
Dibromochloromethane	11.0		"	10.0	110	79.8-134		0.0914	21.3	
Dibromomethane	10.5		"	10.0	105	79-130		0.944	22.4	
Dichlorodifluoromethane	9.12		"	10.0	91.2	47.1-101		1.21	23.9	
Ethyl Benzene	11.2		"	10.0	112	80.8-128		1.76	19.2	
Hexachlorobutadiene	9.08		"	10.0	90.8	64.8-128		5.36	20.6	
Isopropylbenzene	10.6		"	10.0	106	75.5-135		0.755	20	
Methyl tert-butyl ether (MTBE)	12.8		"	10.0	128	65.1-140		3.18	23.6	
Methylene chloride	9.78		"	10.0	97.8	61.3-120		0.925	20.4	
Naphthalene	11.5		"	10.0	115	62.3-148		0.781	27.1	
n-Butylbenzene	10.2		"	10.0	102	67.2-123		3.40	19.1	
n-Propylbenzene	10.0		"	10.0	100	70.5-127		1.10	23.4	
o-Xylene	10.4		"	10.0	104	75.9-122		1.05	19.3	
p- & m- Xylenes	21.3		"	20.0	106	77.7-127		0.888	18.6	
p-Isopropyltoluene	10.1		"	10.0	101	75.6-129		1.79	19.1	
sec-Butylbenzene	9.92		"	10.0	99.2	71.5-125		1.32	18.9	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH21171 - EPA 5030B

LCS Dup (BH21171-BSD1)

Prepared: 08/28/2012 Analyzed: 08/29/2012

Styrene	9.91		ug/L	10.0		99.1	77.8-123		5.78	20.9	
tert-Butylbenzene	12.3		"	10.0		123	75.9-151		2.05	20.9	
Tetrachloroethylene	10.1		"	10.0		101	63.6-167		3.02	27.7	
Toluene	10.4		"	10.0		104	77-123		0.192	18.7	
trans-1,2-Dichloroethylene	11.7		"	10.0		117	76.3-139		1.03	19.5	
trans-1,3-Dichloropropylene	10.5		"	10.0		105	72.5-137		1.72	19.3	
Trichloroethylene	10.4		"	10.0		104	77.9-130		0.670	20.5	
Trichlorofluoromethane	10.9		"	10.0		109	57.4-133		0.0918	21.4	
Vinyl Chloride	11.1		"	10.0		111	54.9-124		0.362	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.35</i>		<i>"</i>	<i>10.0</i>		<i>93.5</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.85</i>		<i>"</i>	<i>10.0</i>		<i>98.5</i>	<i>81.2-127</i>				

Matrix Spike (BH21171-MS1)

*Source sample: 12H0950-01 (GWQ82712:1026NP1-1-3)

Prepared: 08/28/2012 Analyzed: 08/30/2012

1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0	ND	101	82-138				
1,1,1-Trichloroethane	10.6		"	10.0	ND	106	85.7-133				
1,1,2,2-Tetrachloroethane	10.2		"	10.0	ND	102	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.26		"	10.0	ND	92.6	74.8-131				
1,1,2-Trichloroethane	10.3		"	10.0	ND	103	82.5-129				
1,1-Dichloroethane	12.6		"	10.0	ND	126	81.4-137				
1,1-Dichloroethylene	9.59		"	10.0	ND	95.9	90-138				
1,1-Dichloropropylene	9.93		"	10.0	ND	99.3	91.7-131				
1,2,3-Trichlorobenzene	10.7		"	10.0	ND	107	75.9-130				
1,2,3-Trichloropropane	8.95		"	10.0	ND	89.5	77.1-140				
1,2,4-Trichlorobenzene	10.2		"	10.0	ND	102	69.8-135				
1,2,4-Trimethylbenzene	9.56		"	10.0	ND	95.6	79.4-131				
1,2-Dibromo-3-chloropropane	12.4		"	10.0	ND	124	66.6-143				
1,2-Dibromoethane	10.7		"	10.0	ND	107	79.8-136				
1,2-Dichlorobenzene	9.62		"	10.0	ND	96.2	79.9-130				
1,2-Dichloroethane	11.3		"	10.0	ND	113	85-133				
1,2-Dichloropropane	10.3		"	10.0	ND	103	81.1-132				
1,3,5-Trimethylbenzene	9.44		"	10.0	ND	94.4	76.1-121				
1,3-Dichlorobenzene	9.38		"	10.0	ND	93.8	79.1-124				
1,3-Dichloropropane	10.6		"	10.0	ND	106	83.3-130				
1,4-Dichlorobenzene	9.31		"	10.0	ND	93.1	79.4-128				
2,2-Dichloropropane	8.30		"	10.0	ND	83.0	54.2-126				
2-Chlorotoluene	8.87		"	10.0	ND	88.7	60.2-144				
2-Hexanone	11.6		"	10.0	ND	116	70-130				
4-Chlorotoluene	9.33		"	10.0	ND	93.3	79.8-128				
Acetone	7.21		"	10.0	ND	72.1	70-130				
Benzene	10.2		"	10.0	ND	102	74.1-134				
Bromobenzene	9.41		"	10.0	ND	94.1	76.6-125				
Bromochloromethane	11.2		"	10.0	ND	112	85-133				
Bromodichloromethane	10.8		"	10.0	ND	108	80.8-143				
Bromoform	9.62		"	10.0	ND	96.2	65.8-164				
Bromomethane	8.02		"	10.0	ND	80.2	68.7-112				
Carbon tetrachloride	10.2		"	10.0	ND	102	85.7-138				
Chlorobenzene	10.2		"	10.0	ND	102	79.9-129				
Chloroethane	7.77		"	10.0	ND	77.7	74.7-127				
Chloroform	10.7		"	10.0	ND	107	50.6-145				
Chloromethane	7.83		"	10.0	ND	78.3	64-111				
cis-1,2-Dichloroethylene	10.6		"	10.0	ND	106	75.5-129				
cis-1,3-Dichloropropylene	10.1		"	10.0	ND	101	74.3-128				
Dibromochloromethane	10.8		"	10.0	ND	108	76.8-150				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	Limit	Flag
Batch BH21171 - EPA 5030B										
Matrix Spike (BH21171-MS1)	*Source sample: 12H0950-01 (GWQ82712:1026NP1-1-3)					Prepared: 08/28/2012 Analyzed: 08/30/2012				
Dibromomethane	10.8		ug/L	10.0	ND	108				
Dichlorodifluoromethane	7.50		"	10.0	ND	75.0				
Ethyl Benzene	10.9		"	10.0	ND	109				
Hexachlorobutadiene	9.41		"	10.0	ND	94.1				
Isopropylbenzene	10.0		"	10.0	ND	100				
Methyl tert-butyl ether (MTBE)	11.3		"	10.0	ND	113				
Methylene chloride	7.59		"	10.0	0.120	74.7				
Naphthalene	10.6		"	10.0	0.130	105				
n-Butylbenzene	9.35		"	10.0	ND	93.5				
n-Propylbenzene	9.31		"	10.0	ND	93.1				
o-Xylene	10.1		"	10.0	ND	101				
p- & m- Xylenes	20.9		"	20.0	ND	104				
p-Isopropyltoluene	9.37		"	10.0	ND	93.7				
sec-Butylbenzene	9.37		"	10.0	ND	93.7				
Styrene	9.90		"	10.0	ND	99.0				
tert-Butylbenzene	11.4		"	10.0	ND	114				
Tetrachloroethylene	9.92		"	10.0	ND	99.2				
Toluene	9.93		"	10.0	ND	99.3				
trans-1,2-Dichloroethylene	9.18		"	10.0	ND	91.8				
trans-1,3-Dichloropropylene	9.87		"	10.0	ND	98.7				
Trichloroethylene	10.0		"	10.0	ND	100				
Trichlorofluoromethane	9.45		"	10.0	ND	94.5				
Vinyl Chloride	7.32		"	10.0	ND	73.2				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.8</i>		<i>"</i>	<i>10.0</i>		<i>108</i>			<i>72.6-129</i>	
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.53</i>		<i>"</i>	<i>10.0</i>		<i>95.3</i>			<i>63.5-145</i>	
<i>Surrogate: Toluene-d8</i>	<i>9.94</i>		<i>"</i>	<i>10.0</i>		<i>99.4</i>			<i>81.2-127</i>	
Matrix Spike Dup (BH21171-MSD1)	*Source sample: 12H0950-01 (GWQ82712:1026NP1-1-3)					Prepared: 08/28/2012 Analyzed: 08/30/2012				
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0	ND	107		5.49	21.3	
1,1,1-Trichloroethane	10.8		"	10.0	ND	108		2.06	22.6	
1,1,2,2-Tetrachloroethane	10.8		"	10.0	ND	108		6.11	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.70		"	10.0	ND	97.0		4.64	25.6	
1,1,2-Trichloroethane	10.6		"	10.0	ND	106		3.73	19.3	
1,1-Dichloroethane	13.0		"	10.0	ND	130		3.44	20.7	
1,1-Dichloroethylene	10.1		"	10.0	ND	101		4.98	22.9	
1,1-Dichloropropylene	10.2		"	10.0	ND	102		2.88	24.9	
1,2,3-Trichlorobenzene	11.1		"	10.0	ND	111		3.76	21.4	
1,2,3-Trichloropropane	10.1		"	10.0	ND	101		11.9	28	
1,2,4-Trichlorobenzene	10.1		"	10.0	ND	101		69.8-135	0.884	22.5
1,2,4-Trimethylbenzene	10.1		"	10.0	ND	101		79.4-131	5.20	33.9
1,2-Dibromo-3-chloropropane	13.4		"	10.0	ND	134		66.6-143	7.35	23.3
1,2-Dibromoethane	10.4		"	10.0	ND	104		79.8-136	3.13	19.1
1,2-Dichlorobenzene	10.2		"	10.0	ND	102		79.9-130	6.34	23.2
1,2-Dichloroethane	11.4		"	10.0	ND	114		85-133	0.353	19.1
1,2-Dichloropropane	10.4		"	10.0	ND	104		81.1-132	0.967	19.9
1,3,5-Trimethylbenzene	9.82		"	10.0	ND	98.2		76.1-121	3.95	31.2
1,3-Dichlorobenzene	9.95		"	10.0	ND	99.5		79.1-124	5.90	22.6
1,3-Dichloropropane	10.9		"	10.0	ND	109		83.3-130	2.80	20.9
1,4-Dichlorobenzene	10.1		"	10.0	ND	101		79.4-128	8.24	21
2,2-Dichloropropane	8.31		"	10.0	ND	83.1		54.2-126	0.120	24.5
2-Chlorotoluene	9.09		"	10.0	ND	90.9		60.2-144	2.45	30.8
2-Hexanone	11.4		"	10.0	ND	114		70-130	1.22	30
4-Chlorotoluene	9.81		"	10.0	ND	98.1		79.8-128	5.02	23.2
Acetone	7.00		"	10.0	ND	70.0		70-130	2.96	30

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21171 - EPA 5030B											
Matrix Spike Dup (BH21171-MSD1)	*Source sample: 12H0950-01 (GWQ82712:1026NP1-1-3)						Prepared: 08/28/2012 Analyzed: 08/30/2012				
Benzene	10.4		ug/L	10.0	ND	104	74.1-134		2.24	20.8	
Bromobenzene	10.0		"	10.0	ND	100	76.6-125		6.08	23	
Bromochloromethane	11.2		"	10.0	ND	112	85-133		0.535	18.4	
Bromodichloromethane	11.0		"	10.0	ND	110	80.8-143		2.57	18.1	
Bromoform	10.6		"	10.0	ND	106	65.8-164		10.2	27.3	
Bromomethane	9.35		"	10.0	ND	93.5	68.7-112		15.3	22.8	
Carbon tetrachloride	10.6		"	10.0	ND	106	85.7-138		4.33	25.1	
Chlorobenzene	10.2		"	10.0	ND	102	79.9-129		0.489	21	
Chloroethane	8.09		"	10.0	ND	80.9	74.7-127		4.04	23.7	
Chloroform	10.9		"	10.0	ND	109	50.6-145		1.20	21.7	
Chloromethane	8.30		"	10.0	ND	83.0	64-111		5.83	21.4	
cis-1,2-Dichloroethylene	10.8		"	10.0	ND	108	75.5-129		1.40	20.2	
cis-1,3-Dichloropropylene	10.1		"	10.0	ND	101	74.3-128		0.0988	19.8	
Dibromochloromethane	11.2		"	10.0	ND	112	76.8-150		3.27	20.8	
Dibromomethane	11.0		"	10.0	ND	110	83.3-140		1.10	20.4	
Dichlorodifluoromethane	7.88		"	10.0	ND	78.8	51-100		4.94	27.6	
Ethyl Benzene	10.9		"	10.0	ND	109	82.9-127		0.183	21.4	
Hexachlorobutadiene	9.87		"	10.0	ND	98.7	73-128		4.77	26	
Isopropylbenzene	10.4		"	10.0	ND	104	78.7-131		4.11	26.7	
Methyl tert-butyl ether (MTBE)	11.8		"	10.0	ND	118	81.2-134		3.89	21.2	
Methylene chloride	7.89		"	10.0	0.120	77.7	57.8-103		3.94	21.2	
Naphthalene	11.8		"	10.0	0.130	116	80.1-122		10.2	26.1	
n-Butylbenzene	9.86		"	10.0	ND	98.6	72.4-120		5.31	30.8	
n-Propylbenzene	9.73		"	10.0	ND	97.3	74-130		4.41	31	
o-Xylene	10.2		"	10.0	ND	102	78.8-122		0.692	21	
p- & m- Xylenes	20.6		"	20.0	ND	103	82.5-123		1.45	22.5	
p-Isopropyltoluene	9.82		"	10.0	ND	98.2	64.9-132		4.69	25.2	
sec-Butylbenzene	9.79		"	10.0	ND	97.9	25.4-151		4.38	25.2	
Styrene	9.95		"	10.0	ND	99.5	74.1-134		0.504	20	
tert-Butylbenzene	12.1		"	10.0	ND	121	79.5-171		5.44	24.8	
Tetrachloroethylene	9.78		"	10.0	ND	97.8	72.5-130		1.42	22.7	
Toluene	10.0		"	10.0	ND	100	77.8-121		1.00	21.5	
trans-1,2-Dichloroethylene	9.89		"	10.0	ND	98.9	83.8-140		7.45	20.1	
trans-1,3-Dichloropropylene	10.0		"	10.0	ND	100	74.9-136		1.51	22.5	
Trichloroethylene	10.2		"	10.0	ND	102	84.4-125		1.29	20.7	
Trichlorofluoromethane	10.2		"	10.0	ND	102	78.7-127		8.02	24.7	
Vinyl Chloride	8.02		"	10.0	ND	80.2	72.1-116		9.13	24.9	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.8</i>		<i>"</i>	<i>10.0</i>		<i>108</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.54</i>		<i>"</i>	<i>10.0</i>		<i>95.4</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.64</i>		<i>"</i>	<i>10.0</i>		<i>96.4</i>	<i>81.2-127</i>				

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

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

Field Chain-of-Custody Record

York Project No. 12H0950

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

Client Information		Report to:		Invoice To:		Client Project ID		Turn-Around Time		Report Type/Deliverables	
Company: <u>LBG</u>	<input type="checkbox"/> SAME	<input type="checkbox"/> SAME	Name: <u>Tunde Sandor</u>	Name: <u>Mark Goldberg</u>	Misc. Org.:	TPH GRO	TPH DRO	TPH DRP	RUSH Same Day	Summary	x, pdf
Address: <u>4 Research Drive,</u>			Company: <u>Same</u>	Company: <u>Same</u>	Metals:	RCRA8	PP13	ITL	RUSH Next Day	QA/QC Summary	x, pdf
Phone no.: <u>203-929-8555</u>			Address:	Address:	Volatiles:	8260 full	624	STARS	RUSH Two Day	CT RCP Pkg	
Contact Person <u>Tunde Sandor</u>					8260 full	624	STARS	BTEX	RUSH Three Day	ASP A Pkg	
E-mail Addr.: <u>tsandor@lbgcl.com</u>					8260 full	624	STARS	MTBE	RUSH Four Day	ASP B Pkg	x, pdf
FAX No.: <u>203-926-9140</u>					8260 full	624	STARS	MTBE	Standard (5-7 days)	Excel	
					8260 full	624	STARS	MTBE	OTHER	EDD	

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

Matrix Codes	Volatiles	Semi-Vols.	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters	Special INSTRUCTIONS
S - soil	TICs	8270 & 625	RCRA8	TPH GRO	Pri. Poll.	Nitrate	Color
Other - specify (oil, etc.)	Site Spec.	808 PCB	PP13	TPH DRO	TCL Organs	Nitrite	Phenols
WW - wastewater	SPL Per TCLP	815 Herb	ITL	CT ETPH	TAL MeCN	TKN	Cyanides-T
GW - groundwater	Benzene	Acids Only	Total	Total	Full TCLP	Total Nitrogen	Cyanides-A
DW - drinking water	Nassau Co.	PAH	App. IX	TPH 418.1	Full App. IX	Sieve Anal.	BOD5
Air-A - ambient air	Suffolk Co.	TAGM	Site Spec.	Air TO14A	Par 360 Toxic	Heteroatoms	Chloride
Air-SV - soil vapor	Kenones	CT RCP	SPL Per TCLP	Air TO15	Par 360 Toxic	TOX	Phosphate
	CT RCP	TCL list	TCLP list	Air STARS	Par 360 Toxic	BTU/lb	Total Phos.
	Arom.	TICs	TCLP Herb	Hg, Pb, As, Cd	Par 360 Toxic	Acidic Tox.	Oil & Grease
	Halog.	App. IX	Chlordane	C, Ni, Ba, Fe	NYCDE Power	TOC	F.O.G.
	App. IX	802 LB list	802 LB list	Ss, Tl, Sb, Cu, Methane	NYCDE Power	Asbestos	pH
	802 LB list			As, Hg, Au, ss, Helium	TAGM	Silica	MBAS
							TPH-JR

Choose Analyses Needed from the Menu Above and Enter Below

Sample Identification	Date Sampled	Sample Matrix	Analysis
<u>6WQ82712.1026NF1-1-3</u>	<u>8/27/12 1026</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B)</u>
<u>6WQ82712.1026NF1-1-5MS</u>	<u>8/27/12 1026</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B)</u>
<u>6WQ82712.1026NF1-1-3MSB</u>	<u>8/27/12 1026</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B)</u>
<u>6WQ82712.1026NF1-1-5</u>	<u>8/27/12 1058</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B)</u>
<u>6WQ82712.1131NF1-1-8</u>	<u>8/27/12 1131</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B)</u>
<u>6WQ82712.1159NF1-1-7</u>	<u>8/27/12 1157</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B)</u>
			<u>VOC 8260 full list (EPA SW846-8260B)</u>
			<u>VOC 8260 full list (EPA SW846-8260B)</u>
			<u>VOC 8260 full list (EPA SW846-8260B)</u>
			<u>VOC 8260 full list (EPA SW846-8260B)</u>
			<u>VOC 8260 full list (EPA SW846-8260B)</u>
			<u>VOC 8260 full list (EPA SW846-8260B)</u>

Comments

Preservation "X" those applicable

Cool 4°C HNO3 H2SO4 NaOH NONE FROZEN

Samples Relinquished By [Signature] Date/Time 8/28/12 1500

Samples Received By [Signature] Date/Time 8/28/12 1620

Samples Relinquished By _____ Date/Time _____

Samples Received in LAB by _____ Date/Time _____

Temperature on Receipt 4.4 °C

APPENDIX III
AUGUST 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: 09/05/2012

Client Project ID: Rowe Industries

York Project (SDG) No.: 12H0975

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 09/05/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0975

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 28, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12H0975-01	AQ82712:1600NP4-1	Vapor Extraction	08/27/2012	08/28/2012
12H0975-02	AQ82712:1605NP4-2	Vapor Extraction	08/27/2012	08/28/2012
12H0975-03	AQ82712:1610NP4-3	Vapor Extraction	08/27/2012	08/28/2012

General Notes for York Project (SDG) No.: 12H0975

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

Approved By:



Robert Q. Bradley
Executive Vice President / Laboratory Director

Date: 09/05/2012

YORK

Sample Information

Client Sample ID: AQ82712:1600NP4-1

York Sample ID: 12H0975-01

York Project (SDG) No.
12H0975

Client Project ID
Rowe Industries

Matrix Collection Date/Time
Vapor Extraction August 27, 2012 4:00 pm

Date Received
08/28/2012

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	7.1		ug/m ³	0.18	1.0	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.30	1.3	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.099	1.4	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.25	1.0	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-34-3	1,1-Dichloroethane	5.1		ug/m ³	0.089	0.74	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-35-4	1,1-Dichloroethylene	0.87		ug/m ³	0.11	0.73	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.30	1.4	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.11	4.5	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.4	1.4	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.28	1.1	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.18	0.74	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.19	0.85	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
76-14-2	1,2-Dichlorotetrafluoroethane	1.3		ug/m ³	0.22	1.3	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.12	1.8	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.12	0.80	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.20	1.1	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.24	1.1	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.60	6.6	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
78-93-3	2-Butanone	ND		ug/m ³	0.22	0.54	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
591-78-6	2-Hexanone	ND		ug/m ³	0.41	1.5	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.27	0.75	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
67-64-1	Acetone	1.6		ug/m ³	0.14	0.44	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
71-43-2	Benzene	0.82		ug/m ³	0.088	0.59	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
100-44-7	Benzyl chloride	ND		ug/m ³	0.11	0.95	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-27-4	Bromodichloromethane	ND		ug/m ³	0.27	1.1	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-25-2	Bromoform	ND		ug/m ³	0.34	1.9	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
74-83-9	Bromomethane	ND		ug/m ³	0.086	0.71	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-15-0	Carbon disulfide	2.8		ug/m ³	0.069	0.57	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.14	0.58	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
108-90-7	Chlorobenzene	ND		ug/m ³	0.15	0.85	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-00-3	Chloroethane	ND		ug/m ³	0.058	0.48	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
67-66-3	Chloroform	2.8		ug/m ³	0.13	0.90	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
74-87-3	Chloromethane	ND		ug/m ³	0.11	0.38	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.12	0.73	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD

Sample Information

Client Sample ID: AQ82712:1600NP4-1

York Sample ID: 12H0975-01

York Project (SDG) No.
12H0975

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
August 27, 2012 4:00 pm

Date Received
08/28/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.21	0.83	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
110-82-7	Cyclohexane	ND		ug/m ³	0.076	0.63	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.5	1.5	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-71-8	Dichlorodifluoromethane	2.3		ug/m ³	0.23	0.91	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
141-78-6	Ethyl acetate	ND		ug/m ³	0.17	0.66	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.14	0.80	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.35	2.0	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
67-63-0	Isopropanol	ND		ug/m ³	0.16	0.45	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.75	0.75	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.079	0.66	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-09-2	Methylene chloride	1.6	B	ug/m ³	0.15	0.64	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
142-82-5	n-Heptane	ND		ug/m ³	0.090	0.75	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
110-54-3	n-Hexane	ND		ug/m ³	0.078	0.65	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
95-47-6	o-Xylene	ND		ug/m ³	0.14	0.80	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m ³	0.27	0.80	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
622-96-8	p-Ethyltoluene	ND		ug/m ³	0.16	4.5	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
115-07-01	Propylene	ND		ug/m ³	0.15	0.32	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
100-42-5	Styrene	ND		ug/m ³	0.14	0.78	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
127-18-4	Tetrachloroethylene	8.5		ug/m ³	0.15	1.2	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
109-99-9	Tetrahydrofuran	ND		ug/m ³	0.14	0.54	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
108-88-3	Toluene	0.83		ug/m ³	0.17	0.69	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.087	0.73	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.15	0.83	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
79-01-6	Trichloroethylene	1.6		ug/m ³	0.12	0.49	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-69-4	Trichlorofluoromethane (Freon 11)	1.8		ug/m ³	0.062	1.0	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
108-05-4	Vinyl acetate	ND		ug/m ³	0.097	1.3	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.11	0.94	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	90.7 %	70-130								

Sample Information

Client Sample ID: AQ82712:1605NP4-2

York Sample ID: 12H0975-02

York Project (SDG) No.
12H0975

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
August 27, 2012 4:05 pm

Date Received
08/28/2012

Sample Information

Client Sample ID: AQ82712:1605NP4-2

York Sample ID: 12H0975-02

York Project (SDG) No.
12H0975

Client Project ID
Rowe Industries

Matrix Collection Date/Time
Vapor Extraction August 27, 2012 4:05 pm

Date Received
08/28/2012

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	11		ug/m ³	0.19	1.1	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.33	1.4	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.11	1.5	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.27	1.1	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-34-3	1,1-Dichloroethane	4.9		ug/m ³	0.096	0.80	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.12	0.78	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.32	1.5	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.12	4.9	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.5	1.5	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.30	1.2	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.19	0.80	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.20	0.91	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.24	1.4	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.13	1.9	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.13	0.86	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.21	1.2	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.26	1.2	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.64	7.1	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
78-93-3	2-Butanone	ND		ug/m ³	0.23	0.58	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
591-78-6	2-Hexanone	ND		ug/m ³	0.45	1.6	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.29	0.81	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
67-64-1	Acetone	6.3		ug/m ³	0.15	0.47	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
71-43-2	Benzene	ND		ug/m ³	0.095	0.63	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
100-44-7	Benzyl chloride	ND		ug/m ³	0.12	1.0	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-27-4	Bromodichloromethane	ND		ug/m ³	0.29	1.2	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-25-2	Bromoform	ND		ug/m ³	0.37	2.0	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
74-83-9	Bromomethane	ND		ug/m ³	0.092	0.77	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-15-0	Carbon disulfide	2.5		ug/m ³	0.074	0.62	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.15	0.62	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
108-90-7	Chlorobenzene	ND		ug/m ³	0.16	0.91	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-00-3	Chloroethane	ND		ug/m ³	0.063	0.52	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
67-66-3	Chloroform	2.4		ug/m ³	0.14	0.97	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
74-87-3	Chloromethane	ND		ug/m ³	0.12	0.41	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
156-59-2	cis-1,2-Dichloroethylene	1.4		ug/m ³	0.13	0.78	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.22	0.90	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD

Sample Information

Client Sample ID: AQ82712:1605NP4-2

York Sample ID: 12H0975-02

York Project (SDG) No.
12H0975

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
August 27, 2012 4:05 pm

Date Received
08/28/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/m ³	0.082	0.68	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.6	1.6	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-71-8	Dichlorodifluoromethane	1.6		ug/m ³	0.24	0.98	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
141-78-6	Ethyl acetate	ND		ug/m ³	0.18	0.71	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.15	0.86	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.38	2.1	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
67-63-0	Isopropanol	ND		ug/m ³	0.17	0.49	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.81	0.81	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.085	0.71	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-09-2	Methylene chloride	1.4	B	ug/m ³	0.16	0.69	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
142-82-5	n-Heptane	ND		ug/m ³	0.097	0.81	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
110-54-3	n-Hexane	ND		ug/m ³	0.084	0.70	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
95-47-6	o-Xylene	ND		ug/m ³	0.15	0.86	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m ³	0.29	0.86	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
622-96-8	p-Ethyltoluene	ND		ug/m ³	0.18	4.9	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
115-07-01	Propylene	ND		ug/m ³	0.16	0.34	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
100-42-5	Styrene	ND		ug/m ³	0.15	0.84	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
127-18-4	Tetrachloroethylene	9.0		ug/m ³	0.16	1.3	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
109-99-9	Tetrahydrofuran	ND		ug/m ³	0.15	0.58	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
108-88-3	Toluene	ND		ug/m ³	0.18	0.75	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.094	0.78	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.16	0.90	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
79-01-6	Trichloroethylene	ND		ug/m ³	0.13	0.53	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-69-4	Trichlorofluoromethane (Freon 11)	1.4		ug/m ³	0.067	1.1	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
108-05-4	Vinyl acetate	ND		ug/m ³	0.10	1.4	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.12	1.0	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
Surrogate Recoveries		Result			Acceptance Range						
460-00-4	Surrogate: p-Bromofluorobenzene	87.7 %			70-130						

Sample Information

Client Sample ID: AQ82712:1610NP4-3

York Sample ID: 12H0975-03

York Project (SDG) No.
12H0975

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
August 27, 2012 4:10 pm

Date Received
08/28/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: AQ82712:1610NP4-3

York Sample ID: 12H0975-03

York Project (SDG) No.
12H0975

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
August 27, 2012 4:10 pm

Date Received
08/28/2012

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	5.7		ug/m ³	0.18	1.0	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.30	1.3	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.099	1.4	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.25	1.0	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-34-3	1,1-Dichloroethane	5.7		ug/m ³	0.090	0.75	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.11	0.73	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.30	1.4	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.11	4.5	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.4	1.4	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.28	1.1	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.18	0.75	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.19	0.85	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.22	1.3	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.12	1.8	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.12	0.80	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.20	1.1	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.24	1.1	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.60	6.6	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
78-93-3	2-Butanone	ND		ug/m ³	0.22	0.54	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
591-78-6	2-Hexanone	ND		ug/m ³	0.42	1.5	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.27	0.76	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
67-64-1	Acetone	1.3		ug/m ³	0.14	0.44	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
71-43-2	Benzene	ND		ug/m ³	0.088	0.59	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
100-44-7	Benzyl chloride	ND		ug/m ³	0.11	0.95	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-27-4	Bromodichloromethane	ND		ug/m ³	0.27	1.1	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-25-2	Bromoform	ND		ug/m ³	0.34	1.9	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
74-83-9	Bromomethane	ND		ug/m ³	0.086	0.72	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-15-0	Carbon disulfide	2.2		ug/m ³	0.069	0.57	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.14	0.58	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
108-90-7	Chlorobenzene	ND		ug/m ³	0.15	0.85	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-00-3	Chloroethane	ND		ug/m ³	0.058	0.49	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
67-66-3	Chloroform	2.3		ug/m ³	0.14	0.90	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
74-87-3	Chloromethane	ND		ug/m ³	0.11	0.38	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.12	0.73	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.21	0.84	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
110-82-7	Cyclohexane	ND		ug/m ³	0.076	0.63	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD

Sample Information

Client Sample ID: AQ82712:1610NP4-3

York Sample ID: 12H0975-03

York Project (SDG) No.
12H0975

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
August 27, 2012 4:10 pm

Date Received
08/28/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/m ³	1.5	1.5	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-71-8	Dichlorodifluoromethane	2.1		ug/m ³	0.23	0.91	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
141-78-6	Ethyl acetate	ND		ug/m ³	0.17	0.66	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.14	0.80	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.35	2.0	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
67-63-0	Isopropanol	ND		ug/m ³	0.16	0.45	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.75	0.75	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.080	0.66	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-09-2	Methylene chloride	1.3	B	ug/m ³	0.15	0.64	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
142-82-5	n-Heptane	ND		ug/m ³	0.091	0.76	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
110-54-3	n-Hexane	ND		ug/m ³	0.078	0.65	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
95-47-6	o-Xylene	ND		ug/m ³	0.14	0.80	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m ³	0.27	0.80	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
622-96-8	p-Ethyltoluene	ND		ug/m ³	0.16	4.5	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
115-07-01	Propylene	ND		ug/m ³	0.15	0.32	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
100-42-5	Styrene	ND		ug/m ³	0.14	0.79	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.15	1.3	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
109-99-9	Tetrahydrofuran	ND		ug/m ³	0.14	0.54	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
108-88-3	Toluene	1.2		ug/m ³	0.17	0.69	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.088	0.73	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.15	0.84	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
79-01-6	Trichloroethylene	ND		ug/m ³	0.12	0.50	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-69-4	Trichlorofluoromethane (Freon 11)	1.2		ug/m ³	0.062	1.0	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
108-05-4	Vinyl acetate	ND		ug/m ³	0.097	1.3	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.11	0.94	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	86.3 %	70-130								

Analytical Batch Summary

Batch ID: BI20046

Preparation Method: EPA TO15 PREP

Prepared By: TD

YORK Sample ID	Client Sample ID	Preparation Date
12H0975-01	AQ82712:1600NP4-1	08/30/12
12H0975-02	AQ82712:1605NP4-2	08/30/12
12H0975-03	AQ82712:1610NP4-3	08/30/12
BI20046-BLK1	Blank	08/30/12
BI20046-BS1	LCS	08/30/12
BI20046-DUP1	Duplicate	08/30/12

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

York Analytical Laboratories, Inc.

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

Batch BI20046 - EPA TO15 PREP

Blank (BI20046-BLK1)

Prepared: 08/30/2012 Analyzed: 08/31/2012

Vinyl Chloride	ND	0.52	ug/m ³						
Vinyl acetate	ND	0.72	"						
Trichloroethylene	ND	0.27	"						
trans-1,3-Dichloropropylene	ND	0.46	"						
trans-1,2-Dichloroethylene	ND	0.40	"						
Toluene	ND	0.38	"						
Tetrahydrofuran	ND	0.30	"						
Tetrachloroethylene	ND	0.69	"						
Styrene	ND	0.43	"						
Propylene	ND	0.18	"						
p-Ethyltoluene	ND	2.5	"						
p- & m- Xylenes	ND	0.44	"						
o-Xylene	ND	0.44	"						
n-Hexane	ND	0.36	"						
n-Heptane	ND	0.42	"						
Methylene chloride	0.42	0.35	"						
Methyl tert-butyl ether (MTBE)	ND	0.37	"						
4-Methyl-2-pentanone	ND	0.42	"						
Isopropanol	ND	0.25	"						
Hexachlorobutadiene	ND	1.1	"						
Ethyl Benzene	ND	0.44	"						
Ethyl acetate	ND	0.37	"						
Cyclohexane	ND	0.35	"						
cis-1,3-Dichloropropylene	ND	0.46	"						
cis-1,2-Dichloroethylene	ND	0.40	"						
Chloromethane	ND	0.21	"						
Chloroform	ND	0.50	"						
Chloroethane	ND	0.27	"						
Carbon tetrachloride	ND	0.32	"						
Carbon disulfide	ND	0.32	"						
Bromomethane	ND	0.39	"						
Bromoform	ND	1.1	"						
Bromodichloromethane	ND	0.63	"						
Benzyl chloride	ND	0.53	"						
Benzene	ND	0.32	"						
Acetone	ND	0.24	"						
2-Hexanone	ND	0.83	"						
2-Butanone	ND	0.30	"						
1,4-Dioxane	ND	3.7	"						
1,4-Dichlorobenzene	ND	0.61	"						
1,3-Dichlorobenzene	ND	0.61	"						
1,3-Butadiene	ND	0.44	"						
1,3,5-Trimethylbenzene	ND	1.0	"						
1,2-Dichlorotetrafluoroethane	ND	0.71	"						
1,2-Dichloropropane	ND	0.47	"						
1,2-Dichloroethane	ND	0.41	"						
1,2-Dichlorobenzene	ND	0.61	"						
1,2,4-Trimethylbenzene	ND	2.5	"						
1,2,4-Trichlorobenzene	ND	0.75	"						
1,1-Dichloroethylene	ND	0.40	"						
1,1-Dichloroethane	ND	0.41	"						
Trichlorofluoromethane (Freon 11)	ND	0.57	"						
1,1,2-Trichloroethane	ND	0.55	"						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"						

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20046 - EPA TO15 PREP										
Blank (BI20046-BLK1)										
Prepared: 08/30/2012 Analyzed: 08/31/2012										
1,1,2,2-Tetrachloroethane	ND	0.70	ug/m ³							
1,1,1-Trichloroethane	ND	0.55	"							
Dichlorodifluoromethane	ND	0.50	"							
1,2-Dibromoethane	ND	0.78	"							
Dibromochloromethane	ND	0.82	"							
Methyl Methacrylate	ND	0.42	"							
Chlorobenzene	ND	0.47	"							
<i>Surrogate: p-Bromofluorobenzene</i>	7.92		ppbv	10.0		79.2	70-130			
LCS (BI20046-BS1)										
Prepared: 08/30/2012 Analyzed: 08/31/2012										
Vinyl Chloride	9.65		ppbv	10.1		95.5	70-130			
Vinyl acetate	0.120		"	9.70		1.24	58.1-135	Low Bias		
Trichloroethylene	10.9		"	10.2		107	70-130			
trans-1,3-Dichloropropylene	9.32		"	9.90		94.1	62-135			
trans-1,2-Dichloroethylene	9.05		"	9.50		95.3	58.3-130			
Toluene	12.5		"	10.8		116	64.9-126			
Tetrahydrofuran	12.0		"	10.2		118	44.6-146			
Tetrachloroethylene	10.8		"	10.5		102	70-130			
Styrene	14.4		"	10.7		134	66.4-132	High Bias		
Propylene	9.73		"	11.0		88.5	62.4-150			
p-Ethyltoluene	12.5		"	10.4		120	73.8-146			
p- & m- Xylenes	26.0		"	21.0		124	56.6-136			
o-Xylene	13.5		"	10.8		125	67.8-133			
n-Hexane	11.2		"	10.3		109	59.7-130			
n-Heptane	12.0		"	10.4		116	62.3-134			
Methylene chloride	8.76		"	10.0		87.6	62.6-130			
Methyl tert-butyl ether (MTBE)	9.49		"	10.2		93.0	60.7-139			
4-Methyl-2-pentanone	10.2		"	10.0		102	64.5-158			
Isopropanol	8.16		"	9.90		82.4	60-150			
Hexachlorobutadiene	11.7		"	11.0		106	61.2-150			
Ethyl Benzene	12.1		"	10.7		113	68.4-125			
Ethyl acetate	14.0		"	10.0		140	40.6-150			
Cyclohexane	10.9		"	10.2		107	60.4-127			
cis-1,3-Dichloropropylene	11.0		"	10.7		103	65.5-129			
cis-1,2-Dichloroethylene	9.75		"	10.5		92.9	51.3-118			
Chloromethane	9.86		"	10.1		97.6	64.9-130			
Chloroform	8.25		"	10.0		82.5	65.1-130			
Chloroethane	10.2		"	10.1		101	52.1-131			
Carbon tetrachloride	7.60		"	10.1		75.2	70-130			
Carbon disulfide	8.89		"	10.0		88.9	61.8-111			
Bromomethane	7.80		"	10.2		76.5	60.1-140			
Bromoform	12.1		"	10.5		116	58.7-150			
Bromodichloromethane	10.6		"	10.2		104	65.3-127			
Benzyl chloride	6.87		"	10.2		67.4	62.5-150			
Benzene	10.3		"	10.4		99.0	69.5-130			
Acetone	9.59		"	10.0		95.9	55.3-133			
2-Hexanone	9.25		"	10.1		91.6	52-150			
2-Butanone	9.09		"	10.0		90.9	28.5-154			
1,4-Dioxane	11.1		"	10.2		109	50-150			
1,4-Dichlorobenzene	13.4		"	10.6		127	62.5-139			
1,3-Dichlorobenzene	12.8		"	10.2		126	71.9-153			
1,3-Butadiene	10.6		"	10.5		101	66.7-127			
1,3,5-Trimethylbenzene	13.0		"	10.6		122	65-152			
1,2-Dichlorotetrafluoroethane	9.33		"	10.1		92.4	63.3-129			

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	Limit	Flag
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Batch BI20046 - EPA TO15 PREP

LCS (BI20046-BS1)

Prepared: 08/30/2012 Analyzed: 08/31/2012

1,2-Dichloropropane	12.6		ppbv	10.7		118		21.3-152		
1,2-Dichloroethane	8.70		"	10.4		83.7		51.2-124		
1,2-Dichlorobenzene	13.0		"	10.6		123		63.7-148		
1,2,4-Trimethylbenzene	13.3		"	10.7		124		67.9-152		
1,2,4-Trichlorobenzene	12.4		"	11.0		113		58-147		
1,1-Dichloroethylene	9.18		"	9.80		93.7		58.1-130		
1,1-Dichloroethane	9.59		"	10.2		94.0		63.3-130		
Trichlorofluoromethane (Freon 11)	8.42		"	10.5		80.2		56-132		
1,1,2-Trichloroethane	11.3		"	10.7		106		66-127		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.30		"	9.70		85.6		60.2-125		
1,1,2,2-Tetrachloroethane	13.5		"	10.8		125		63.7-132		
1,1,1-Trichloroethane	8.16		"	10.4		78.5		58.2-126		
Dichlorodifluoromethane	7.63		"	10.0		76.3		62.8-133		
1,2-Dibromoethane	10.1		"	10.6		95.3		70-130		
Dibromochloromethane	10.5		"	10.6		98.7		70-130		
Methyl Methacrylate	12.1		"	10.1		120		70-130		
Chlorobenzene	11.9		"	10.8		110		67.6-122		
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>		<i>70-130</i>		

Duplicate (BI20046-DUP1)

*Source sample: 12H0975-03 (AQ82712:1610NP4-3)

Prepared: 08/30/2012 Analyzed: 08/31/2012

Vinyl Chloride	ND	0.94	ug/m ³		ND				25	
Vinyl acetate	ND	1.3	"		ND				25	
Trichloroethylene	ND	0.50	"		ND				25	
trans-1,3-Dichloropropylene	ND	0.84	"		ND				25	
trans-1,2-Dichloroethylene	ND	0.73	"		ND				25	
Toluene	1.1	0.69	"		1.2			6.06	25	
Tetrahydrofuran	ND	0.54	"		ND				25	
Tetrachloroethylene	ND	1.3	"		ND				25	
Styrene	ND	0.79	"		ND				25	
Propylene	ND	0.32	"		ND				25	
p-Ethyltoluene	ND	4.5	"		ND				25	
p- & m- Xylenes	ND	0.80	"		ND				25	
o-Xylene	ND	0.80	"		ND				25	
n-Hexane	ND	0.65	"		ND				25	
n-Heptane	ND	0.76	"		ND				25	
Methylene chloride	1.4	0.64	"		1.3			4.65	25	
Methyl tert-butyl ether (MTBE)	ND	0.66	"		ND				25	
4-Methyl-2-pentanone	ND	0.76	"		ND				25	
Isopropanol	ND	0.45	"		ND				25	
Hexachlorobutadiene	ND	2.0	"		ND				25	
Ethyl Benzene	ND	0.80	"		ND				25	
Ethyl acetate	ND	0.66	"		ND				25	
Cyclohexane	ND	0.63	"		ND				25	
cis-1,3-Dichloropropylene	ND	0.84	"		ND				25	
cis-1,2-Dichloroethylene	ND	0.73	"		ND				25	
Chloromethane	ND	0.38	"		ND				25	
Chloroform	2.3	0.90	"		2.3			3.92	25	
Chloroethane	ND	0.49	"		ND				25	
Carbon tetrachloride	ND	0.58	"		ND				25	
Carbon disulfide	2.2	0.57	"		2.2			2.60	25	
Bromomethane	ND	0.72	"		ND				25	
Bromoform	ND	1.9	"		ND				25	
Bromodichloromethane	ND	1.1	"		ND				25	
Benzyl chloride	ND	0.95	"		ND				25	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20046 - EPA TO15 PREP										
Duplicate (BI20046-DUP1)	*Source sample: 12H0975-03 (AQ82712:1610NP4-3)					Prepared: 08/30/2012 Analyzed: 08/31/2012				
Benzene	ND	0.59	ug/m ³		ND				25	
Acetone	1.4	0.44	"		1.3			3.28	25	
2-Hexanone	ND	1.5	"		ND				25	
2-Butanone	ND	0.54	"		ND				25	
1,4-Dioxane	ND	6.6	"		ND				25	
1,4-Dichlorobenzene	ND	1.1	"		ND				25	
1,3-Dichlorobenzene	ND	1.1	"		ND				25	
1,3-Butadiene	ND	0.80	"		ND				25	
1,3,5-Trimethylbenzene	ND	1.8	"		ND				25	
1,2-Dichlorotetrafluoroethane	ND	1.3	"		ND				25	
1,2-Dichloropropane	ND	0.85	"		ND				25	
1,2-Dichloroethane	ND	0.75	"		ND				25	
1,2-Dichlorobenzene	ND	1.1	"		ND				25	
1,2,4-Trimethylbenzene	ND	4.5	"		ND				25	
1,2,4-Trichlorobenzene	ND	1.4	"		ND				25	
1,1-Dichloroethylene	ND	0.73	"		ND				25	
1,1-Dichloroethane	5.9	0.75	"		5.7			3.87	25	
Trichlorofluoromethane (Freon 11)	1.2	1.0	"		1.2			0.00	25	
1,1,2-Trichloroethane	ND	1.0	"		ND				25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.4	"		ND				25	
1,1,2,2-Tetrachloroethane	ND	1.3	"		ND				25	
1,1,1-Trichloroethane	5.9	1.0	"		5.7			3.45	25	
Dichlorodifluoromethane	2.1	0.91	"		2.1			0.00	25	
1,2-Dibromoethane	ND	1.4	"		ND				25	
Dibromochloromethane	ND	1.5	"		ND				25	
Methyl Methacrylate	ND	0.75	"		ND				25	
Chlorobenzene	ND	0.85	"		ND				25	
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.40</i>		<i>ppbv</i>	<i>10.0</i>		<i>94.0</i>	<i>70-130</i>			

Notes and Definitions

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

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

Field Chain-of-Custody Record - 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. **12H0975**

YOUR Information Company: LAG Address: 4 Research Dr. Suite 30 Shelton, CT 06484 Phone No: 203-989-8555 Contact Person: Tunde Sander E-Mail Address: TSander@labct.com		Report To: Company: Same Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR Project ID Rowe Industries Purchase Order No. NABSAG Samples from: CT <u>NY</u> X NJ		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type/Deliverables Summary Report <input checked="" type="checkbox"/> Summary w/ QA Summary <input checked="" type="checkbox"/> CT RCP Package <input checked="" type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B/CLP pkg <input checked="" type="checkbox"/> NJDEP Reduced <input type="checkbox"/> Electronic Deliverables: <input type="checkbox"/> EDD (Specify Type) <input type="checkbox"/> Standard Excel <input checked="" type="checkbox"/> Regulatory Comparison Excel <input type="checkbox"/>	
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Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Air Matrix Codes AI- INDOOR Ambient Air AO- OUTDOOR Amb. Air AE- Vapor Extraction Well/ Process Gas/Effluent AS- SOIL Vapor/Sub-Slab	TO15 Volatiles and Other Gas Analyses EPA TO-14A List Tentatively Identified Compounds	Detection Limits Required < 1 ug/m ³ NYSDEC VI Limits (VI - vapor index) NJDEP low level Routine Survey Other _____	Special Instructions
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Samples Collected/Authorized By (Signature)
[Signature]
Name (printed)
STEPHEN WAT

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg.)	Canister Vacuum After Sampling (in. Hg.)	Check Analyses Needed from the Mean Above and Below Below	Sampling Media
AQ82712.1600N4-1	8/21/12 1600	AE			EPA TO-15 List	6 Liter Sunuma canister Tedlar Bag
AQ82712.1605N4-2	1605	AE				6 Liter Sunuma canister Tedlar Bag
AQ82712.1610N4-3	1610	AE				6 Liter Sunuma canister Tedlar Bag
						6 Liter Sunuma canister Tedlar Bag
						6 Liter Sunuma canister Tedlar Bag
						6 Liter Sunuma canister Tedlar Bag
						6 Liter Sunuma canister Tedlar Bag
						6 Liter Sunuma canister Tedlar Bag
						6 Liter Sunuma canister Tedlar Bag
						6 Liter Sunuma canister Tedlar Bag

Comments

Samples Relinquished By *[Signature]* Date/Time **8/28/12 1300**

Samples Received By *[Signature]* Date/Time **8/28/12 1620**

Samples Relinquished in LAB by _____ Date/Time _____

Samples Received in LAB by _____ Date/Time _____