

APPENDIX B

March and September 2013 Groundwater Laboratory Reports (On CD in attached pocket)

Technical Report

prepared for:

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

Report Date: 03/27/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13C0681

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 03/27/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13C0681

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-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 March 22, 2013 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>
13C0681-01	N-37	Water	03/21/2013	03/22/2013
13C0681-02	N-38	Water	03/21/2013	03/22/2013
13C0681-03	N-39	Water	03/21/2013	03/22/2013

General Notes for York Project (SDG) No.: 13C0681

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
Laboratory Director

Date: 03/27/2013

YORK

Sample Information

Client Sample ID: N-37

York Sample ID: 13C0681-01

York Project (SDG) No.

13C0681

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

March 21, 2013 10:48 am

Date Received

03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/26/2013 08:27	03/27/2013 04:13	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	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	03/26/2013 08:27	03/27/2013 04:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
541-73-1	1,3-Dichlorobenzene	0.10	J	ug/L	0.048	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS

Sample Information

Client Sample ID: N-37

York Sample ID: 13C0681-01

York Project (SDG) No.
13C0681

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 10:48 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/26/2013 08:27	03/27/2013 04:13	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
67-66-3	Chloroform	0.25	J	ug/L	0.079	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:13	SS

Surrogate Recoveries		Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	72.6-129
460-00-4	Surrogate: p-Bromofluorobenzene	110 %	63.5-145
2037-26-5	Surrogate: Toluene-d8	99.9 %	81.2-127

Sample Information

Client Sample ID: N-37					York Sample ID: 13C0681-01
<u>York Project (SDG) No.</u> 13C0681	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 21, 2013 10:48 am	<u>Date Received</u> 03/22/2013	

Sample Information

Client Sample ID: N-38					York Sample ID: 13C0681-02
<u>York Project (SDG) No.</u> 13C0681	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 21, 2013 12:00 pm	<u>Date Received</u> 03/22/2013	

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/26/2013 08:27	03/27/2013 04:49	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
541-73-1	1,3-Dichlorobenzene	0.44	J	ug/L	0.048	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
67-64-1	Acetone	1.8	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS

Sample Information

Client Sample ID: N-38

York Sample ID: 13C0681-02

York Project (SDG) No.
13C0681

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 12:00 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/26/2013 08:27	03/27/2013 04:49	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS

Sample Information

Client Sample ID: N-38

York Sample ID: 13C0681-02

York Project (SDG) No.
13C0681

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 12:00 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/26/2013 08:27	03/27/2013 04:49	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 04:49	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	109 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	102 %		81.2-127							

Sample Information

Client Sample ID: N-39

York Sample ID: 13C0681-03

York Project (SDG) No.
13C0681

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 12:11 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/26/2013 08:27	03/27/2013 05:25	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS

Sample Information

Client Sample ID: N-39

York Sample ID: 13C0681-03

York Project (SDG) No.
13C0681

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 12:11 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/26/2013 08:27	03/27/2013 05:25	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS

Sample Information

Client Sample ID: N-39

York Sample ID: 13C0681-03

York Project (SDG) No.
13C0681

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 12:11 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/26/2013 08:27	03/27/2013 05:25	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
79-01-6	Trichloroethylene	0.12	J	ug/L	0.071	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/26/2013 08:27	03/27/2013 05:25	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	113 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	102 %		81.2-127							

Analytical Batch Summary

Batch ID: BC31269

Preparation Method: EPA 5030B

Prepared By: KH

YORK Sample ID	Client Sample ID	Preparation Date
13C0681-01	N-37	03/26/13
13C0681-02	N-38	03/26/13
13C0681-03	N-39	03/26/13
BC31269-BLK1	Blank	03/26/13
BC31269-BS1	LCS	03/26/13
BC31269-BSD1	LCS Dup	03/26/13

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 BC31269 - EPA 5030B

Blank (BC31269-BLK1)

Prepared & Analyzed: 03/26/2013

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	1.8	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	"
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	0.71	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31269 - EPA 5030B											
Blank (BC31269-BLK1)											
Prepared & Analyzed: 03/26/2013											
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>10.5</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>81.2-127</i>				
LCS (BC31269-BS1)											
Prepared & Analyzed: 03/26/2013											
1,1,1,2-Tetrachloroethane	9.29		ug/L	10.0		92.9	82.3-130				
1,1,1-Trichloroethane	9.48		"	10.0		94.8	75.6-137				
1,1,2,2-Tetrachloroethane	9.97		"	10.0		99.7	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.92		"	10.0		89.2	71.1-129				
1,1,2-Trichloroethane	9.45		"	10.0		94.5	74.5-129				
1,1-Dichloroethane	9.43		"	10.0		94.3	79.6-132				
1,1-Dichloroethylene	8.98		"	10.0		89.8	80.2-146				
1,1-Dichloropropylene	9.24		"	10.0		92.4	75-136				
1,2,3-Trichlorobenzene	9.95		"	10.0		99.5	66.1-136				
1,2,3-Trichloropropane	10.3		"	10.0		103	63-131				
1,2,4-Trichlorobenzene	9.94		"	10.0		99.4	70.6-136				
1,2,4-Trimethylbenzene	8.99		"	10.0		89.9	75.3-135				
1,2-Dibromo-3-chloropropane	14.7		"	10.0		147	58.9-140	High Bias			
1,2-Dibromoethane	9.19		"	10.0		91.9	79-130				
1,2-Dichlorobenzene	9.37		"	10.0		93.7	76.1-122				
1,2-Dichloroethane	9.21		"	10.0		92.1	74.6-132				
1,2-Dichloropropane	9.28		"	10.0		92.8	76.9-129				
1,3,5-Trimethylbenzene	9.12		"	10.0		91.2	70.6-127				
1,3-Dichlorobenzene	9.02		"	10.0		90.2	77-124				
1,3-Dichloropropane	8.88		"	10.0		88.8	75.8-126				
1,4-Dichlorobenzene	9.07		"	10.0		90.7	76.6-125				
2,2-Dichloropropane	8.40		"	10.0		84.0	69-133				
2-Chlorotoluene	9.01		"	10.0		90.1	66.3-119				
2-Hexanone	9.44		"	10.0		94.4	70-130				
4-Chlorotoluene	8.98		"	10.0		89.8	69.2-127				
Acetone	9.53		"	10.0		95.3	70-130				
Benzene	9.31		"	10.0		93.1	76.2-129				
Bromobenzene	9.41		"	10.0		94.1	71.3-123				
Bromochloromethane	8.88		"	10.0		88.8	70.8-137				
Bromodichloromethane	9.16		"	10.0		91.6	79.7-134				
Bromoform	9.56		"	10.0		95.6	70.5-141				
Bromomethane	9.22		"	10.0		92.2	43.9-147				
Carbon tetrachloride	9.50		"	10.0		95.0	78.1-138				
Chlorobenzene	9.41		"	10.0		94.1	80.4-125				
Chloroethane	9.27		"	10.0		92.7	55.8-140				
Chloroform	9.30		"	10.0		93.0	76.6-133				
Chloromethane	9.44		"	10.0		94.4	48.8-115				
cis-1,2-Dichloroethylene	9.10		"	10.0		91.0	75.1-128				
cis-1,3-Dichloropropylene	9.78		"	10.0		97.8	74.5-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31269 - EPA 5030B											
LCS (BC31269-BS1)						Prepared & Analyzed: 03/26/2013					
Dibromochloromethane	9.55		ug/L	10.0		95.5	79.8-134				
Dibromomethane	10.1		"	10.0		101	79-130				
Dichlorodifluoromethane	8.97		"	10.0		89.7	47.1-101				
Ethyl Benzene	9.50		"	10.0		95.0	80.8-128				
Hexachlorobutadiene	9.88		"	10.0		98.8	64.8-128				
Isopropylbenzene	9.30		"	10.0		93.0	75.5-135				
Methyl tert-butyl ether (MTBE)	9.88		"	10.0		98.8	65.1-140				
Methylene chloride	9.85		"	10.0		98.5	61.3-120				
Naphthalene	10.6		"	10.0		106	62.3-148				
n-Butylbenzene	8.82		"	10.0		88.2	67.2-123				
n-Propylbenzene	9.04		"	10.0		90.4	70.5-127				
o-Xylene	9.07		"	10.0		90.7	75.9-122				
p- & m- Xylenes	18.4		"	20.0		91.9	77.7-127				
p-Isopropyltoluene	9.19		"	10.0		91.9	75.6-129				
sec-Butylbenzene	9.43		"	10.0		94.3	71.5-125				
Styrene	9.27		"	10.0		92.7	77.8-123				
tert-Butylbenzene	9.26		"	10.0		92.6	75.9-151				
Tetrachloroethylene	8.98		"	10.0		89.8	63.6-167				
Toluene	9.34		"	10.0		93.4	77-123				
trans-1,2-Dichloroethylene	9.28		"	10.0		92.8	76.3-139				
trans-1,3-Dichloropropylene	9.40		"	10.0		94.0	72.5-137				
Trichloroethylene	9.05		"	10.0		90.5	77.9-130				
Trichlorofluoromethane	9.41		"	10.0		94.1	57.4-133				
Vinyl Chloride	8.56		"	10.0		85.6	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.97</i>		<i>"</i>	<i>10.0</i>		<i>99.7</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.76</i>		<i>"</i>	<i>10.0</i>		<i>97.6</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>81.2-127</i>				

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 BC31269 - EPA 5030B											
LCS Dup (BC31269-BSI1)						Prepared & Analyzed: 03/26/2013					
1,1,1,2-Tetrachloroethane	9.03		ug/L	10.0		90.3	82.3-130		2.84	21.1	
1,1,1-Trichloroethane	9.49		"	10.0		94.9	75.6-137		0.105	19.7	
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	71.3-131		4.32	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.22		"	10.0		92.2	71.1-129		3.31	21.7	
1,1,2-Trichloroethane	9.40		"	10.0		94.0	74.5-129		0.531	20.3	
1,1-Dichloroethane	9.49		"	10.0		94.9	79.6-132		0.634	20.6	
1,1-Dichloroethylene	8.70		"	10.0		87.0	80.2-146		3.17	20	
1,1-Dichloropropylene	9.32		"	10.0		93.2	75-136		0.862	19.3	
1,2,3-Trichlorobenzene	10.5		"	10.0		105	66.1-136		5.76	21.6	
1,2,3-Trichloropropane	11.1		"	10.0		111	63-131		7.46	23.9	
1,2,4-Trichlorobenzene	10.2		"	10.0		102	70.6-136		2.78	21.7	
1,2,4-Trimethylbenzene	9.25		"	10.0		92.5	75.3-135		2.85	18.8	
1,2-Dibromo-3-chloropropane	16.8		"	10.0		168	58.9-140	High Bias	13.4	27.7	
1,2-Dibromoethane	8.97		"	10.0		89.7	79-130		2.42	23	
1,2-Dichlorobenzene	9.85		"	10.0		98.5	76.1-122		4.99	19.8	
1,2-Dichloroethane	9.11		"	10.0		91.1	74.6-132		1.09	20.2	
1,2-Dichloropropane	8.95		"	10.0		89.5	76.9-129		3.62	20.7	
1,3,5-Trimethylbenzene	9.38		"	10.0		93.8	70.6-127		2.81	18.9	
1,3-Dichlorobenzene	9.17		"	10.0		91.7	77-124		1.65	19.2	
1,3-Dichloropropane	9.09		"	10.0		90.9	75.8-126		2.34	22.1	
1,4-Dichlorobenzene	9.58		"	10.0		95.8	76.6-125		5.47	18.6	
2,2-Dichloropropane	8.46		"	10.0		84.6	69-133		0.712	19.8	
2-Chlorotoluene	9.46		"	10.0		94.6	66.3-119		4.87	21.6	
2-Hexanone	9.26		"	10.0		92.6	70-130		1.93	30	
4-Chlorotoluene	9.61		"	10.0		96.1	69.2-127		6.78	19	
Acetone	7.88		"	10.0		78.8	70-130		19.0	30	
Benzene	9.56		"	10.0		95.6	76.2-129		2.65	19	
Bromobenzene	9.79		"	10.0		97.9	71.3-123		3.96	20.3	
Bromochloromethane	9.20		"	10.0		92.0	70.8-137		3.54	23.9	
Bromodichloromethane	9.34		"	10.0		93.4	79.7-134		1.95	21	
Bromoform	10.6		"	10.0		106	70.5-141		10.8	21.8	
Bromomethane	9.06		"	10.0		90.6	43.9-147		1.75	28.4	
Carbon tetrachloride	9.73		"	10.0		97.3	78.1-138		2.39	20.1	
Chlorobenzene	9.14		"	10.0		91.4	80.4-125		2.91	19.9	
Chloroethane	9.39		"	10.0		93.9	55.8-140		1.29	23.3	
Chloroform	9.44		"	10.0		94.4	76.6-133		1.49	20.3	
Chloromethane	9.71		"	10.0		97.1	48.8-115		2.82	24.5	
cis-1,2-Dichloroethylene	9.24		"	10.0		92.4	75.1-128		1.53	20.5	
cis-1,3-Dichloropropylene	9.35		"	10.0		93.5	74.5-128		4.50	19.9	
Dibromochloromethane	9.55		"	10.0		95.5	79.8-134		0.00	21.3	
Dibromomethane	9.53		"	10.0		95.3	79-130		5.51	22.4	
Dichlorodifluoromethane	8.92		"	10.0		89.2	47.1-101		0.559	23.9	
Ethyl Benzene	9.39		"	10.0		93.9	80.8-128		1.16	19.2	
Hexachlorobutadiene	9.50		"	10.0		95.0	64.8-128		3.92	20.6	
Isopropylbenzene	9.73		"	10.0		97.3	75.5-135		4.52	20	
Methyl tert-butyl ether (MTBE)	9.67		"	10.0		96.7	65.1-140		2.15	23.6	
Methylene chloride	9.62		"	10.0		96.2	61.3-120		2.36	20.4	
Naphthalene	11.1		"	10.0		111	62.3-148		5.08	27.1	
n-Butylbenzene	9.08		"	10.0		90.8	67.2-123		2.91	19.1	
n-Propylbenzene	9.65		"	10.0		96.5	70.5-127		6.53	23.4	
o-Xylene	8.86		"	10.0		88.6	75.9-122		2.34	19.3	
p- & m- Xylenes	18.4		"	20.0		91.8	77.7-127		0.109	18.6	
p-Isopropyltoluene	9.84		"	10.0		98.4	75.6-129		6.83	19.1	
sec-Butylbenzene	9.74		"	10.0		97.4	71.5-125		3.23	18.9	

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

York Analytical Laboratories, Inc.

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

Batch BC31269 - EPA 5030B

LCS Dup (BC31269-BSD1)

Prepared & Analyzed: 03/26/2013

Styrene	9.12		ug/L	10.0		91.2	77.8-123		1.63	20.9	
tert-Butylbenzene	9.68		"	10.0		96.8	75.9-151		4.44	20.9	
Tetrachloroethylene	8.94		"	10.0		89.4	63.6-167		0.446	27.7	
Toluene	9.23		"	10.0		92.3	77-123		1.18	18.7	
trans-1,2-Dichloroethylene	9.12		"	10.0		91.2	76.3-139		1.74	19.5	
trans-1,3-Dichloropropylene	9.35		"	10.0		93.5	72.5-137		0.533	19.3	
Trichloroethylene	9.03		"	10.0		90.3	77.9-130		0.221	20.5	
Trichlorofluoromethane	9.65		"	10.0		96.5	57.4-133		2.52	21.4	
Vinyl Chloride	8.55		"	10.0		85.5	54.9-124		0.117	22.3	
Surrogate: 1,2-Dichloroethane-d4	9.74		"	10.0		97.4	72.6-129				
Surrogate: p-Bromofluorobenzene	10.3		"	10.0		103	63.5-145				
Surrogate: Toluene-d8	9.82		"	10.0		98.2	81.2-127				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13C0681-01	N-37	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0681-02	N-38	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0681-03	N-39	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

VOA-CO	The result reported is most likely due to carryover from a previous sample run in the batch. Data user should take note.
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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.



York Project No. 13C0681

[illegible]

Technical Report

prepared for:

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

Report Date: 04/01/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13C0682

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 04/01/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13C0682

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-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 March 22, 2013 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>
13C0682-01	MW28A	Water	03/19/2013	03/22/2013
13C0682-02	MW28B	Water	03/19/2013	03/22/2013
13C0682-03	MW43A	Water	03/20/2013	03/22/2013
13C0682-04	MW43B	Water	03/21/2013	03/22/2013
13C0682-05	MW43C	Water	03/21/2013	03/22/2013
13C0682-06	MW44A	Water	03/19/2013	03/22/2013
13C0682-07	MW44B	Water	03/19/2013	03/22/2013
13C0682-08	MW44C	Water	03/19/2013	03/22/2013
13C0682-09	MW45A	Water	03/19/2013	03/22/2013
13C0682-10	MW46A	Water	03/20/2013	03/22/2013

General Notes for York Project (SDG) No.: 13C0682

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
Laboratory Director

Date: 04/01/2013

YORK

Sample Information

Client Sample ID: MW28A

York Sample ID: 13C0682-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13C0682

Rowe Industries

Water

March 19, 2013 9:40 am

03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 10:39	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	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	03/27/2013 08:20	03/27/2013 10:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS

Sample Information

Client Sample ID: MW28A

York Sample ID: 13C0682-01

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 9:40 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 10:39	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
156-59-2	cis-1,2-Dichloroethylene	1.7		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
91-20-3	Naphthalene	0.15	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
79-01-6	Trichloroethylene	0.34	J	ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 10:39	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.2 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	107 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								

Sample Information

Client Sample ID: MW28A					York Sample ID: 13C0682-01
<u>York Project (SDG) No.</u> 13C0682	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 19, 2013 9:40 am	<u>Date Received</u> 03/22/2013	

Sample Information

Client Sample ID: MW28B					York Sample ID: 13C0682-02
<u>York Project (SDG) No.</u> 13C0682	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 19, 2013 10:10 am	<u>Date Received</u> 03/22/2013	

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 11:15	SS
71-55-6	1,1,1-Trichloroethane	0.23	J	ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS

Sample Information

Client Sample ID: MW28B

York Sample ID: 13C0682-02

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 10:10 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 11:15	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
79-01-6	Trichloroethylene	0.19	J	ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS

Sample Information

Client Sample ID: MW28B

York Sample ID: 13C0682-02

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 10:10 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 11:15	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:15	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	115 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	100 %		81.2-127							

Sample Information

Client Sample ID: MW43A

York Sample ID: 13C0682-03

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 3:44 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 11:51	SS
71-55-6	1,1,1-Trichloroethane	0.54		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	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	03/27/2013 08:20	03/27/2013 11:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
75-34-3	1,1-Dichloroethane	0.28	J	ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS

Sample Information

Client Sample ID: MW43A

York Sample ID: 13C0682-03

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 3:44 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.10	J	ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS

Sample Information

Client Sample ID: MW43A

York Sample ID: 13C0682-03

<u>York Project (SDG) No.</u> 13C0682	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 20, 2013 3:44 pm	<u>Date Received</u> 03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 11:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 11:51	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.8 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	112 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	102 %		81.2-127							

Sample Information

Client Sample ID: MW43B

York Sample ID: 13C0682-04

<u>York Project (SDG) No.</u> 13C0682	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> March 21, 2013 8:10 am	<u>Date Received</u> 03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 12:27	SS
71-55-6	1,1,1-Trichloroethane	1.2		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	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	03/27/2013 08:20	03/27/2013 12:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
75-34-3	1,1-Dichloroethane	0.27	J	ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS

Sample Information

Client Sample ID: MW43B

York Sample ID: 13C0682-04

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 8:10 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 12:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
67-66-3	Chloroform	0.19	J	ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS

Sample Information

Client Sample ID: MW43B

York Sample ID: 13C0682-04

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 8:10 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 12:27	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
127-18-4	Tetrachloroethylene	0.62		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 12:27	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	111 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	100 %	81.2-127								

Sample Information

Client Sample ID: MW43C

York Sample ID: 13C0682-05

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 8:40 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 13:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	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	03/27/2013 08:20	03/27/2013 13:03	SS

Sample Information

Client Sample ID: MW43C

York Sample ID: 13C0682-05

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 8:40 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 13:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
67-66-3	Chloroform	0.55		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS

Sample Information

Client Sample ID: MW43C

York Sample ID: 13C0682-05

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 8:40 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 13:03	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:03	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	114 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	99.1 %	81.2-127								

Sample Information

Client Sample ID: MW44A

York Sample ID: 13C0682-06

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 10:10 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 13:38	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	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	03/27/2013 08:20	03/27/2013 13:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS

Sample Information

Client Sample ID: MW44A

York Sample ID: 13C0682-06

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 10:10 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 13:38	SS
67-66-3	Chloroform	0.19	J	ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
127-18-4	Tetrachloroethylene	0.26	J	ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 13:38	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	108 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								

Sample Information

Client Sample ID: MW44B

York Sample ID: 13C0682-07

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 10:40 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 14:14	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	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	03/27/2013 08:20	03/27/2013 14:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS

Sample Information

Client Sample ID: MW44B

York Sample ID: 13C0682-07

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 10:40 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 14:14	SS
67-66-3	Chloroform	0.33	J	ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:14	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	110 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	103 %	81.2-127								

Sample Information

Client Sample ID: MW44C

York Sample ID: 13C0682-08

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 9:44 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 14:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	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	03/27/2013 08:20	03/27/2013 14:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS

Sample Information

Client Sample ID: MW44C

York Sample ID: 13C0682-08

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 9:44 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 14:50	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 14:50	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	114 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	99.0 %	81.2-127								

Sample Information

Client Sample ID: MW45A

York Sample ID: 13C0682-09

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 12:28 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 15:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	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	03/27/2013 08:20	03/27/2013 15:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS

Sample Information

Client Sample ID: MW45A

York Sample ID: 13C0682-09

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 12:28 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 15:26	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 15:26	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	107 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								

Sample Information

Client Sample ID: MW46A

York Sample ID: 13C0682-10

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 3:19 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 16:02	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	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	03/27/2013 08:20	03/27/2013 16:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS

Sample Information

Client Sample ID: MW46A

York Sample ID: 13C0682-10

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 3:19 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 16:02	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
127-18-4	Tetrachloroethylene	0.23	J	ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
79-01-6	Trichloroethylene	0.15	J	ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:02	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								

Analytical Batch Summary

Batch ID: BC31305

Preparation Method: EPA 5030B

Prepared By: EKM

YORK Sample ID	Client Sample ID	Preparation Date
13C0682-01	MW28A	03/27/13
13C0682-02	MW28B	03/27/13
13C0682-03	MW43A	03/27/13
13C0682-04	MW43B	03/27/13
13C0682-05	MW43C	03/27/13
13C0682-06	MW44A	03/27/13
13C0682-07	MW44B	03/27/13
13C0682-08	MW44C	03/27/13
13C0682-09	MW45A	03/27/13
13C0682-10	MW46A	03/27/13
BC31305-BLK1	Blank	03/27/13
BC31305-BS1	LCS	03/27/13
BC31305-BSD1	LCS Dup	03/27/13

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 BC31305 - EPA 5030B

Blank (BC31305-BLK1)

Prepared & Analyzed: 03/27/2013

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	ND	2.0	"
Naphthalene	0.80	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31305 - EPA 5030B											
Blank (BC31305-BLK1)						Prepared & Analyzed: 03/27/2013					
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>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11.5</i>		<i>"</i>	<i>10.0</i>		<i>115</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 (BC31305-BS1)						Prepared & Analyzed: 03/27/2013					
1,1,1,2-Tetrachloroethane	9.09		ug/L	10.0		90.9	82.3-130				
1,1,1-Trichloroethane	9.33		"	10.0		93.3	75.6-137				
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.91		"	10.0		89.1	71.1-129				
1,1,2-Trichloroethane	9.40		"	10.0		94.0	74.5-129				
1,1-Dichloroethane	9.23		"	10.0		92.3	79.6-132				
1,1-Dichloroethylene	8.78		"	10.0		87.8	80.2-146				
1,1-Dichloropropylene	9.07		"	10.0		90.7	75-136				
1,2,3-Trichlorobenzene	9.47		"	10.0		94.7	66.1-136				
1,2,3-Trichloropropane	10.4		"	10.0		104	63-131				
1,2,4-Trichlorobenzene	9.66		"	10.0		96.6	70.6-136				
1,2,4-Trimethylbenzene	9.35		"	10.0		93.5	75.3-135				
1,2-Dibromo-3-chloropropane	15.0		"	10.0		150	58.9-140	High Bias			
1,2-Dibromoethane	9.69		"	10.0		96.9	79-130				
1,2-Dichlorobenzene	9.61		"	10.0		96.1	76.1-122				
1,2-Dichloroethane	9.41		"	10.0		94.1	74.6-132				
1,2-Dichloropropane	9.27		"	10.0		92.7	76.9-129				
1,3,5-Trimethylbenzene	9.22		"	10.0		92.2	70.6-127				
1,3-Dichlorobenzene	9.14		"	10.0		91.4	77-124				
1,3-Dichloropropane	9.21		"	10.0		92.1	75.8-126				
1,4-Dichlorobenzene	9.17		"	10.0		91.7	76.6-125				
2,2-Dichloropropane	9.76		"	10.0		97.6	69-133				
2-Chlorotoluene	9.13		"	10.0		91.3	66.3-119				
2-Hexanone	9.62		"	10.0		96.2	70-130				
4-Chlorotoluene	9.58		"	10.0		95.8	69.2-127				
Acetone	8.03		"	10.0		80.3	70-130				
Benzene	9.43		"	10.0		94.3	76.2-129				
Bromobenzene	9.28		"	10.0		92.8	71.3-123				
Bromochloromethane	9.18		"	10.0		91.8	70.8-137				
Bromodichloromethane	9.20		"	10.0		92.0	79.7-134				
Bromoform	10.0		"	10.0		100	70.5-141				
Bromomethane	6.38		"	10.0		63.8	43.9-147				
Carbon tetrachloride	10.1		"	10.0		101	78.1-138				
Chlorobenzene	9.18		"	10.0		91.8	80.4-125				
Chloroethane	9.05		"	10.0		90.5	55.8-140				
Chloroform	9.34		"	10.0		93.4	76.6-133				
Chloromethane	7.78		"	10.0		77.8	48.8-115				
cis-1,2-Dichloroethylene	9.24		"	10.0		92.4	75.1-128				
cis-1,3-Dichloropropylene	9.81		"	10.0		98.1	74.5-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31305 - EPA 5030B											
LCS (BC31305-BS1)						Prepared & Analyzed: 03/27/2013					
Dibromochloromethane	9.86		ug/L	10.0		98.6	79.8-134				
Dibromomethane	10.4		"	10.0		104	79-130				
Dichlorodifluoromethane	7.82		"	10.0		78.2	47.1-101				
Ethyl Benzene	9.41		"	10.0		94.1	80.8-128				
Hexachlorobutadiene	9.15		"	10.0		91.5	64.8-128				
Isopropylbenzene	9.36		"	10.0		93.6	75.5-135				
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	65.1-140				
Methylene chloride	9.63		"	10.0		96.3	61.3-120				
Naphthalene	10.0		"	10.0		100	62.3-148				
n-Butylbenzene	8.94		"	10.0		89.4	67.2-123				
n-Propylbenzene	9.31		"	10.0		93.1	70.5-127				
o-Xylene	8.74		"	10.0		87.4	75.9-122				
p- & m- Xylenes	18.5		"	20.0		92.3	77.7-127				
p-Isopropyltoluene	9.36		"	10.0		93.6	75.6-129				
sec-Butylbenzene	9.43		"	10.0		94.3	71.5-125				
Styrene	9.39		"	10.0		93.9	77.8-123				
tert-Butylbenzene	9.27		"	10.0		92.7	75.9-151				
Tetrachloroethylene	8.95		"	10.0		89.5	63.6-167				
Toluene	9.13		"	10.0		91.3	77-123				
trans-1,2-Dichloroethylene	8.91		"	10.0		89.1	76.3-139				
trans-1,3-Dichloropropylene	9.95		"	10.0		99.5	72.5-137				
Trichloroethylene	8.80		"	10.0		88.0	77.9-130				
Trichlorofluoromethane	9.53		"	10.0		95.3	57.4-133				
Vinyl Chloride	8.32		"	10.0		83.2	54.9-124				
<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>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.84</i>		<i>"</i>	<i>10.0</i>		<i>98.4</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 BC31305 - EPA 5030B											
LCS Dup (BC31305-BSD1)						Prepared & Analyzed: 03/27/2013					
1,1,1,2-Tetrachloroethane	8.85		ug/L	10.0		88.5	82.3-130		2.68	21.1	
1,1,1-Trichloroethane	9.52		"	10.0		95.2	75.6-137		2.02	19.7	
1,1,2,2-Tetrachloroethane	9.28		"	10.0		92.8	71.3-131		8.26	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.09		"	10.0		90.9	71.1-129		2.00	21.7	
1,1,2-Trichloroethane	8.94		"	10.0		89.4	74.5-129		5.02	20.3	
1,1-Dichloroethane	9.74		"	10.0		97.4	79.6-132		5.38	20.6	
1,1-Dichloroethylene	8.94		"	10.0		89.4	80.2-146		1.81	20	
1,1-Dichloropropylene	9.43		"	10.0		94.3	75-136		3.89	19.3	
1,2,3-Trichlorobenzene	9.63		"	10.0		96.3	66.1-136		1.68	21.6	
1,2,3-Trichloropropane	10.9		"	10.0		109	63-131		4.59	23.9	
1,2,4-Trichlorobenzene	9.15		"	10.0		91.5	70.6-136		5.42	21.7	
1,2,4-Trimethylbenzene	9.26		"	10.0		92.6	75.3-135		0.967	18.8	
1,2-Dibromo-3-chloropropane	14.1		"	10.0		141	58.9-140	High Bias	6.05	27.7	
1,2-Dibromoethane	8.77		"	10.0		87.7	79-130		9.97	23	
1,2-Dichlorobenzene	9.09		"	10.0		90.9	76.1-122		5.56	19.8	
1,2-Dichloroethane	9.56		"	10.0		95.6	74.6-132		1.58	20.2	
1,2-Dichloropropane	9.15		"	10.0		91.5	76.9-129		1.30	20.7	
1,3,5-Trimethylbenzene	9.24		"	10.0		92.4	70.6-127		0.217	18.9	
1,3-Dichlorobenzene	9.13		"	10.0		91.3	77-124		0.109	19.2	
1,3-Dichloropropane	8.80		"	10.0		88.0	75.8-126		4.55	22.1	
1,4-Dichlorobenzene	9.21		"	10.0		92.1	76.6-125		0.435	18.6	
2,2-Dichloropropane	9.78		"	10.0		97.8	69-133		0.205	19.8	
2-Chlorotoluene	9.08		"	10.0		90.8	66.3-119		0.549	21.6	
2-Hexanone	8.74		"	10.0		87.4	70-130		9.59	30	
4-Chlorotoluene	9.40		"	10.0		94.0	69.2-127		1.90	19	
Acetone	7.50		"	10.0		75.0	70-130		6.83	30	
Benzene	9.51		"	10.0		95.1	76.2-129		0.845	19	
Bromobenzene	9.23		"	10.0		92.3	71.3-123		0.540	20.3	
Bromochloromethane	8.89		"	10.0		88.9	70.8-137		3.21	23.9	
Bromodichloromethane	9.15		"	10.0		91.5	79.7-134		0.545	21	
Bromoform	9.25		"	10.0		92.5	70.5-141		7.99	21.8	
Bromomethane	6.81		"	10.0		68.1	43.9-147		6.52	28.4	
Carbon tetrachloride	10.2		"	10.0		102	78.1-138		0.791	20.1	
Chlorobenzene	9.25		"	10.0		92.5	80.4-125		0.760	19.9	
Chloroethane	9.62		"	10.0		96.2	55.8-140		6.11	23.3	
Chloroform	9.63		"	10.0		96.3	76.6-133		3.06	20.3	
Chloromethane	7.50		"	10.0		75.0	48.8-115		3.66	24.5	
cis-1,2-Dichloroethylene	9.43		"	10.0		94.3	75.1-128		2.04	20.5	
cis-1,3-Dichloropropylene	9.52		"	10.0		95.2	74.5-128		3.00	19.9	
Dibromochloromethane	8.79		"	10.0		87.9	79.8-134		11.5	21.3	
Dibromomethane	10.3		"	10.0		103	79-130		0.579	22.4	
Dichlorodifluoromethane	7.48		"	10.0		74.8	47.1-101		4.44	23.9	
Ethyl Benzene	9.42		"	10.0		94.2	80.8-128		0.106	19.2	
Hexachlorobutadiene	9.62		"	10.0		96.2	64.8-128		5.01	20.6	
Isopropylbenzene	9.48		"	10.0		94.8	75.5-135		1.27	20	
Methyl tert-butyl ether (MTBE)	9.80		"	10.0		98.0	65.1-140		4.20	23.6	
Methylene chloride	9.59		"	10.0		95.9	61.3-120		0.416	20.4	
Naphthalene	9.63		"	10.0		96.3	62.3-148		3.87	27.1	
n-Butylbenzene	9.23		"	10.0		92.3	67.2-123		3.19	19.1	
n-Propylbenzene	9.30		"	10.0		93.0	70.5-127		0.107	23.4	
o-Xylene	8.93		"	10.0		89.3	75.9-122		2.15	19.3	
p- & m- Xylenes	18.9		"	20.0		94.7	77.7-127		2.57	18.6	
p-Isopropyltoluene	9.58		"	10.0		95.8	75.6-129		2.32	19.1	
sec-Butylbenzene	9.44		"	10.0		94.4	71.5-125		0.106	18.9	

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

York Analytical Laboratories, Inc.

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

Batch BC31305 - EPA 5030B

LCS Dup (BC31305-BSD1)

Prepared & Analyzed: 03/27/2013

Styrene	9.17		ug/L	10.0		91.7	77.8-123		2.37	20.9	
tert-Butylbenzene	9.29		"	10.0		92.9	75.9-151		0.216	20.9	
Tetrachloroethylene	8.84		"	10.0		88.4	63.6-167		1.24	27.7	
Toluene	9.11		"	10.0		91.1	77-123		0.219	18.7	
trans-1,2-Dichloroethylene	8.94		"	10.0		89.4	76.3-139		0.336	19.5	
trans-1,3-Dichloropropylene	9.44		"	10.0		94.4	72.5-137		5.26	19.3	
Trichloroethylene	8.99		"	10.0		89.9	77.9-130		2.14	20.5	
Trichlorofluoromethane	9.54		"	10.0		95.4	57.4-133		0.105	21.4	
Vinyl Chloride	8.39		"	10.0		83.9	54.9-124		0.838	22.3	
Surrogate: 1,2-Dichloroethane-d4	10.0		"	10.0		100	72.6-129				
Surrogate: p-Bromofluorobenzene	10.2		"	10.0		102	63.5-145				
Surrogate: Toluene-d8	9.82		"	10.0		98.2	81.2-127				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13C0682-01	MW28A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-02	MW28B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-03	MW43A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-04	MW43B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-05	MW43C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-06	MW44A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-07	MW44B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-08	MW44C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-09	MW45A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-10	MW46A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.



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

YORK
ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

Page 1 of 5

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. 13C0682

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: <u>LBK Inc.</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>
Address: <u>4 Research Dr. Shelton, CT 06484</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>
Phone No. <u>203 929 8355</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>
Contact Person: <u>T. Sander</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>
E-Mail Address: <u>TSander@lbgct.com</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.											
Samples Collected/Authorized By (Signature) <u>[Signature]</u> <u>S. Hunt / E. Allison / C. Colwell</u> Name (printed)											
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor											
Choose Analyses Needed from the Menu Above and Enter Below											
Sample Identification	Date/Time Sampled	Sample Matrix	4°C	Frozen	HCl	MeOH	Ascorbic Acid	HNO ₃	H ₂ SO ₄	NaOH	Temperature on Receipt
MW28A	3/19/13 940	GW									3.7°C
MW28B	3/19/13 1010										
MW43A	3/20/13 1544										
MW43B	3/21/13 810										
MW43C	3/21/13 840										
MW44A	3/19/13 1010										
MW44B	3/19/13 1040										
MW44C	3/19/13 944										
MW45A	3/19/13 1228										
MW46A	3/20/13 1519										
Comments: <u>Due lab report per CAC</u>											
Preservation Instructions: ☐ Field Filtered ☐ Lab to Filter											
Special Instructions: ☐ Field Filtered ☐ Lab to Filter											
Check those Applicable											
Volatiles: <u>8260 full list</u>											
Semi-Volatiles: <u>8270 or 625</u>											
Metals: <u>RCRA8</u>											
Misc. Org.: <u>TPH GRO</u>											
Full Lists: <u>PCB/PCB/Herb</u>											
Misc.: <u>Simple Excel</u>											
Report Type: <u>Summary Report</u>											
Summary w/ QA Summary: <u>Summary</u>											
CT RCP Package: <u>CT RCP Package</u>											
CT RCP DOA/DUE Pkg: <u>CT RCP DOA/DUE Pkg</u>											
NY ASP A Package: <u>NY ASP A Package</u>											
NY ASP B Package: <u>NY ASP B Package</u>											
NIDE Red. Deliv.: <u>NIDE Red. Deliv.</u>											
Electronic Data Deliverables (EDD): <u>Electronic Data Deliverables (EDD)</u>											
Simple Excel: <u>Simple Excel</u>											
NYSEDEC EQulS: <u>NYSEDEC EQulS</u>											
EQulS (std): <u>EQulS (std)</u>											
EZ-EDD (EQulS): <u>EZ-EDD (EQulS)</u>											
NIDE SRP HazSite EDD: <u>NIDE SRP HazSite EDD</u>											
GIS/KEY (std): <u>GIS/KEY (std)</u>											
Other: <u>Other</u>											
York Regulatory Comparison: <u>York Regulatory Comparison</u>											
Excel Spreadsheet: <u>Excel Spreadsheet</u>											
Compare to the following Regs. (please fill in):											
Container Description(s): <u>3V</u>											

Field Chain-of-Custody Record

Page 2 of 5

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. 130682

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type/Deliverables																																																																																																															
Company: <u>LBG Inc.</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>																																																																																																														
Address: <u>4 Research Dr. Suite 201</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>																																																																																																														
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MW46B	3/20/13	1555	8260 Full list	8082 PCB	RCRA8	TPH GRO	Pri. Poll.	Corrosivity	Color																																																																																																																
MW47A	3/21/13	816	8260 Full list	8082 PCB	RCRA8	TPH GRO	Pri. Poll.	Corrosivity	Color																																																																																																																
MW47B	3/21/13	847	8260 Full list	8082 PCB	RCRA8	TPH GRO	Pri. Poll.	Corrosivity	Color																																																																																																																
MW49A	3/20/13	856	8260 Full list	8082 PCB	RCRA8	TPH GRO	Pri. Poll.	Corrosivity	Color																																																																																																																
MW49B	3/20/13	925	8260 Full list	8082 PCB	RCRA8	TPH GRO	Pri. Poll.	Corrosivity	Color																																																																																																																
MW49C	3/20/13	954	8260 Full list	8082 PCB	RCRA8	TPH GRO	Pri. Poll.	Corrosivity	Color																																																																																																																
MW52A	3/19/13	1138	8260 Full list	8082 PCB	RCRA8	TPH GRO	Pri. Poll.	Corrosivity	Color																																																																																																																
MW53	3/19/13	1420	8260 Full list	8082 PCB	RCRA8	TPH GRO	Pri. Poll.	Corrosivity	Color																																																																																																																
MW53 MS	3/19/13	1420	8260 Full list	8082 PCB	RCRA8	TPH GRO	Pri. Poll.	Corrosivity	Color																																																																																																																
MW53 MSD	3/19/13	1420	8260 Full list	8082 PCB	RCRA8	TPH GRO	Pri. Poll.	Corrosivity	Color																																																																																																																
Comments: <u>One lab report per con</u>																																																																																																																									
Preservation: <u>Check those Applicable</u>																																																																																																																									
Temperature on Receipt: <u>3.7°C</u>																																																																																																																									



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

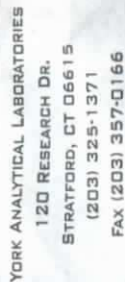
Field Chain-of-Custody Record

Page 3 of 5

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. 13C0682

YOUR INFORMATION		Report To:		Invoice To:		YOUR PROJECT ID		Turn-Around Time		Report Type	
Company: <u>LBG Inc.</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	RUSH - Same Day ☐		RUSH - Next Day ☐		RUSH - Two Day ☐		Summary Report <u>X</u> pdf	
Address: <u>4 Research Dr. Suite 200</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	RUSH - Three Day ☐		RUSH - Four Day ☐		RUSH - Five Day ☐		Summary w/ QA Summary <u>X</u> pdf	
Phone No. <u>203 929 8555</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	RUSH - Six Day ☐		RUSH - Seven Day ☐		RUSH - Eight Day ☐		CT RCP Package	
Contact Person: <u>T. Sander</u>	Attention: <u>same</u>	Attention: <u>same</u>	Attention: <u>same</u>	RUSH - Nine Day ☐		RUSH - Ten Day ☐		RUSH - Eleven Day ☐		CT RCP Package	
E-Mail Address: <u>TSander@lbg-inc.com</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	RUSH - Twelve Day ☐		RUSH - Thirteen Day ☐		RUSH - Fourteen Day ☐		CT RCP Package	
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved. 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 BTX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list Semi-Volatiles 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list Arom. only Halog. only App. IX list 8021B list Metals RCRA8 PP13 list TAL CT15 list TAGM list NIDEF list Total Dissolved SPL for TCLP Indic. 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 Orgs. TAL MatCN Full TCLP Full App. IX Part 360-Routine Part 360-Residue Part 360-Residue Part 360-Residue NYCDEP NYCDEP TACM Silica Misc. Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos Silica				Purchase Order No. <u>NADAG 004.07</u> Samples from: CT <u>NY</u> NJ <u>X</u>		Standard (5-7 Days) ☒		Simple Excel <u>X</u> NYSDEC EQulS EQulS (std) EZ-EDD (EQulS) NIDEF SRP HazSite EDD GIS/KEY (std) Other York Regulatory Comparison Excel Spreadsheet Compare to the following Regs. (please fill in):			
Sample Identification		Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below				Container Description(s)			
MW54	3/19/13 1505	GW	8260 full list				3v				
MW56A	3/19/13 1535										
MW56B	3/19/13 1604										
MW56C	3/20/13 1407										
MW42B	3/19/13 1140										
N2A	3/20/13 1243										
N1B	3/20/13 1209										
N2A	3/20/13 1123										
N2B	3/20/13 1050										
N16	3/21/13 940										
Comments		One has report per coc									
Preservation		4°C	Frozen	HCl	MeOH	Ascorbic Acid	HNO ₃	H ₂ SO ₄	NaOH	Temperature on Receipt	
Check those Applicable										3.7 °C	
Special Instructions		Field Filtered ☐ Lab to Filter ☐									
Samples Relinquished By		<u>Michael Hyman</u> 3/22/13 1333 Samples Received By <u>Cherie</u> 3-22-13 13:52 Samples Relinquished By <u>Grace</u> 3-22-13 15:10 Samples Received in LAB by <u>Grace</u> 3-22-13 15:10									



Field Chain-of-Custody Record

Page 4 of 5

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

York Project No. 1300682

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type					
Company: <u>LIBG Inc.</u> Address: <u>4 Research Dr. Suite 201</u> Phone No. <u>203 929 8555</u> Contact Person: <u>T. Sander</u> E-Mail Address: <u>TSander@LibgInc.com</u>		Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		<u>Rowe Industries</u> <u>Purchase Order No.</u> <u>NABAG-004.07</u> Samples from: CT NY NJ		RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard (5-7 Days) ☒		Summary Report ☒ Summary w/ QA Summary ☒ CT RCP Package ☐ CTRCP DQA/DUE Pkg ☐ NY ASP A Package ☐ NY ASP B Package ☒ NUDEP Red. Deliv. ☐ Electronic Data Deliverables (EDD) ☐ Simple Excel ☒ NYSEDEC EQuIS ☐ EQuIS (std) ☐ EZ-EDD (EQuIS) ☐ NUDEP SRP HazSite EDD ☐ GIS/KEY (std) ☐ Other _____ York Regulatory Comparison ☐ Excel Spreadsheet ☐ Compare to the following Regs. (please fill in): _____					
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.															
Samples Collected/Authorized By (Signature) <u>E. Allison</u> Name (printed) <u>E. Allison / C. Colwell</u>		Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles 624 full 624 STARS list BTEX 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 PP13 list TAL CT15 list TAGM list NUDEP list Total Dissolved SPLP 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 MetCN Full TCLP Full App. IX Part 360-Residue Part 360-Baseline Part 360-Residue Part 360-Residue NYDEP Score NYSEDEC Score TAGM Silica		Misc. Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos	
Choose Analyses Needed from the Menu Above and Enter Below															
Sample Identification N17 N-32 MWB1 MWB2 MWB3 MWB4 MW9801A MW9804 MW9804 MS MW9804 MSD		Date/Time Sampled 3/20/13 1453 3/19/13 1318 3/19/13 1540 3/19/13 1333 3/19/13 1425 3/19/13 1507 3/20/13 943 3/19/13 1258 3/19/13 1258 3/19/13 1258		Sample Matrix GW _____ _____ _____ _____ _____ _____ _____ _____ _____		Preservation Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐		4°C _____ Frozen _____ HCl _____ MeOH _____ Ascorbic Acid _____ Zn Ac _____ HNO ₃ _____ H ₂ SO ₄ _____ NaOH _____ Other _____		Temperature on Receipt 3.7°C					
Comments One Lab report per coc															

Technical Report

prepared for:

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

Report Date: 04/01/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13C0682

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 04/01/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13C0682

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-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 March 22, 2013 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>
13C0682-11	MW46B	Water	03/20/2013	03/22/2013
13C0682-12	MW47A	Water	03/21/2013	03/22/2013
13C0682-13	MW47B	Water	03/21/2013	03/22/2013
13C0682-14	MW49A	Water	03/20/2013	03/22/2013
13C0682-15	MW49B	Water	03/20/2013	03/22/2013
13C0682-16	MW49C	Water	03/20/2013	03/22/2013
13C0682-17	MW52A	Water	03/19/2013	03/22/2013
13C0682-18	MW53	Water	03/19/2013	03/22/2013

General Notes for York Project (SDG) No.: 13C0682

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
Laboratory Director

Date: 04/01/2013

YORK

Sample Information

Client Sample ID: MW46B

York Sample ID: 13C0682-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13C0682

Rowe Industries

Water

March 20, 2013 3:55 pm

03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 16:37	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	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	03/27/2013 08:20	03/27/2013 16:37	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
67-64-1	Acetone	1.5	J	ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS

Sample Information

Client Sample ID: MW46B

York Sample ID: 13C0682-11

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 3:55 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 16:37	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 16:37	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	114 %	63.5-145								

Sample Information

Client Sample ID: MW46B

York Sample ID: 13C0682-11

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 3:55 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: Toluene-d8	104 %			81.2-127						

Sample Information

Client Sample ID: MW47A

York Sample ID: 13C0682-12

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 8:16 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 17:13	SS
71-55-6	1,1,1-Trichloroethane	0.40	J	ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	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	03/27/2013 08:20	03/27/2013 17:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS

Sample Information

Client Sample ID: MW47A

York Sample ID: 13C0682-12

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 8:16 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
127-18-4	Tetrachloroethylene	0.54		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS

Sample Information

Client Sample ID: MW47A

York Sample ID: 13C0682-12

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 8:16 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
79-01-6	Trichloroethylene	1.4		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:13	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	111 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	102 %		81.2-127							

Sample Information

Client Sample ID: MW47B

York Sample ID: 13C0682-13

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 8:47 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 17:49	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	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	03/27/2013 08:20	03/27/2013 17:49	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS

Sample Information

Client Sample ID: MW47B

York Sample ID: 13C0682-13

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 8:47 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 17:49	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS

Sample Information

Client Sample ID: MW47B

York Sample ID: 13C0682-13

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 8:47 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 17:49	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 17:49	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	108 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	100 %			81.2-127						

Sample Information

Client Sample ID: MW49A

York Sample ID: 13C0682-14

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 8:56 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 18:25	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS

Sample Information

Client Sample ID: MW49A

York Sample ID: 13C0682-14

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 8:56 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
67-64-1	Acetone	1.7	J	ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS

Sample Information

Client Sample ID: MW49A

York Sample ID: 13C0682-14

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 8:56 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 18:25	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	113 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	105 %		81.2-127							

Sample Information

Client Sample ID: MW49B

York Sample ID: 13C0682-15

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 9:23 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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

Sample Information

Client Sample ID: MW49B

York Sample ID: 13C0682-15

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 9:23 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 19:01	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	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	03/27/2013 08:20	03/27/2013 19:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS

Sample Information

Client Sample ID: MW49B

York Sample ID: 13C0682-15

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 9:23 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:20	03/27/2013 19:01	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
127-18-4	Tetrachloroethylene	0.51		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:20	03/27/2013 19:01	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	111 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								

Sample Information

Client Sample ID: MW49C

York Sample ID: 13C0682-16

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 9:54 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:15	03/27/2013 17:30	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS

Sample Information

Client Sample ID: MW49C

York Sample ID: 13C0682-16

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 9:54 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:15	03/27/2013 17:30	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
127-18-4	Tetrachloroethylene	0.14	J	ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 17:30	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	120 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								

Sample Information

Client Sample ID: MW52A

York Sample ID: 13C0682-17

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 11:38 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:15	03/27/2013 18:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	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	03/27/2013 08:15	03/27/2013 18:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS

Sample Information

Client Sample ID: MW52A

York Sample ID: 13C0682-17

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 11:38 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:15	03/27/2013 18:08	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:08	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	112 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								

Sample Information

Client Sample ID: MW53

York Sample ID: 13C0682-18

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 2:20 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:15	03/27/2013 18:47	SS
71-55-6	1,1,1-Trichloroethane	0.80		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	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	03/27/2013 08:15	03/27/2013 18:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
75-34-3	1,1-Dichloroethane	0.60		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS

Sample Information

Client Sample ID: MW53

York Sample ID: 13C0682-18

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 2:20 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:15	03/27/2013 18:47	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
127-18-4	Tetrachloroethylene	0.35	J	ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 18:47	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	117 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	103 %	81.2-127								

Analytical Batch Summary

Batch ID: BC31305

Preparation Method: EPA 5030B

Prepared By: EKM

YORK Sample ID	Client Sample ID	Preparation Date
13C0682-11	MW46B	03/27/13
13C0682-12	MW47A	03/27/13
13C0682-13	MW47B	03/27/13
13C0682-14	MW49A	03/27/13
13C0682-15	MW49B	03/27/13
BC31305-BLK1	Blank	03/27/13
BC31305-BS1	LCS	03/27/13
BC31305-BSD1	LCS Dup	03/27/13

Batch ID: BC31323

Preparation Method: EPA 5030B

Prepared By: BK

YORK Sample ID	Client Sample ID	Preparation Date
13C0682-16	MW49C	03/27/13
13C0682-17	MW52A	03/27/13
13C0682-18	MW53	03/27/13
BC31323-BLK1	Blank	03/27/13
BC31323-BS1	LCS	03/27/13
BC31323-BSD1	LCS Dup	03/27/13
BC31323-MS1	Matrix Spike	03/27/13
BC31323-MSD1	Matrix Spike Dup	03/27/13

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 BC31305 - EPA 5030B

Blank (BC31305-BLK1)

Prepared & Analyzed: 03/27/2013

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	ND	2.0	"
Naphthalene	0.80	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31305 - EPA 5030B											
Blank (BC31305-BLK1)						Prepared & Analyzed: 03/27/2013					
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>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11.5</i>		<i>"</i>	<i>10.0</i>		<i>115</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 (BC31305-BS1)						Prepared & Analyzed: 03/27/2013					
1,1,1,2-Tetrachloroethane	9.09		ug/L	10.0		90.9	82.3-130				
1,1,1-Trichloroethane	9.33		"	10.0		93.3	75.6-137				
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.91		"	10.0		89.1	71.1-129				
1,1,2-Trichloroethane	9.40		"	10.0		94.0	74.5-129				
1,1-Dichloroethane	9.23		"	10.0		92.3	79.6-132				
1,1-Dichloroethylene	8.78		"	10.0		87.8	80.2-146				
1,1-Dichloropropylene	9.07		"	10.0		90.7	75-136				
1,2,3-Trichlorobenzene	9.47		"	10.0		94.7	66.1-136				
1,2,3-Trichloropropane	10.4		"	10.0		104	63-131				
1,2,4-Trichlorobenzene	9.66		"	10.0		96.6	70.6-136				
1,2,4-Trimethylbenzene	9.35		"	10.0		93.5	75.3-135				
1,2-Dibromo-3-chloropropane	15.0		"	10.0		150	58.9-140	High Bias			
1,2-Dibromoethane	9.69		"	10.0		96.9	79-130				
1,2-Dichlorobenzene	9.61		"	10.0		96.1	76.1-122				
1,2-Dichloroethane	9.41		"	10.0		94.1	74.6-132				
1,2-Dichloropropane	9.27		"	10.0		92.7	76.9-129				
1,3,5-Trimethylbenzene	9.22		"	10.0		92.2	70.6-127				
1,3-Dichlorobenzene	9.14		"	10.0		91.4	77-124				
1,3-Dichloropropane	9.21		"	10.0		92.1	75.8-126				
1,4-Dichlorobenzene	9.17		"	10.0		91.7	76.6-125				
2,2-Dichloropropane	9.76		"	10.0		97.6	69-133				
2-Chlorotoluene	9.13		"	10.0		91.3	66.3-119				
2-Hexanone	9.62		"	10.0		96.2	70-130				
4-Chlorotoluene	9.58		"	10.0		95.8	69.2-127				
Acetone	8.03		"	10.0		80.3	70-130				
Benzene	9.43		"	10.0		94.3	76.2-129				
Bromobenzene	9.28		"	10.0		92.8	71.3-123				
Bromochloromethane	9.18		"	10.0		91.8	70.8-137				
Bromodichloromethane	9.20		"	10.0		92.0	79.7-134				
Bromoform	10.0		"	10.0		100	70.5-141				
Bromomethane	6.38		"	10.0		63.8	43.9-147				
Carbon tetrachloride	10.1		"	10.0		101	78.1-138				
Chlorobenzene	9.18		"	10.0		91.8	80.4-125				
Chloroethane	9.05		"	10.0		90.5	55.8-140				
Chloroform	9.34		"	10.0		93.4	76.6-133				
Chloromethane	7.78		"	10.0		77.8	48.8-115				
cis-1,2-Dichloroethylene	9.24		"	10.0		92.4	75.1-128				
cis-1,3-Dichloropropylene	9.81		"	10.0		98.1	74.5-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31305 - EPA 5030B											
LCS (BC31305-BS1)						Prepared & Analyzed: 03/27/2013					
Dibromochloromethane	9.86		ug/L	10.0		98.6	79.8-134				
Dibromomethane	10.4		"	10.0		104	79-130				
Dichlorodifluoromethane	7.82		"	10.0		78.2	47.1-101				
Ethyl Benzene	9.41		"	10.0		94.1	80.8-128				
Hexachlorobutadiene	9.15		"	10.0		91.5	64.8-128				
Isopropylbenzene	9.36		"	10.0		93.6	75.5-135				
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	65.1-140				
Methylene chloride	9.63		"	10.0		96.3	61.3-120				
Naphthalene	10.0		"	10.0		100	62.3-148				
n-Butylbenzene	8.94		"	10.0		89.4	67.2-123				
n-Propylbenzene	9.31		"	10.0		93.1	70.5-127				
o-Xylene	8.74		"	10.0		87.4	75.9-122				
p- & m- Xylenes	18.5		"	20.0		92.3	77.7-127				
p-Isopropyltoluene	9.36		"	10.0		93.6	75.6-129				
sec-Butylbenzene	9.43		"	10.0		94.3	71.5-125				
Styrene	9.39		"	10.0		93.9	77.8-123				
tert-Butylbenzene	9.27		"	10.0		92.7	75.9-151				
Tetrachloroethylene	8.95		"	10.0		89.5	63.6-167				
Toluene	9.13		"	10.0		91.3	77-123				
trans-1,2-Dichloroethylene	8.91		"	10.0		89.1	76.3-139				
trans-1,3-Dichloropropylene	9.95		"	10.0		99.5	72.5-137				
Trichloroethylene	8.80		"	10.0		88.0	77.9-130				
Trichlorofluoromethane	9.53		"	10.0		95.3	57.4-133				
Vinyl Chloride	8.32		"	10.0		83.2	54.9-124				
<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>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.84</i>		<i>"</i>	<i>10.0</i>		<i>98.4</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 BC31305 - EPA 5030B											
LCS Dup (BC31305-BSD1)						Prepared & Analyzed: 03/27/2013					
1,1,1,2-Tetrachloroethane	8.85		ug/L	10.0		88.5	82.3-130		2.68	21.1	
1,1,1-Trichloroethane	9.52		"	10.0		95.2	75.6-137		2.02	19.7	
1,1,2,2-Tetrachloroethane	9.28		"	10.0		92.8	71.3-131		8.26	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.09		"	10.0		90.9	71.1-129		2.00	21.7	
1,1,2-Trichloroethane	8.94		"	10.0		89.4	74.5-129		5.02	20.3	
1,1-Dichloroethane	9.74		"	10.0		97.4	79.6-132		5.38	20.6	
1,1-Dichloroethylene	8.94		"	10.0		89.4	80.2-146		1.81	20	
1,1-Dichloropropylene	9.43		"	10.0		94.3	75-136		3.89	19.3	
1,2,3-Trichlorobenzene	9.63		"	10.0		96.3	66.1-136		1.68	21.6	
1,2,3-Trichloropropane	10.9		"	10.0		109	63-131		4.59	23.9	
1,2,4-Trichlorobenzene	9.15		"	10.0		91.5	70.6-136		5.42	21.7	
1,2,4-Trimethylbenzene	9.26		"	10.0		92.6	75.3-135		0.967	18.8	
1,2-Dibromo-3-chloropropane	14.1		"	10.0		141	58.9-140	High Bias	6.05	27.7	
1,2-Dibromoethane	8.77		"	10.0		87.7	79-130		9.97	23	
1,2-Dichlorobenzene	9.09		"	10.0		90.9	76.1-122		5.56	19.8	
1,2-Dichloroethane	9.56		"	10.0		95.6	74.6-132		1.58	20.2	
1,2-Dichloropropane	9.15		"	10.0		91.5	76.9-129		1.30	20.7	
1,3,5-Trimethylbenzene	9.24		"	10.0		92.4	70.6-127		0.217	18.9	
1,3-Dichlorobenzene	9.13		"	10.0		91.3	77-124		0.109	19.2	
1,3-Dichloropropane	8.80		"	10.0		88.0	75.8-126		4.55	22.1	
1,4-Dichlorobenzene	9.21		"	10.0		92.1	76.6-125		0.435	18.6	
2,2-Dichloropropane	9.78		"	10.0		97.8	69-133		0.205	19.8	
2-Chlorotoluene	9.08		"	10.0		90.8	66.3-119		0.549	21.6	
2-Hexanone	8.74		"	10.0		87.4	70-130		9.59	30	
4-Chlorotoluene	9.40		"	10.0		94.0	69.2-127		1.90	19	
Acetone	7.50		"	10.0		75.0	70-130		6.83	30	
Benzene	9.51		"	10.0		95.1	76.2-129		0.845	19	
Bromobenzene	9.23		"	10.0		92.3	71.3-123		0.540	20.3	
Bromochloromethane	8.89		"	10.0		88.9	70.8-137		3.21	23.9	
Bromodichloromethane	9.15		"	10.0		91.5	79.7-134		0.545	21	
Bromoform	9.25		"	10.0		92.5	70.5-141		7.99	21.8	
Bromomethane	6.81		"	10.0		68.1	43.9-147		6.52	28.4	
Carbon tetrachloride	10.2		"	10.0		102	78.1-138		0.791	20.1	
Chlorobenzene	9.25		"	10.0		92.5	80.4-125		0.760	19.9	
Chloroethane	9.62		"	10.0		96.2	55.8-140		6.11	23.3	
Chloroform	9.63		"	10.0		96.3	76.6-133		3.06	20.3	
Chloromethane	7.50		"	10.0		75.0	48.8-115		3.66	24.5	
cis-1,2-Dichloroethylene	9.43		"	10.0		94.3	75.1-128		2.04	20.5	
cis-1,3-Dichloropropylene	9.52		"	10.0		95.2	74.5-128		3.00	19.9	
Dibromochloromethane	8.79		"	10.0		87.9	79.8-134		11.5	21.3	
Dibromomethane	10.3		"	10.0		103	79-130		0.579	22.4	
Dichlorodifluoromethane	7.48		"	10.0		74.8	47.1-101		4.44	23.9	
Ethyl Benzene	9.42		"	10.0		94.2	80.8-128		0.106	19.2	
Hexachlorobutadiene	9.62		"	10.0		96.2	64.8-128		5.01	20.6	
Isopropylbenzene	9.48		"	10.0		94.8	75.5-135		1.27	20	
Methyl tert-butyl ether (MTBE)	9.80		"	10.0		98.0	65.1-140		4.20	23.6	
Methylene chloride	9.59		"	10.0		95.9	61.3-120		0.416	20.4	
Naphthalene	9.63		"	10.0		96.3	62.3-148		3.87	27.1	
n-Butylbenzene	9.23		"	10.0		92.3	67.2-123		3.19	19.1	
n-Propylbenzene	9.30		"	10.0		93.0	70.5-127		0.107	23.4	
o-Xylene	8.93		"	10.0		89.3	75.9-122		2.15	19.3	
p- & m- Xylenes	18.9		"	20.0		94.7	77.7-127		2.57	18.6	
p-Isopropyltoluene	9.58		"	10.0		95.8	75.6-129		2.32	19.1	
sec-Butylbenzene	9.44		"	10.0		94.4	71.5-125		0.106	18.9	

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

York Analytical Laboratories, Inc.

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

Batch BC31305 - EPA 5030B

LCS Dup (BC31305-BSD1)

Prepared & Analyzed: 03/27/2013

Styrene	9.17		ug/L	10.0		91.7	77.8-123		2.37	20.9	
tert-Butylbenzene	9.29		"	10.0		92.9	75.9-151		0.216	20.9	
Tetrachloroethylene	8.84		"	10.0		88.4	63.6-167		1.24	27.7	
Toluene	9.11		"	10.0		91.1	77-123		0.219	18.7	
trans-1,2-Dichloroethylene	8.94		"	10.0		89.4	76.3-139		0.336	19.5	
trans-1,3-Dichloropropylene	9.44		"	10.0		94.4	72.5-137		5.26	19.3	
Trichloroethylene	8.99		"	10.0		89.9	77.9-130		2.14	20.5	
Trichlorofluoromethane	9.54		"	10.0		95.4	57.4-133		0.105	21.4	
Vinyl Chloride	8.39		"	10.0		83.9	54.9-124		0.838	22.3	
Surrogate: 1,2-Dichloroethane-d4	10.0		"	10.0		100	72.6-129				
Surrogate: p-Bromofluorobenzene	10.2		"	10.0		102	63.5-145				
Surrogate: Toluene-d8	9.82		"	10.0		98.2	81.2-127				

Batch BC31323 - EPA 5030B

Blank (BC31323-BLK1)

Prepared & Analyzed: 03/27/2013

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	1.3	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"

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 BC31323 - EPA 5030B

Blank (BC31323-BLK1)

Prepared & Analyzed: 03/27/2013

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	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	"

Surrogate: 1,2-Dichloroethane-d4	11.0	"	10.0	110	72.6-129
Surrogate: p-Bromofluorobenzene	11.6	"	10.0	116	63.5-145
Surrogate: Toluene-d8	9.87	"	10.0	98.7	81.2-127

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result		Limits			Limit	
Batch BC31323 - EPA 5030B											
LCS (BC31323-BS1)			Prepared & Analyzed: 03/27/2013								
1,1,1,2-Tetrachloroethane	9.19		ug/L	10.0		91.9	82.3-130				
1,1,1-Trichloroethane	10.6		"	10.0		106	75.6-137				
1,1,2,2-Tetrachloroethane	9.70		"	10.0		97.0	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.95		"	10.0		99.5	71.1-129				
1,1,2-Trichloroethane	9.05		"	10.0		90.5	74.5-129				
1,1-Dichloroethane	12.1		"	10.0		121	79.6-132				
1,1-Dichloroethylene	9.73		"	10.0		97.3	80.2-146				
1,1-Dichloropropylene	9.62		"	10.0		96.2	75-136				
1,2,3-Trichlorobenzene	10.4		"	10.0		104	66.1-136				
1,2,3-Trichloropropane	9.03		"	10.0		90.3	63-131				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	70.6-136				
1,2,4-Trimethylbenzene	15.6		"	10.0		156	75.3-135	High Bias			
1,2-Dibromo-3-chloropropane	6.91		"	10.0		69.1	58.9-140				
1,2-Dibromoethane	9.65		"	10.0		96.5	79-130				
1,2-Dichlorobenzene	9.69		"	10.0		96.9	76.1-122				
1,2-Dichloroethane	9.95		"	10.0		99.5	74.6-132				
1,2-Dichloropropane	9.11		"	10.0		91.1	76.9-129				
1,3,5-Trimethylbenzene	11.8		"	10.0		118	70.6-127				
1,3-Dichlorobenzene	9.69		"	10.0		96.9	77-124				
1,3-Dichloropropane	8.86		"	10.0		88.6	75.8-126				
1,4-Dichlorobenzene	9.78		"	10.0		97.8	76.6-125				
2,2-Dichloropropane	10.9		"	10.0		109	69-133				
2-Chlorotoluene	9.78		"	10.0		97.8	66.3-119				
2-Hexanone	9.14		"	10.0		91.4	70-130				
4-Chlorotoluene	9.97		"	10.0		99.7	69.2-127				
Acetone	8.28		"	10.0		82.8	70-130				
Benzene	10.5		"	10.0		105	76.2-129				
Bromobenzene	9.15		"	10.0		91.5	71.3-123				
Bromochloromethane	10.2		"	10.0		102	70.8-137				
Bromodichloromethane	9.96		"	10.0		99.6	79.7-134				
Bromoform	9.66		"	10.0		96.6	70.5-141				
Bromomethane	9.98		"	10.0		99.8	43.9-147				
Carbon tetrachloride	10.4		"	10.0		104	78.1-138				
Chlorobenzene	9.68		"	10.0		96.8	80.4-125				
Chloroethane	10.3		"	10.0		103	55.8-140				
Chloroform	10.7		"	10.0		107	76.6-133				
Chloromethane	10.1		"	10.0		101	48.8-115				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	75.1-128				
cis-1,3-Dichloropropylene	9.51		"	10.0		95.1	74.5-128				
Dibromochloromethane	10.1		"	10.0		101	79.8-134				
Dibromomethane	9.67		"	10.0		96.7	79-130				
Dichlorodifluoromethane	11.3		"	10.0		113	47.1-101	High Bias			
Ethyl Benzene	10.4		"	10.0		104	80.8-128				
Hexachlorobutadiene	10.3		"	10.0		103	64.8-128				
Isopropylbenzene	10.4		"	10.0		104	75.5-135				
Methyl tert-butyl ether (MTBE)	12.8		"	10.0		128	65.1-140				
Methylene chloride	9.38		"	10.0		93.8	61.3-120				
Naphthalene	11.6		"	10.0		116	62.3-148				
n-Butylbenzene	10.3		"	10.0		103	67.2-123				
n-Propylbenzene	10.4		"	10.0		104	70.5-127				
o-Xylene	10.1		"	10.0		101	75.9-122				
p- & m- Xylenes	22.7		"	20.0		113	77.7-127				
p-Isopropyltoluene	11.4		"	10.0		114	75.6-129				
sec-Butylbenzene	10.6		"	10.0		106	71.5-125				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31323 - EPA 5030B											
LCS (BC31323-BS1)						Prepared & Analyzed: 03/27/2013					
Styrene	15.8		ug/L	10.0		158	77.8-123	High Bias			
tert-Butylbenzene	10.0		"	10.0		100	75.9-151				
Tetrachloroethylene	9.45		"	10.0		94.5	63.6-167				
Toluene	9.75		"	10.0		97.5	77-123				
trans-1,2-Dichloroethylene	12.5		"	10.0		125	76.3-139				
trans-1,3-Dichloropropylene	9.25		"	10.0		92.5	72.5-137				
Trichloroethylene	9.46		"	10.0		94.6	77.9-130				
Trichlorofluoromethane	10.4		"	10.0		104	57.4-133				
Vinyl Chloride	9.82		"	10.0		98.2	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	10.6		"	10.0		106	72.6-129				
Surrogate: p-Bromofluorobenzene	10.1		"	10.0		101	63.5-145				
Surrogate: Toluene-d8	9.73		"	10.0		97.3	81.2-127				
LCS Dup (BC31323-BS1)						Prepared & Analyzed: 03/27/2013					
1,1,1,2-Tetrachloroethane	9.80		ug/L	10.0		98.0	82.3-130		6.42	21.1	
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137		1.33	19.7	
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	71.3-131		7.25	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.77		"	10.0		97.7	71.1-129		1.83	21.7	
1,1,2-Trichloroethane	9.72		"	10.0		97.2	74.5-129		7.14	20.3	
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132		17.4	20.6	
1,1-Dichloroethylene	9.67		"	10.0		96.7	80.2-146		0.619	20	
1,1-Dichloropropylene	9.68		"	10.0		96.8	75-136		0.622	19.3	
1,2,3-Trichlorobenzene	10.3		"	10.0		103	66.1-136		0.871	21.6	
1,2,3-Trichloropropane	9.41		"	10.0		94.1	63-131		4.12	23.9	
1,2,4-Trichlorobenzene	10.2		"	10.0		102	70.6-136		0.393	21.7	
1,2,4-Trimethylbenzene	15.5		"	10.0		155	75.3-135	High Bias	1.03	18.8	
1,2-Dibromo-3-chloropropane	6.84		"	10.0		68.4	58.9-140		1.02	27.7	
1,2-Dibromoethane	10.2		"	10.0		102	79-130		5.74	23	
1,2-Dichlorobenzene	9.85		"	10.0		98.5	76.1-122		1.64	19.8	
1,2-Dichloroethane	9.84		"	10.0		98.4	74.6-132		1.11	20.2	
1,2-Dichloropropane	9.10		"	10.0		91.0	76.9-129		0.110	20.7	
1,3,5-Trimethylbenzene	11.6		"	10.0		116	70.6-127		1.54	18.9	
1,3-Dichlorobenzene	9.72		"	10.0		97.2	77-124		0.309	19.2	
1,3-Dichloropropane	9.43		"	10.0		94.3	75.8-126		6.23	22.1	
1,4-Dichlorobenzene	9.71		"	10.0		97.1	76.6-125		0.718	18.6	
2,2-Dichloropropane	10.3		"	10.0		103	69-133		5.56	19.8	
2-Chlorotoluene	9.72		"	10.0		97.2	66.3-119		0.615	21.6	
2-Hexanone	9.83		"	10.0		98.3	70-130		7.27	30	
4-Chlorotoluene	9.93		"	10.0		99.3	69.2-127		0.402	19	
Acetone	7.26		"	10.0		72.6	70-130		13.1	30	
Benzene	10.4		"	10.0		104	76.2-129		1.25	19	
Bromobenzene	9.39		"	10.0		93.9	71.3-123		2.59	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		1.28	23.9	
Bromodichloromethane	10.1		"	10.0		101	79.7-134		1.30	21	
Bromoform	11.1		"	10.0		111	70.5-141		13.6	21.8	
Bromomethane	9.96		"	10.0		99.6	43.9-147		0.201	28.4	
Carbon tetrachloride	10.4		"	10.0		104	78.1-138		0.385	20.1	
Chlorobenzene	9.76		"	10.0		97.6	80.4-125		0.823	19.9	
Chloroethane	10.1		"	10.0		101	55.8-140		1.57	23.3	
Chloroform	10.6		"	10.0		106	76.6-133		1.13	20.3	
Chloromethane	9.74		"	10.0		97.4	48.8-115		3.33	24.5	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	75.1-128		0.670	20.5	
cis-1,3-Dichloropropylene	9.83		"	10.0		98.3	74.5-128		3.31	19.9	
Dibromochloromethane	10.8		"	10.0		108	79.8-134		6.63	21.3	

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

York Analytical Laboratories, Inc.

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

Batch BC31323 - EPA 5030B

LCS Dup (BC31323-BSD1)

Prepared & Analyzed: 03/27/2013

Dibromomethane	9.97		ug/L	10.0		99.7	79-130		3.05	22.4	
Dichlorodifluoromethane	10.4		"	10.0		104	47.1-101	High Bias	8.41	23.9	
Ethyl Benzene	10.2		"	10.0		102	80.8-128		1.46	19.2	
Hexachlorobutadiene	10.1		"	10.0		101	64.8-128		1.97	20.6	
Isopropylbenzene	10.4		"	10.0		104	75.5-135		0.577	20	
Methyl tert-butyl ether (MTBE)	9.69		"	10.0		96.9	65.1-140		27.3	23.6	Non-dir.
Methylene chloride	7.32		"	10.0		73.2	61.3-120		24.7	20.4	Non-dir.
Naphthalene	11.8		"	10.0		118	62.3-148		1.97	27.1	
n-Butylbenzene	10.1		"	10.0		101	67.2-123		2.16	19.1	
n-Propylbenzene	10.2		"	10.0		102	70.5-127		2.43	23.4	
o-Xylene	10.0		"	10.0		100	75.9-122		0.298	19.3	
p- & m- Xylenes	22.2		"	20.0		111	77.7-127		1.91	18.6	
p-Isopropyltoluene	11.2		"	10.0		112	75.6-129		1.77	19.1	
sec-Butylbenzene	10.4		"	10.0		104	71.5-125		1.33	18.9	
Styrene	15.6		"	10.0		156	77.8-123	High Bias	1.53	20.9	
tert-Butylbenzene	10.0		"	10.0		100	75.9-151		0.199	20.9	
Tetrachloroethylene	9.38		"	10.0		93.8	63.6-167		0.743	27.7	
Toluene	9.54		"	10.0		95.4	77-123		2.18	18.7	
trans-1,2-Dichloroethylene	9.11		"	10.0		91.1	76.3-139		31.2	19.5	Non-dir.
trans-1,3-Dichloropropylene	9.78		"	10.0		97.8	72.5-137		5.57	19.3	
Trichloroethylene	9.55		"	10.0		95.5	77.9-130		0.947	20.5	
Trichlorofluoromethane	10.4		"	10.0		104	57.4-133		0.00	21.4	
Vinyl Chloride	9.59		"	10.0		95.9	54.9-124		2.37	22.3	
Surrogate: 1,2-Dichloroethane-d4	10.5		"	10.0		105	72.6-129				
Surrogate: p-Bromofluorobenzene	10.1		"	10.0		101	63.5-145				
Surrogate: Toluene-d8	9.79		"	10.0		97.9	81.2-127				

Matrix Spike (BC31323-MS1)

*Source sample: 13C0682-18 (MW53)

Prepared & Analyzed: 03/27/2013

1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0	ND	102	82-138				
1,1,1-Trichloroethane	11.5		"	10.0	0.800	107	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)	9.56		"	10.0	ND	95.6	74.8-131				
1,1,2-Trichloroethane	9.63		"	10.0	ND	96.3	82.5-129				
1,1-Dichloroethane	10.6		"	10.0	0.600	100	81.4-137				
1,1-Dichloroethylene	9.70		"	10.0	ND	97.0	90-138				
1,1-Dichloropropylene	9.92		"	10.0	ND	99.2	91.7-131				
1,2,3-Trichlorobenzene	11.5		"	10.0	ND	115	75.9-130				
1,2,3-Trichloropropane	9.07		"	10.0	ND	90.7	77.1-140				
1,2,4-Trichlorobenzene	11.3		"	10.0	ND	113	69.8-135				
1,2,4-Trimethylbenzene	16.3		"	10.0	ND	163	79.4-131	High Bias			
1,2-Dibromo-3-chloropropane	7.04		"	10.0	ND	70.4	66.6-143				
1,2-Dibromoethane	10.2		"	10.0	ND	102	79.8-136				
1,2-Dichlorobenzene	10.2		"	10.0	ND	102	79.9-130				
1,2-Dichloroethane	9.81		"	10.0	ND	98.1	85-133				
1,2-Dichloropropane	9.46		"	10.0	ND	94.6	81.1-132				
1,3,5-Trimethylbenzene	12.4		"	10.0	ND	124	76.1-121	High Bias			
1,3-Dichlorobenzene	10.2		"	10.0	ND	102	79.1-124				
1,3-Dichloropropane	9.45		"	10.0	ND	94.5	83.3-130				
1,4-Dichlorobenzene	10.4		"	10.0	ND	104	79.4-128				
2,2-Dichloropropane	8.92		"	10.0	ND	89.2	54.2-126				
2-Chlorotoluene	10.1		"	10.0	ND	101	60.2-144				
2-Hexanone	9.17		"	10.0	ND	91.7	70-130				
4-Chlorotoluene	10.4		"	10.0	ND	104	79.8-128				
Acetone	7.27		"	10.0	ND	72.7	70-130				

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 BC31323 - EPA 5030B											
Matrix Spike (BC31323-MS1)	*Source sample: 13C0682-18 (MW53)						Prepared & Analyzed: 03/27/2013				
Benzene	10.4		ug/L	10.0	ND	104	74.1-134				
Bromobenzene	9.37		"	10.0	ND	93.7	76.6-125				
Bromochloromethane	10.0		"	10.0	ND	100	85-133				
Bromodichloromethane	10.2		"	10.0	ND	102	80.8-143				
Bromoform	10.7		"	10.0	ND	107	65.8-164				
Bromomethane	5.48		"	10.0	ND	54.8	68.7-112	Low Bias			
Carbon tetrachloride	10.7		"	10.0	ND	107	85.7-138				
Chlorobenzene	10.1		"	10.0	ND	101	79.9-129				
Chloroethane	9.65		"	10.0	ND	96.5	74.7-127				
Chloroform	10.6		"	10.0	ND	106	50.6-145				
Chloromethane	8.50		"	10.0	ND	85.0	64-111				
cis-1,2-Dichloroethylene	10.7		"	10.0	ND	107	75.5-129				
cis-1,3-Dichloropropylene	9.89		"	10.0	ND	98.9	74.3-128				
Dibromochloromethane	10.4		"	10.0	ND	104	76.8-150				
Dibromomethane	9.84		"	10.0	ND	98.4	83.3-140				
Dichlorodifluoromethane	7.10		"	10.0	ND	71.0	51-100				
Ethyl Benzene	10.9		"	10.0	ND	109	82.9-127				
Hexachlorobutadiene	11.2		"	10.0	ND	112	73-128				
Isopropylbenzene	11.0		"	10.0	ND	110	78.7-131				
Methyl tert-butyl ether (MTBE)	9.36		"	10.0	0.140	92.2	81.2-134				
Methylene chloride	9.09		"	10.0	ND	90.9	57.8-103				
Naphthalene	12.1		"	10.0	ND	121	80.1-122				
n-Butylbenzene	11.2		"	10.0	ND	112	72.4-120				
n-Propylbenzene	11.0		"	10.0	ND	110	74-130				
o-Xylene	10.7		"	10.0	ND	107	78.8-122				
p- & m- Xylenes	23.9		"	20.0	ND	120	82.5-123				
p-Isopropyltoluene	12.3		"	10.0	ND	123	64.9-132				
sec-Butylbenzene	11.3		"	10.0	ND	113	25.4-151				
Styrene	16.8		"	10.0	ND	168	74.1-134	High Bias			
tert-Butylbenzene	10.7		"	10.0	ND	107	79.5-171				
Tetrachloroethylene	10.4		"	10.0	0.350	101	72.5-130				
Toluene	10.3		"	10.0	ND	103	77.8-121				
trans-1,2-Dichloroethylene	9.50		"	10.0	ND	95.0	83.8-140				
trans-1,3-Dichloropropylene	9.56		"	10.0	ND	95.6	74.9-136				
Trichloroethylene	10.2		"	10.0	ND	102	84.4-125				
Trichlorofluoromethane	9.85		"	10.0	ND	98.5	78.7-127				
Vinyl Chloride	8.41		"	10.0	ND	84.1	72.1-116				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.94</i>		<i>"</i>	<i>10.0</i>		<i>99.4</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>81.2-127</i>				

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 BC31323 - EPA 5030B											
Matrix Spike Dup (BC31323-MSD1)	*Source sample: 13C0682-18 (MW53)						Prepared & Analyzed: 03/27/2013				
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0	ND	101	82-138		1.48	21.3	
1,1,1-Trichloroethane	11.8		"	10.0	0.800	110	85.7-133		2.95	22.6	
1,1,2,2-Tetrachloroethane	10.2		"	10.0	ND	102	78.6-136		0.00	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.78		"	10.0	ND	97.8	74.8-131		2.28	25.6	
1,1,2-Trichloroethane	9.69		"	10.0	ND	96.9	82.5-129		0.621	19.3	
1,1-Dichloroethane	10.8		"	10.0	0.600	102	81.4-137		1.48	20.7	
1,1-Dichloroethylene	9.86		"	10.0	ND	98.6	90-138		1.64	22.9	
1,1-Dichloropropylene	10.1		"	10.0	ND	101	91.7-131		2.00	24.9	
1,2,3-Trichlorobenzene	12.0		"	10.0	ND	120	75.9-130		4.01	21.4	
1,2,3-Trichloropropane	9.18		"	10.0	ND	91.8	77.1-140		1.21	28	
1,2,4-Trichlorobenzene	11.9		"	10.0	ND	119	69.8-135		5.27	22.5	
1,2,4-Trimethylbenzene	16.9		"	10.0	ND	169	79.4-131	High Bias	3.55	33.9	
1,2-Dibromo-3-chloropropane	6.66		"	10.0	ND	66.6	66.6-143		5.55	23.3	
1,2-Dibromoethane	10.0		"	10.0	ND	100	79.8-136		2.07	19.1	
1,2-Dichlorobenzene	10.4		"	10.0	ND	104	79.9-130		1.26	23.2	
1,2-Dichloroethane	10.0		"	10.0	ND	100	85-133		1.92	19.1	
1,2-Dichloropropane	9.65		"	10.0	ND	96.5	81.1-132		1.99	19.9	
1,3,5-Trimethylbenzene	12.8		"	10.0	ND	128	76.1-121	High Bias	2.78	31.2	
1,3-Dichlorobenzene	10.7		"	10.0	ND	107	79.1-124		4.87	22.6	
1,3-Dichloropropane	9.25		"	10.0	ND	92.5	83.3-130		2.14	20.9	
1,4-Dichlorobenzene	10.6		"	10.0	ND	106	79.4-128		2.38	21	
2,2-Dichloropropane	9.32		"	10.0	ND	93.2	54.2-126		4.39	24.5	
2-Chlorotoluene	10.5		"	10.0	ND	105	60.2-144		3.49	30.8	
2-Hexanone	8.88		"	10.0	ND	88.8	70-130		3.21	30	
4-Chlorotoluene	10.6		"	10.0	ND	106	79.8-128		1.71	23.2	
Acetone	6.68		"	10.0	ND	66.8	70-130	Low Bias	8.46	30	
Benzene	10.8		"	10.0	ND	108	74.1-134		3.48	20.8	
Bromobenzene	9.70		"	10.0	ND	97.0	76.6-125		3.46	23	
Bromochloromethane	10.0		"	10.0	ND	100	85-133		0.199	18.4	
Bromodichloromethane	10.4		"	10.0	ND	104	80.8-143		1.56	18.1	
Bromoform	10.9		"	10.0	ND	109	65.8-164		2.04	27.3	
Bromomethane	7.02		"	10.0	ND	70.2	68.7-112		24.6	22.8	Non-dir.
Carbon tetrachloride	11.1		"	10.0	ND	111	85.7-138		3.75	25.1	
Chlorobenzene	10.3		"	10.0	ND	103	79.9-129		1.57	21	
Chloroethane	9.84		"	10.0	ND	98.4	74.7-127		1.95	23.7	
Chloroform	10.7		"	10.0	ND	107	50.6-145		1.03	21.7	
Chloromethane	8.54		"	10.0	ND	85.4	64-111		0.469	21.4	
cis-1,2-Dichloroethylene	10.9		"	10.0	ND	109	75.5-129		1.76	20.2	
cis-1,3-Dichloropropylene	9.79		"	10.0	ND	97.9	74.3-128		1.02	19.8	
Dibromochloromethane	11.1		"	10.0	ND	111	76.8-150		6.24	20.8	
Dibromomethane	9.86		"	10.0	ND	98.6	83.3-140		0.203	20.4	
Dichlorodifluoromethane	7.57		"	10.0	ND	75.7	51-100		6.41	27.6	
Ethyl Benzene	11.0		"	10.0	ND	110	82.9-127		1.01	21.4	
Hexachlorobutadiene	11.7		"	10.0	ND	117	73-128		4.64	26	
Isopropylbenzene	11.3		"	10.0	ND	113	78.7-131		2.78	26.7	
Methyl tert-butyl ether (MTBE)	9.39		"	10.0	0.140	92.5	81.2-134		0.325	21.2	
Methylene chloride	9.13		"	10.0	ND	91.3	57.8-103		0.439	21.2	
Naphthalene	13.2		"	10.0	ND	132	80.1-122	High Bias	7.99	26.1	
n-Butylbenzene	11.5		"	10.0	ND	115	72.4-120		2.99	30.8	
n-Propylbenzene	11.3		"	10.0	ND	113	74-130		3.14	31	
o-Xylene	10.6		"	10.0	ND	106	78.8-122		0.753	21	
p- & m- Xylenes	24.0		"	20.0	ND	120	82.5-123		0.292	22.5	
p-Isopropyltoluene	12.5		"	10.0	ND	125	64.9-132		1.45	25.2	
sec-Butylbenzene	11.6		"	10.0	ND	116	25.4-151		3.05	25.2	

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

York Analytical Laboratories, Inc.

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

Batch BC31323 - EPA 5030B

Matrix Spike Dup (BC31323-MSD1)		*Source sample: 13C0682-18 (MW53)					Prepared & Analyzed: 03/27/2013				
Styrene	16.8		ug/L	10.0	ND	168	74.1-134	High Bias	0.357	20	
tert-Butylbenzene	10.9		"	10.0	ND	109	79.5-171		2.03	24.8	
Tetrachloroethylene	10.7		"	10.0	0.350	103	72.5-130		2.16	22.7	
Toluene	10.3		"	10.0	ND	103	77.8-121		0.680	21.5	
trans-1,2-Dichloroethylene	9.53		"	10.0	ND	95.3	83.8-140		0.315	20.1	
trans-1,3-Dichloropropylene	9.62		"	10.0	ND	96.2	74.9-136		0.626	22.5	
Trichloroethylene	10.1		"	10.0	ND	101	84.4-125		0.296	20.7	
Trichlorofluoromethane	10.2		"	10.0	ND	102	78.7-127		3.20	24.7	
Vinyl Chloride	8.65		"	10.0	ND	86.5	72.1-116		2.81	24.9	
Surrogate: 1,2-Dichloroethane-d4	10.3		"	10.0		103	72.6-129				
Surrogate: p-Bromofluorobenzene	10.3		"	10.0		103	63.5-145				
Surrogate: Toluene-d8	10.1		"	10.0		101	81.2-127				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13C0682-11	MW46B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-12	MW47A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-13	MW47B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-14	MW49A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-15	MW49B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-16	MW49C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-17	MW52A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-18	MW53	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.



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

Field Chain-of-Custody Record

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

York Project No. 13C0682

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: <u>LB&T Inc.</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>
Address: <u>4 Research Dr. Suite 301</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>
Phone No. <u>203.929.8555</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>
Contact Person: <u>T. Sander</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>
E-Mail Address: <u>TSander@lbgst.com</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>
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Samples Collected/Authorized By (Signature) <u>S. Hatt / E. Allison / C. Colwell</u>			Samples Collected/Authorized By (Signature) <u>S. Hatt / E. Allison / C. Colwell</u>			Samples Collected/Authorized By (Signature) <u>S. Hatt / E. Allison / C. Colwell</u>			Samples Collected/Authorized By (Signature) <u>S. Hatt / E. Allison / C. Colwell</u>		
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Matrix Codes S - soil Other - specify (oil, etc.) W/W - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor			Matrix Codes S - soil Other - specify (oil, etc.) W/W - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor			Matrix Codes S - soil Other - specify (oil, etc.) W/W - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor			Matrix Codes S - soil Other - specify (oil, etc.) W/W - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		
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Field Chain-of-Custody Record

Page 2 of 5

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. 130682

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type/Deliverables																																																																																																															
Company: <u>LBG Inc.</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>																																																																																																														
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E-Mail Address: <u>TSander@lbgct.com</u>	E-Mail Address: <u>TSander@lbgct.com</u>	E-Mail Address: <u>TSander@lbgct.com</u>	E-Mail Address: <u>TSander@lbgct.com</u>	E-Mail Address: <u>TSander@lbgct.com</u>	E-Mail Address: <u>TSander@lbgct.com</u>	E-Mail Address: <u>TSander@lbgct.com</u>	E-Mail Address: <u>TSander@lbgct.com</u>	E-Mail Address: <u>TSander@lbgct.com</u>	E-Mail Address: <u>TSander@lbgct.com</u>	E-Mail Address: <u>TSander@lbgct.com</u>	E-Mail Address: <u>TSander@lbgct.com</u>																																																																																																														
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Comments: <u>One lab report per con</u>																																																																																																																									
Preservation: <u>Check those Applicable</u>																																																																																																																									
Temperature on Receipt: <u>3.7°C</u>																																																																																																																									



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

Field Chain-of-Custody Record

Page 3 of 5

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. 13C0682

YOUR INFORMATION		Report To:		Invoice To:		YOUR PROJECT ID		Turn-Around Time		Report Type	
Company: <u>LBG Inc.</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	RUSH - Same Day ☐		RUSH - Next Day ☐		RUSH - Two Day ☐		Summary Report <u>X</u> pdf	
Address: <u>4 Research Dr. Suite 200</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	RUSH - Three Day ☐		RUSH - Four Day ☐		RUSH - Five Day ☐		Summary w/ QA Summary <u>X</u> pdf	
Phone No. <u>203 929 8555</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	RUSH - Six Day ☐		RUSH - Seven Day ☐		RUSH - Eight Day ☐		CT RCP Package	
Contact Person: <u>T. Sander</u>	Attention: <u>same</u>	Attention: <u>same</u>	Attention: <u>same</u>	RUSH - Nine Day ☐		RUSH - Ten Day ☐		RUSH - Eleven Day ☐		CT RCP Package	
E-Mail Address: <u>TSander@lbg-inc.com</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	RUSH - Twelve Day ☐		RUSH - Thirteen Day ☐		RUSH - Fourteen Day ☐		CT RCP Package	
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved. 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 BTX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list Semi-Volatiles 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list Arom. only Halog. only App. IX list 8021B list Metals RCRA8 PP13 list TAL CT15 list TAGM list NIDEF list Total Dissolved SPL for TCLP Indic. 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 Orgs. TAL MatCN Full TCLP Full App. IX Part 360-Routine Part 360-Residue Part 360-Residue Part 360-Residue NYCDEP NYCDEP TACM Misc. Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos Silica				Purchase Order No. <u>NAD546 004.07</u> Samples from: CT <u>NY</u> <u>X</u> NJ		Standard (5-7 Days) ☒		Simple Excel <u>X</u> NYSDEC EQulS EQulS (std) EZ-EDD (EQulS) NIDEF SRP HazSite EDD GIS/KEY (std) Other York Regulatory Comparison Excel Spreadsheet Compare to the following Regs. (please fill in):			
Choose Analyses Needed from the Menu Above and Enter Below											
Sample Identification	Date/Time Sampled	Sample Matrix	4°C	Frozen	HCl	MeOH	Ascorbic Acid	HNO ₃	H ₂ SO ₄	NaOH	Temperature on Receipt
MW54	3/19/13 1505	GW									3.7°C
MW56A	3/19/13 1535										
MW56B	3/19/13 1604										
MW56C	3/20/13 1407										
MW42B	3/19/13 1140										
N2A	3/20/13 1243										
N1B	3/20/13 1209										
N2A	3/20/13 1123										
N2B	3/20/13 1050										
N16	3/21/13 940										
Comments: <u>One has report per coc</u>											
Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐											
Samples Relinquished By <u>Michael Hyatt</u> Date/Time <u>3/22/13 1333</u> Samples Relinquished By <u>Trace</u> Date/Time <u>3-22-13 1510</u> Samples Relinquished By <u>Trace</u> Date/Time <u>3-22-13 1510</u>											



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Page 4 of 5

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York Project No. 13C0682

YOUR INFORMATION		Report To:		Invoice To:		YOUR PROJECT ID		Turn-Around Time		Report Type	
Company: <u>LIBG Inc.</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>
Address: <u>4 Research Dr. Suite 201</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>
Phone No. <u>203 929 8555</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>
Contact Person: <u>T. Sander</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>
E-Mail Address: <u>TSander@Libg.com</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>

Sample Identification		Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below										Container Description(s)	Temperature on Receipt	
N17	3/20/13 1453	GW		8260 full list											3v	3-22-13 13:55
N-32	3/19/13 1318															
MWB1	3/19/13 1540															
MWB2	3/19/13 1333															
MWB3	3/19/13 1425															
MWB4	3/19/13 1507															
MW9801A	3/20/13 943															
MW9804	3/19/13 1258															
MW9804 MS	3/19/13 1258															
MW9804 MSD	3/19/13 1258															
Comments One Lab report per coc																

Technical Report

prepared for:

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

Report Date: 04/01/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13C0682

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 04/01/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13C0682

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-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 March 22, 2013 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>
13C0682-19	MW54	Water	03/19/2013	03/22/2013
13C0682-20	MW56A	Water	03/19/2013	03/22/2013
13C0682-21	MW56B	Water	03/19/2013	03/22/2013
13C0682-22	MW56C	Water	03/20/2013	03/22/2013
13C0682-23	MW42B	Water	03/19/2013	03/22/2013
13C0682-24	N1A	Water	03/20/2013	03/22/2013
13C0682-25	N1B	Water	03/20/2013	03/22/2013
13C0682-26	N2A	Water	03/20/2013	03/22/2013
13C0682-27	N2B	Water	03/20/2013	03/22/2013
13C0682-28	N16	Water	03/21/2013	03/22/2013

General Notes for York Project (SDG) No.: 13C0682

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
Laboratory Director

Date: 04/01/2013

YORK

Sample Information

Client Sample ID: MW54

York Sample ID: 13C0682-19

York Project (SDG) No.

13C0682

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

March 19, 2013 3:05 pm

Date Received

03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:15	03/27/2013 19:25	SS
71-55-6	1,1,1-Trichloroethane	1.9		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
75-34-3	1,1-Dichloroethane	1.6		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
75-35-4	1,1-Dichloroethylene	0.10	J	ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS

Sample Information

Client Sample ID: MW54

York Sample ID: 13C0682-19

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 3:05 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:15	03/27/2013 19:25	SS
67-66-3	Chloroform	0.25	J	ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
127-18-4	Tetrachloroethylene	0.35	J	ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 19:25	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	118 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	104 %	81.2-127								

Sample Information

Client Sample ID: MW56A

York Sample ID: 13C0682-20

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 3:35 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:15	03/27/2013 20:04	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	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	03/27/2013 08:15	03/27/2013 20:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS

Sample Information

Client Sample ID: MW56A

York Sample ID: 13C0682-20

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 3:35 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:15	03/27/2013 20:04	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:04	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	116 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								

Sample Information

Client Sample ID: MW56B

York Sample ID: 13C0682-21

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 4:04 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:15	03/27/2013 20:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	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	03/27/2013 08:15	03/27/2013 20:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS

Sample Information

Client Sample ID: MW56B

York Sample ID: 13C0682-21

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 4:04 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:15	03/27/2013 20:43	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 20:43	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	121 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								

Sample Information

Client Sample ID: MW56C

York Sample ID: 13C0682-22

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 2:07 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:15	03/27/2013 21:22	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	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	03/27/2013 08:15	03/27/2013 21:22	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS

Sample Information

Client Sample ID: MW56C

York Sample ID: 13C0682-22

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 2:07 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:15	03/27/2013 21:22	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 21:22	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	116 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								

Sample Information

Client Sample ID: MW42B

York Sample ID: 13C0682-23

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 11:40 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:15	03/27/2013 22:01	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	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	03/27/2013 08:15	03/27/2013 22:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
67-64-1	Acetone	3.3	B	ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS

Sample Information

Client Sample ID: MW42B

York Sample ID: 13C0682-23

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 11:40 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:15	03/27/2013 22:01	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
108-88-3	Toluene	0.51		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:15	03/27/2013 22:01	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	111 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								

Sample Information

Client Sample ID: N1A

York Sample ID: 13C0682-24

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 12:43 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/27/2013 23:12	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	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	03/27/2013 15:45	03/27/2013 23:12	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS

Sample Information

Client Sample ID: N1A

York Sample ID: 13C0682-24

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 12:43 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/27/2013 23:12	SS
67-66-3	Chloroform	0.31	J	ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
91-20-3	Naphthalene	0.14	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:12	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	113 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	103 %	81.2-127								

Sample Information

Client Sample ID: N1B

York Sample ID: 13C0682-25

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 12:09 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/27/2013 23:48	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	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	03/27/2013 15:45	03/27/2013 23:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS

Sample Information

Client Sample ID: N1B

York Sample ID: 13C0682-25

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 12:09 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/27/2013 23:48	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 15:45	03/27/2013 23:48	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	109 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	104 %	81.2-127								

Sample Information

Client Sample ID: N2A

York Sample ID: 13C0682-26

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 11:23 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 00:23	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	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	03/27/2013 15:45	03/28/2013 00:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS

Sample Information

Client Sample ID: N2A

York Sample ID: 13C0682-26

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 11:23 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 00:23	SS
67-66-3	Chloroform	0.61		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:23	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	110 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								

Sample Information

Client Sample ID: N2B

York Sample ID: 13C0682-27

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 10:50 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 00:59	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	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	03/27/2013 15:45	03/28/2013 00:59	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS

Sample Information

Client Sample ID: N2B

York Sample ID: 13C0682-27

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 10:50 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 00:59	SS
67-66-3	Chloroform	0.87		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.49	J	ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 00:59	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	110 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								

Sample Information

Client Sample ID: N16

York Sample ID: 13C0682-28

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 9:40 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 01:35	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	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	03/27/2013 15:45	03/28/2013 01:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS

Sample Information

Client Sample ID: N16

York Sample ID: 13C0682-28

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 9:40 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 01:35	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 01:35	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	110 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	104 %	81.2-127								

Analytical Batch Summary

Batch ID: BC31323

Preparation Method: EPA 5030B

Prepared By: BK

YORK Sample ID	Client Sample ID	Preparation Date
13C0682-19	MW54	03/27/13
13C0682-20	MW56A	03/27/13
13C0682-21	MW56B	03/27/13
13C0682-22	MW56C	03/27/13
13C0682-23	MW42B	03/27/13
BC31323-BLK1	Blank	03/27/13
BC31323-BS1	LCS	03/27/13
BC31323-BSD1	LCS Dup	03/27/13

Batch ID: BC31333

Preparation Method: EPA 5030B

Prepared By: BK

YORK Sample ID	Client Sample ID	Preparation Date
13C0682-24	N1A	03/27/13
13C0682-25	N1B	03/27/13
13C0682-26	N2A	03/27/13
13C0682-27	N2B	03/27/13
13C0682-28	N16	03/27/13
BC31333-BLK1	Blank	03/27/13
BC31333-BS1	LCS	03/27/13
BC31333-BSD1	LCS Dup	03/27/13

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 BC31323 - EPA 5030B

Blank (BC31323-BLK1)

Prepared & Analyzed: 03/27/2013

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	1.3	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	ND	2.0	"
Naphthalene	ND	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31323 - EPA 5030B											
Blank (BC31323-BLK1)						Prepared & Analyzed: 03/27/2013					
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>11.0</i>		<i>"</i>	<i>10.0</i>		<i>110</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11.6</i>		<i>"</i>	<i>10.0</i>		<i>116</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.87</i>		<i>"</i>	<i>10.0</i>		<i>98.7</i>	<i>81.2-127</i>				
LCS (BC31323-BS1)						Prepared & Analyzed: 03/27/2013					
1,1,1,2-Tetrachloroethane	9.19		ug/L	10.0		91.9	82.3-130				
1,1,1-Trichloroethane	10.6		"	10.0		106	75.6-137				
1,1,2,2-Tetrachloroethane	9.70		"	10.0		97.0	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.95		"	10.0		99.5	71.1-129				
1,1,2-Trichloroethane	9.05		"	10.0		90.5	74.5-129				
1,1-Dichloroethane	12.1		"	10.0		121	79.6-132				
1,1-Dichloroethylene	9.73		"	10.0		97.3	80.2-146				
1,1-Dichloropropylene	9.62		"	10.0		96.2	75-136				
1,2,3-Trichlorobenzene	10.4		"	10.0		104	66.1-136				
1,2,3-Trichloropropane	9.03		"	10.0		90.3	63-131				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	70.6-136				
1,2,4-Trimethylbenzene	15.6		"	10.0		156	75.3-135	High Bias			
1,2-Dibromo-3-chloropropane	6.91		"	10.0		69.1	58.9-140				
1,2-Dibromoethane	9.65		"	10.0		96.5	79-130				
1,2-Dichlorobenzene	9.69		"	10.0		96.9	76.1-122				
1,2-Dichloroethane	9.95		"	10.0		99.5	74.6-132				
1,2-Dichloropropane	9.11		"	10.0		91.1	76.9-129				
1,3,5-Trimethylbenzene	11.8		"	10.0		118	70.6-127				
1,3-Dichlorobenzene	9.69		"	10.0		96.9	77-124				
1,3-Dichloropropane	8.86		"	10.0		88.6	75.8-126				
1,4-Dichlorobenzene	9.78		"	10.0		97.8	76.6-125				
2,2-Dichloropropane	10.9		"	10.0		109	69-133				
2-Chlorotoluene	9.78		"	10.0		97.8	66.3-119				
2-Hexanone	9.14		"	10.0		91.4	70-130				
4-Chlorotoluene	9.97		"	10.0		99.7	69.2-127				
Acetone	8.28		"	10.0		82.8	70-130				
Benzene	10.5		"	10.0		105	76.2-129				
Bromobenzene	9.15		"	10.0		91.5	71.3-123				
Bromochloromethane	10.2		"	10.0		102	70.8-137				
Bromodichloromethane	9.96		"	10.0		99.6	79.7-134				
Bromoform	9.66		"	10.0		96.6	70.5-141				
Bromomethane	9.98		"	10.0		99.8	43.9-147				
Carbon tetrachloride	10.4		"	10.0		104	78.1-138				
Chlorobenzene	9.68		"	10.0		96.8	80.4-125				
Chloroethane	10.3		"	10.0		103	55.8-140				
Chloroform	10.7		"	10.0		107	76.6-133				
Chloromethane	10.1		"	10.0		101	48.8-115				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	75.1-128				
cis-1,3-Dichloropropylene	9.51		"	10.0		95.1	74.5-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31323 - EPA 5030B											
LCS (BC31323-BS1)						Prepared & Analyzed: 03/27/2013					
Dibromochloromethane	10.1		ug/L	10.0		101	79.8-134				
Dibromomethane	9.67		"	10.0		96.7	79-130				
Dichlorodifluoromethane	11.3		"	10.0		113	47.1-101	High Bias			
Ethyl Benzene	10.4		"	10.0		104	80.8-128				
Hexachlorobutadiene	10.3		"	10.0		103	64.8-128				
Isopropylbenzene	10.4		"	10.0		104	75.5-135				
Methyl tert-butyl ether (MTBE)	12.8		"	10.0		128	65.1-140				
Methylene chloride	9.38		"	10.0		93.8	61.3-120				
Naphthalene	11.6		"	10.0		116	62.3-148				
n-Butylbenzene	10.3		"	10.0		103	67.2-123				
n-Propylbenzene	10.4		"	10.0		104	70.5-127				
o-Xylene	10.1		"	10.0		101	75.9-122				
p- & m- Xylenes	22.7		"	20.0		113	77.7-127				
p-Isopropyltoluene	11.4		"	10.0		114	75.6-129				
sec-Butylbenzene	10.6		"	10.0		106	71.5-125				
Styrene	15.8		"	10.0		158	77.8-123	High Bias			
tert-Butylbenzene	10.0		"	10.0		100	75.9-151				
Tetrachloroethylene	9.45		"	10.0		94.5	63.6-167				
Toluene	9.75		"	10.0		97.5	77-123				
trans-1,2-Dichloroethylene	12.5		"	10.0		125	76.3-139				
trans-1,3-Dichloropropylene	9.25		"	10.0		92.5	72.5-137				
Trichloroethylene	9.46		"	10.0		94.6	77.9-130				
Trichlorofluoromethane	10.4		"	10.0		104	57.4-133				
Vinyl Chloride	9.82		"	10.0		98.2	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.73</i>		<i>"</i>	<i>10.0</i>		<i>97.3</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 BC31323 - EPA 5030B											
LCS Dup (BC31323-BSI1)						Prepared & Analyzed: 03/27/2013					
1,1,1,2-Tetrachloroethane	9.80		ug/L	10.0		98.0	82.3-130		6.42	21.1	
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137		1.33	19.7	
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	71.3-131		7.25	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.77		"	10.0		97.7	71.1-129		1.83	21.7	
1,1,2-Trichloroethane	9.72		"	10.0		97.2	74.5-129		7.14	20.3	
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132		17.4	20.6	
1,1-Dichloroethylene	9.67		"	10.0		96.7	80.2-146		0.619	20	
1,1-Dichloropropylene	9.68		"	10.0		96.8	75-136		0.622	19.3	
1,2,3-Trichlorobenzene	10.3		"	10.0		103	66.1-136		0.871	21.6	
1,2,3-Trichloropropane	9.41		"	10.0		94.1	63-131		4.12	23.9	
1,2,4-Trichlorobenzene	10.2		"	10.0		102	70.6-136		0.393	21.7	
1,2,4-Trimethylbenzene	15.5		"	10.0		155	75.3-135	High Bias	1.03	18.8	
1,2-Dibromo-3-chloropropane	6.84		"	10.0		68.4	58.9-140		1.02	27.7	
1,2-Dibromoethane	10.2		"	10.0		102	79-130		5.74	23	
1,2-Dichlorobenzene	9.85		"	10.0		98.5	76.1-122		1.64	19.8	
1,2-Dichloroethane	9.84		"	10.0		98.4	74.6-132		1.11	20.2	
1,2-Dichloropropane	9.10		"	10.0		91.0	76.9-129		0.110	20.7	
1,3,5-Trimethylbenzene	11.6		"	10.0		116	70.6-127		1.54	18.9	
1,3-Dichlorobenzene	9.72		"	10.0		97.2	77-124		0.309	19.2	
1,3-Dichloropropane	9.43		"	10.0		94.3	75.8-126		6.23	22.1	
1,4-Dichlorobenzene	9.71		"	10.0		97.1	76.6-125		0.718	18.6	
2,2-Dichloropropane	10.3		"	10.0		103	69-133		5.56	19.8	
2-Chlorotoluene	9.72		"	10.0		97.2	66.3-119		0.615	21.6	
2-Hexanone	9.83		"	10.0		98.3	70-130		7.27	30	
4-Chlorotoluene	9.93		"	10.0		99.3	69.2-127		0.402	19	
Acetone	7.26		"	10.0		72.6	70-130		13.1	30	
Benzene	10.4		"	10.0		104	76.2-129		1.25	19	
Bromobenzene	9.39		"	10.0		93.9	71.3-123		2.59	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		1.28	23.9	
Bromodichloromethane	10.1		"	10.0		101	79.7-134		1.30	21	
Bromoform	11.1		"	10.0		111	70.5-141		13.6	21.8	
Bromomethane	9.96		"	10.0		99.6	43.9-147		0.201	28.4	
Carbon tetrachloride	10.4		"	10.0		104	78.1-138		0.385	20.1	
Chlorobenzene	9.76		"	10.0		97.6	80.4-125		0.823	19.9	
Chloroethane	10.1		"	10.0		101	55.8-140		1.57	23.3	
Chloroform	10.6		"	10.0		106	76.6-133		1.13	20.3	
Chloromethane	9.74		"	10.0		97.4	48.8-115		3.33	24.5	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	75.1-128		0.670	20.5	
cis-1,3-Dichloropropylene	9.83		"	10.0		98.3	74.5-128		3.31	19.9	
Dibromochloromethane	10.8		"	10.0		108	79.8-134		6.63	21.3	
Dibromomethane	9.97		"	10.0		99.7	79-130		3.05	22.4	
Dichlorodifluoromethane	10.4		"	10.0		104	47.1-101	High Bias	8.41	23.9	
Ethyl Benzene	10.2		"	10.0		102	80.8-128		1.46	19.2	
Hexachlorobutadiene	10.1		"	10.0		101	64.8-128		1.97	20.6	
Isopropylbenzene	10.4		"	10.0		104	75.5-135		0.577	20	
Methyl tert-butyl ether (MTBE)	9.69		"	10.0		96.9	65.1-140		27.3	23.6	Non-dir.
Methylene chloride	7.32		"	10.0		73.2	61.3-120		24.7	20.4	Non-dir.
Naphthalene	11.8		"	10.0		118	62.3-148		1.97	27.1	
n-Butylbenzene	10.1		"	10.0		101	67.2-123		2.16	19.1	
n-Propylbenzene	10.2		"	10.0		102	70.5-127		2.43	23.4	
o-Xylene	10.0		"	10.0		100	75.9-122		0.298	19.3	
p- & m- Xylenes	22.2		"	20.0		111	77.7-127		1.91	18.6	
p-Isopropyltoluene	11.2		"	10.0		112	75.6-129		1.77	19.1	
sec-Butylbenzene	10.4		"	10.0		104	71.5-125		1.33	18.9	

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

York Analytical Laboratories, Inc.

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

Batch BC31323 - EPA 5030B

LCS Dup (BC31323-BSD1)

Prepared & Analyzed: 03/27/2013

Styrene	15.6		ug/L	10.0		156	77.8-123	High Bias	1.53	20.9	
tert-Butylbenzene	10.0		"	10.0		100	75.9-151		0.199	20.9	
Tetrachloroethylene	9.38		"	10.0		93.8	63.6-167		0.743	27.7	
Toluene	9.54		"	10.0		95.4	77-123		2.18	18.7	
trans-1,2-Dichloroethylene	9.11		"	10.0		91.1	76.3-139		31.2	19.5	Non-dir.
trans-1,3-Dichloropropylene	9.78		"	10.0		97.8	72.5-137		5.57	19.3	
Trichloroethylene	9.55		"	10.0		95.5	77.9-130		0.947	20.5	
Trichlorofluoromethane	10.4		"	10.0		104	57.4-133		0.00	21.4	
Vinyl Chloride	9.59		"	10.0		95.9	54.9-124		2.37	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>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.79</i>		<i>"</i>	<i>10.0</i>		<i>97.9</i>	<i>81.2-127</i>				

Batch BC31333 - EPA 5030B

Blank (BC31333-BLK1)

Prepared & Analyzed: 03/27/2013

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

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

York Analytical Laboratories, Inc.

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

Batch BC31333 - EPA 5030B

Blank (BC31333-BLK1)

Prepared & Analyzed: 03/27/2013

cis-1,3-Dichloropropylene	ND	0.50	ug/L								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	0.64	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	10.2		"	10.0		102	72.6-129				
Surrogate: p-Bromofluorobenzene	10.9		"	10.0		109	63.5-145				
Surrogate: Toluene-d8	9.98		"	10.0		99.8	81.2-127				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD		
		Limit		Level	Result	Limits	RPD		Limit	Flag	
Batch BC31333 - EPA 5030B											
LCS (BC31333-BS1)				Prepared & Analyzed: 03/27/2013							
1,1,1,2-Tetrachloroethane	9.39		ug/L	10.0		93.9	82.3-130				
1,1,1-Trichloroethane	8.97		"	10.0		89.7	75.6-137				
1,1,2,2-Tetrachloroethane	9.75		"	10.0		97.5	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.55		"	10.0		85.5	71.1-129				
1,1,2-Trichloroethane	9.70		"	10.0		97.0	74.5-129				
1,1-Dichloroethane	8.78		"	10.0		87.8	79.6-132				
1,1-Dichloroethylene	8.03		"	10.0		80.3	80.2-146				
1,1-Dichloropropylene	8.87		"	10.0		88.7	75-136				
1,2,3-Trichlorobenzene	9.99		"	10.0		99.9	66.1-136				
1,2,3-Trichloropropane	11.2		"	10.0		112	63-131				
1,2,4-Trichlorobenzene	9.62		"	10.0		96.2	70.6-136				
1,2,4-Trimethylbenzene	8.80		"	10.0		88.0	75.3-135				
1,2-Dibromo-3-chloropropane	16.4		"	10.0		164	58.9-140	High Bias			
1,2-Dibromoethane	9.71		"	10.0		97.1	79-130				
1,2-Dichlorobenzene	9.09		"	10.0		90.9	76.1-122				
1,2-Dichloroethane	9.01		"	10.0		90.1	74.6-132				
1,2-Dichloropropane	8.92		"	10.0		89.2	76.9-129				
1,3,5-Trimethylbenzene	8.80		"	10.0		88.0	70.6-127				
1,3-Dichlorobenzene	8.93		"	10.0		89.3	77-124				
1,3-Dichloropropane	9.23		"	10.0		92.3	75.8-126				
1,4-Dichlorobenzene	9.12		"	10.0		91.2	76.6-125				
2,2-Dichloropropane	7.40		"	10.0		74.0	69-133				
2-Chlorotoluene	8.67		"	10.0		86.7	66.3-119				
2-Hexanone	9.56		"	10.0		95.6	70-130				
4-Chlorotoluene	9.28		"	10.0		92.8	69.2-127				
Acetone	6.85		"	10.0		68.5	70-130	Low Bias			
Benzene	9.11		"	10.0		91.1	76.2-129				
Bromobenzene	9.62		"	10.0		96.2	71.3-123				
Bromochloromethane	8.82		"	10.0		88.2	70.8-137				
Bromodichloromethane	9.35		"	10.0		93.5	79.7-134				
Bromoform	9.95		"	10.0		99.5	70.5-141				
Bromomethane	5.83		"	10.0		58.3	43.9-147				
Carbon tetrachloride	9.84		"	10.0		98.4	78.1-138				
Chlorobenzene	9.28		"	10.0		92.8	80.4-125				
Chloroethane	8.84		"	10.0		88.4	55.8-140				
Chloroform	9.35		"	10.0		93.5	76.6-133				
Chloromethane	6.86		"	10.0		68.6	48.8-115				
cis-1,2-Dichloroethylene	8.97		"	10.0		89.7	75.1-128				
cis-1,3-Dichloropropylene	9.37		"	10.0		93.7	74.5-128				
Dibromochloromethane	9.77		"	10.0		97.7	79.8-134				
Dibromomethane	10.2		"	10.0		102	79-130				
Dichlorodifluoromethane	6.11		"	10.0		61.1	47.1-101				
Ethyl Benzene	9.49		"	10.0		94.9	80.8-128				
Hexachlorobutadiene	9.57		"	10.0		95.7	64.8-128				
Isopropylbenzene	9.18		"	10.0		91.8	75.5-135				
Methyl tert-butyl ether (MTBE)	9.82		"	10.0		98.2	65.1-140				
Methylene chloride	9.25		"	10.0		92.5	61.3-120				
Naphthalene	9.95		"	10.0		99.5	62.3-148				
n-Butylbenzene	8.63		"	10.0		86.3	67.2-123				
n-Propylbenzene	8.86		"	10.0		88.6	70.5-127				
o-Xylene	9.08		"	10.0		90.8	75.9-122				
p- & m- Xylenes	18.7		"	20.0		93.6	77.7-127				
p-Isopropyltoluene	9.03		"	10.0		90.3	75.6-129				
sec-Butylbenzene	9.08		"	10.0		90.8	71.5-125				

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

York Analytical Laboratories, Inc.

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

Batch BC31333 - EPA 5030B

LCS (BC31333-BS1)

Prepared & Analyzed: 03/27/2013

Styrene	8.92		ug/L	10.0		89.2	77.8-123				
tert-Butylbenzene	9.21		"	10.0		92.1	75.9-151				
Tetrachloroethylene	8.91		"	10.0		89.1	63.6-167				
Toluene	9.11		"	10.0		91.1	77-123				
trans-1,2-Dichloroethylene	8.46		"	10.0		84.6	76.3-139				
trans-1,3-Dichloropropylene	9.08		"	10.0		90.8	72.5-137				
Trichloroethylene	8.89		"	10.0		88.9	77.9-130				
Trichlorofluoromethane	8.79		"	10.0		87.9	57.4-133				
Vinyl Chloride	7.68		"	10.0		76.8	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	9.93		"	10.0		99.3	72.6-129				
Surrogate: p-Bromofluorobenzene	9.68		"	10.0		96.8	63.5-145				
Surrogate: Toluene-d8	10.0		"	10.0		100	81.2-127				

LCS Dup (BC31333-BS1)

Prepared & Analyzed: 03/27/2013

1,1,1,2-Tetrachloroethane	9.09		ug/L	10.0		90.9	82.3-130		3.25	21.1	
1,1,1-Trichloroethane	9.05		"	10.0		90.5	75.6-137		0.888	19.7	
1,1,2,2-Tetrachloroethane	9.85		"	10.0		98.5	71.3-131		1.02	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.11		"	10.0		81.1	71.1-129		5.28	21.7	
1,1,2-Trichloroethane	9.66		"	10.0		96.6	74.5-129		0.413	20.3	
1,1-Dichloroethane	9.06		"	10.0		90.6	79.6-132		3.14	20.6	
1,1-Dichloroethylene	8.18		"	10.0		81.8	80.2-146		1.85	20	
1,1-Dichloropropylene	8.67		"	10.0		86.7	75-136		2.28	19.3	
1,2,3-Trichlorobenzene	9.73		"	10.0		97.3	66.1-136		2.64	21.6	
1,2,3-Trichloropropane	11.3		"	10.0		113	63-131		0.266	23.9	
1,2,4-Trichlorobenzene	9.64		"	10.0		96.4	70.6-136		0.208	21.7	
1,2,4-Trimethylbenzene	8.82		"	10.0		88.2	75.3-135		0.227	18.8	
1,2-Dibromo-3-chloropropane	13.3		"	10.0		133	58.9-140		20.9	27.7	
1,2-Dibromoethane	9.43		"	10.0		94.3	79-130		2.93	23	
1,2-Dichlorobenzene	9.30		"	10.0		93.0	76.1-122		2.28	19.8	
1,2-Dichloroethane	9.30		"	10.0		93.0	74.6-132		3.17	20.2	
1,2-Dichloropropane	9.33		"	10.0		93.3	76.9-129		4.49	20.7	
1,3,5-Trimethylbenzene	8.95		"	10.0		89.5	70.6-127		1.69	18.9	
1,3-Dichlorobenzene	9.13		"	10.0		91.3	77-124		2.21	19.2	
1,3-Dichloropropane	8.93		"	10.0		89.3	75.8-126		3.30	22.1	
1,4-Dichlorobenzene	9.09		"	10.0		90.9	76.6-125		0.329	18.6	
2,2-Dichloropropane	7.17		"	10.0		71.7	69-133		3.16	19.8	
2-Chlorotoluene	8.87		"	10.0		88.7	66.3-119		2.28	21.6	
2-Hexanone	9.48		"	10.0		94.8	70-130		0.840	30	
4-Chlorotoluene	9.30		"	10.0		93.0	69.2-127		0.215	19	
Acetone	6.15		"	10.0		61.5	70-130	Low Bias	10.8	30	
Benzene	9.14		"	10.0		91.4	76.2-129		0.329	19	
Bromobenzene	9.34		"	10.0		93.4	71.3-123		2.95	20.3	
Bromochloromethane	8.65		"	10.0		86.5	70.8-137		1.95	23.9	
Bromodichloromethane	9.48		"	10.0		94.8	79.7-134		1.38	21	
Bromoform	9.78		"	10.0		97.8	70.5-141		1.72	21.8	
Bromomethane	5.92		"	10.0		59.2	43.9-147		1.53	28.4	
Carbon tetrachloride	9.39		"	10.0		93.9	78.1-138		4.68	20.1	
Chlorobenzene	9.41		"	10.0		94.1	80.4-125		1.39	19.9	
Chloroethane	8.53		"	10.0		85.3	55.8-140		3.57	23.3	
Chloroform	9.21		"	10.0		92.1	76.6-133		1.51	20.3	
Chloromethane	6.98		"	10.0		69.8	48.8-115		1.73	24.5	
cis-1,2-Dichloroethylene	8.87		"	10.0		88.7	75.1-128		1.12	20.5	
cis-1,3-Dichloropropylene	9.35		"	10.0		93.5	74.5-128		0.214	19.9	
Dibromochloromethane	9.96		"	10.0		99.6	79.8-134		1.93	21.3	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31333 - EPA 5030B											
LCS Dup (BC31333-BSD1)						Prepared & Analyzed: 03/27/2013					
Dibromomethane	10.3		ug/L	10.0		103	79-130		1.07	22.4	
Dichlorodifluoromethane	5.95		"	10.0		59.5	47.1-101		2.65	23.9	
Ethyl Benzene	9.68		"	10.0		96.8	80.8-128		1.98	19.2	
Hexachlorobutadiene	9.62		"	10.0		96.2	64.8-128		0.521	20.6	
Isopropylbenzene	9.27		"	10.0		92.7	75.5-135		0.976	20	
Methyl tert-butyl ether (MTBE)	9.37		"	10.0		93.7	65.1-140		4.69	23.6	
Methylene chloride	8.96		"	10.0		89.6	61.3-120		3.19	20.4	
Naphthalene	9.91		"	10.0		99.1	62.3-148		0.403	27.1	
n-Butylbenzene	8.81		"	10.0		88.1	67.2-123		2.06	19.1	
n-Propylbenzene	9.17		"	10.0		91.7	70.5-127		3.44	23.4	
o-Xylene	9.15		"	10.0		91.5	75.9-122		0.768	19.3	
p- & m- Xylenes	18.6		"	20.0		93.2	77.7-127		0.428	18.6	
p-Isopropyltoluene	9.26		"	10.0		92.6	75.6-129		2.52	19.1	
sec-Butylbenzene	9.12		"	10.0		91.2	71.5-125		0.440	18.9	
Styrene	9.31		"	10.0		93.1	77.8-123		4.28	20.9	
tert-Butylbenzene	9.16		"	10.0		91.6	75.9-151		0.544	20.9	
Tetrachloroethylene	8.90		"	10.0		89.0	63.6-167		0.112	27.7	
Toluene	9.16		"	10.0		91.6	77-123		0.547	18.7	
trans-1,2-Dichloroethylene	8.41		"	10.0		84.1	76.3-139		0.593	19.5	
trans-1,3-Dichloropropylene	9.26		"	10.0		92.6	72.5-137		1.96	19.3	
Trichloroethylene	8.80		"	10.0		88.0	77.9-130		1.02	20.5	
Trichlorofluoromethane	8.76		"	10.0		87.6	57.4-133		0.342	21.4	
Vinyl Chloride	7.67		"	10.0		76.7	54.9-124		0.130	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.79</i>		<i>"</i>	<i>10.0</i>		<i>97.9</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>81.2-127</i>				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13C0682-19	MW54	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-20	MW56A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-21	MW56B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-22	MW56C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-23	MW42B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-24	N1A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-25	N1B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-26	N2A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-27	N2B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-28	N16	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.



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

Field Chain-of-Custody Record

Page 1 of 5

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York Project No. 13C0682

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Field Chain-of-Custody Record

Page 2 of 5

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York Project No. 130682

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Company: <u>LBG Inc.</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>																																																																																																														
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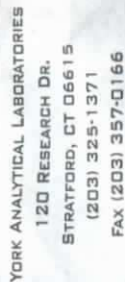
YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRAITFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

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Company: <u>LBG Inc.</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	RUSH - Same Day ☐		RUSH - Next Day ☐		RUSH - Two Day ☐		Summary Report <u>X</u> pdf			
Address: <u>4 Research Dr. Suite 200</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	RUSH - Three Day ☐		RUSH - Four Day ☐		RUSH - Five Day ☐		Summary w/ QA Summary <u>X</u> pdf			
Phone No. <u>203 929 8555</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	RUSH - Six Day ☐		RUSH - Seven Day ☐		RUSH - Eight Day ☐		CT RCP Package			
Contact Person: <u>T. Sander</u>	Attention: <u>same</u>	Attention: <u>same</u>	Attention: <u>same</u>	RUSH - Nine Day ☐		RUSH - Ten Day ☐		RUSH - Eleven Day ☐		CT RCP Package			
E-Mail Address: <u>TSander@lbg-inc.com</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	RUSH - Twelve Day ☐		RUSH - Thirteen Day ☐		RUSH - Fourteen Day ☐		CT RCP Package			
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved. Samples Collected/Authorized By (Signature) <u>[Signature]</u> Name (printed) <u>S. Hunt / E. Allison / C. Colwell</u>				Volatiles 8260 full <u>8260 full list</u> 8270 or 625 <u>8270 or 625</u> STARS list <u>STARS list</u> BN Only <u>BN Only</u> Acids Only <u>Acids Only</u> PAH list <u>PAH list</u> TAGM list <u>TAGM list</u> Site Spec. <u>Site Spec.</u> CT RCP list <u>CT RCP list</u> TCL list <u>TCL list</u> NIJEP list <u>NIJEP list</u> App. IX <u>App. IX</u> TCLP BNA <u>TCLP BNA</u> SPLP or TCLP <u>SPLP or TCLP</u> 8021B list <u>8021B list</u>		Metals TPH GRO <u>TPH GRO</u> TPH DRO <u>TPH DRO</u> CT ETPH <u>CT ETPH</u> NY 310-13 <u>NY 310-13</u> TPH 1664 <u>TPH 1664</u> Air TO14A <u>Air TO14A</u> Total <u>Total</u> Dissolved <u>Dissolved</u> SPLP or TCLP <u>SPLP or TCLP</u> Ind. Metals <u>Ind. Metals</u> LIST Below <u>LIST Below</u>		Misc. Org. TPH GRO <u>TPH GRO</u> TPH DRO <u>TPH DRO</u> CT ETPH <u>CT ETPH</u> NY 310-13 <u>NY 310-13</u> TPH 1664 <u>TPH 1664</u> Air TO14A <u>Air TO14A</u> Total <u>Total</u> Dissolved <u>Dissolved</u> SPLP or TCLP <u>SPLP or TCLP</u> Ind. Metals <u>Ind. Metals</u> LIST Below <u>LIST Below</u>		Misc. Corrosivity <u>Corrosivity</u> Reactivity <u>Reactivity</u> Ignitability <u>Ignitability</u> Flash Point <u>Flash Point</u> Sieve Anal. <u>Sieve Anal.</u> Heterotrophs <u>Heterotrophs</u> TOX <u>TOX</u> BTU/lb. <u>BTU/lb.</u> Aquatic Tox. <u>Aquatic Tox.</u> TOC <u>TOC</u> Asbestos <u>Asbestos</u> Silica <u>Silica</u>		Simple Excel <u>X</u> NYSEDEC EQuIS <u>NYSEDEC EQuIS</u> EQuIS (std) <u>EQuIS (std)</u> EZ-EDD (EQuIS) <u>EZ-EDD (EQuIS)</u> NIJEP SRP HazSite EDD <u>NIJEP SRP HazSite EDD</u> GIS/KEY (std) <u>GIS/KEY (std)</u> Other <u>Other</u> York Regulatory Comparison <u>York Regulatory Comparison</u> Excel Spreadsheet <u>Excel Spreadsheet</u> Compare to the following Regs. (please fill in):	
Choose Analyses Needed from the Menu Above and Enter Below													
Sample Identification	Date/Time Sampled	Sample Matrix	4°C	Frozen	HCl	MeOH	Ascorbic Acid	HNO ₃	H ₂ SO ₄	NaOH	Temperature on Receipt		
MW54	3/19/13 1505	GW									3.7°C		
MW56A	3/19/13 1535												
MW56B	3/19/13 1604												
MW56C	3/20/13 1407												
MW42B	3/19/13 1140												
N2A	3/20/13 1243												
N1B	3/20/13 1209												
N2A	3/20/13 1123												
N2B	3/20/13 1050												
N16	3/21/13 940												
Comments: <u>One has report per coc</u>													
Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐													
Samples Relinquished By <u>Michael Hypert</u> Date/Time <u>3/22/13 1333</u> Samples Relinquished By <u>Grace</u> Date/Time <u>3-22-13 1510</u>													



Field Chain-of-Custody Record

Page 4 of 5

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

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

York Project No. 1300682

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type					
Company: <u>LIBG Inc.</u> Address: <u>4 Research Dr. Suite 201</u> Phone No. <u>Shelton, CT 06484</u> Contact Person: <u>T. Sander</u> E-Mail Address: <u>TSander@LibgInc.com</u>		Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		<u>Rowe Industries</u> <u>Purchase Order No.</u> <u>NABAG-004.07</u> Samples from: CT NY NJ		RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard (5-7 Days) ☒		Summary Report ☒ Summary w/ QA Summary ☒ CT RCP Package ☐ CTRCP DQA/DUE Pkg ☐ NY ASP A Package ☐ NY ASP B Package ☒ NUDEP Red. Deliv. ☐ Electronic Data Deliverables (EDD) ☐ Simple Excel ☒ NY/DEC EQuIS ☐ EQuIS (std) ☐ EZ-EDD (EQuIS) ☐ NUDEP SRP HazSite EDD ☐ GIS/KEY (std) ☐ Other _____ York Regulatory Comparison ☐ Excel Spreadsheet ☐ Compare to the following Regs. (please fill in): _____					
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.															
Samples Collected/Authorized By (Signature) <u>E. Allison</u> Name (printed) <u>E. Allison / C. Colwell</u>		Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles 260 full 624 STARS list BTEX 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 PP13 list TAL CT15 list TAGM list NUDEP list Total Dissolved SPLP 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 MetCN Full TCLP Full App. IX Part 360-Residue Part 360-Baseline Part 360-Residue Part 360-Baseline NY/DEC Score TOC NY/DEC Score TAGM Silica		Misc. Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos Silica	
Choose Analyses Needed from the Menu Above and Enter Below															
Sample Identification N17 N-32 MWB1 MWB2 MWB3 MWB4 MW9801A MW9804 MW9804 MS MW9804 MSD		Date/Time Sampled 3/20/13 1453 3/19/13 1318 3/19/13 1540 3/19/13 1333 3/19/13 1425 3/19/13 1507 3/20/13 943 3/19/13 1258 3/19/13 1258 3/19/13 1258		Sample Matrix GW _____ _____ _____ _____ _____ _____ _____ _____ _____		Preservation Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐		4°C _____ Frozen _____ HCl _____ MeOH _____ HNO ₃ _____ H ₂ SO ₄ _____ NaOH _____ Other _____		Temperature on Receipt 3.7°C					
Comments One Lab report per coc															
Samples Relinquished By _____ Date/Time _____ Samples Received By _____ Date/Time _____ 3-22-13 13:55 3-22-13 1510															

Field Chain-of-Custody Record

Page 5 of 5NOTE: 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. / 3c0682

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type/Deliverables																													
Company: <u>LBb Inc.</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	RUSH - Same Day ☐		Summary Report <u>x pdf</u>		RUSH - Next Day ☐		Summary w/ QA Summary <u>x pdf</u>																													
Address: <u>4 Research Dr. Shelton, CT 06484</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	RUSH - Two Day ☐		NY ASP A Package		RUSH - Three Day ☐		CT RCP Package																													
Phone No. <u>203 929 8555</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	RUSH - Four Day ☐		NY ASP B Package <u>x pdf</u>		RUSH - Five Day ☐		Electronic Deliverables:																													
Contact Person: <u>T. Sander</u>	Contact Person: <u>T. Sander</u>	Contact Person: <u>T. Sander</u>	Contact Person: <u>T. Sander</u>	Standard(5-7 Days) <u>X</u>		EDD (Specify Type)		Excel <u>X</u>																															
E-Mail Address: <u>TSander@Yorklab.com</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	Samples from: CT NY X NJ																																			
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 all questions by York are resolved.				Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until all questions by York are resolved.				Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until all questions by York are resolved.																															
<u>E. Allison / C. Colwell</u> Samples Collected/Authorized By (Signature) Street / E. Allison / C. Colwell Name (printed)				Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor				Volatiles 8260 full list 624 STARS list Nassau Co. BTEX Suffolk Co. MTBE Ketones Oxygenates TAGM list TCLP list CT RCP list 524.2 Arom. only 502.2 Halog. only NIDEF list App. IX list SPLP or TCLP 8021B list				Semi-Vols. 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list NIDEF list SPLP or TCLP Total Dissolved SPLP or TCLP Induc. Metals LIST Below				Metals RCRA8 PP13 list TAL CT15 list TAGM list NIDEF list SPLP or TCLP Total Dissolved SPLP or TCLP Induc. 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 MetCN Full TCLP Full App. IX Part 360-Routine Part 360-Routine Part 360-Routine Part 360-Routine NYCDEP NYSDCL TAGM				Common Miscellaneous Parameters Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC F.O.G. pH Silica MBAS				Miscellaneous Parameters Color Phenols TKN Cyanide-T Cyanide-A BOD5 Chloride Phosphate COD Total Phos. Oil & Grease TSS Total Solids TDS TPH-1664				Special Instructions Field Filtered ☐ Lab to Filter ☐			
Choose Analyses Needed from the Menu Above and Enter Below												Container Description(s)																											
Sample Identification		Date Sampled		Sample Matrix		8260 full list / ethane, ethene 8260 full list / ethane, ethene 8260 full list						4V 4V 3V 3V 3V 3V 3V 3V																											
MW9805A		3/20/13 1307		GW																																			
MW9805B		3/20/13 1143		I																																			
MWA		3/21/13 1245																																					
MWB		3/19/13 1600																																					
TB5H		-																																					
TB6A		-																																					
TB6C		-																																					
FB5H		3/21/13 1100																																					
FB6A		3/21/13																																					
FB6C		3/21/13 1000																																					
Preservation Check those Applicable 4°C ☐ Frozen ☐ HCl ☐ MeOH ☐ HNO ₃ ☐ H ₂ O ₂ ☐ NaOH ☐ Other ☐												Temperature on Receipt <u>3.7°C</u>																											
Comments <u>One has report per case</u>												Samples Relinquished By <u>Chen-C</u> Date/Time <u>3-22-13 13:50</u> Samples Relinquished By <u>Grace</u> Date/Time <u>3-22-13 15:10</u>																											

Technical Report

prepared for:

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

Report Date: 04/01/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13C0682

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 04/01/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13C0682

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-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 March 22, 2013 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>
13C0682-29	N17	Water	03/20/2013	03/22/2013
13C0682-30	N-32	Water	03/19/2013	03/22/2013
13C0682-31	MWB1	Water	03/19/2013	03/22/2013
13C0682-32	MWB2	Water	03/19/2013	03/22/2013
13C0682-33	MWB3	Water	03/19/2013	03/22/2013
13C0682-34	MWB4	Water	03/19/2013	03/22/2013
13C0682-35	MW9801A	Water	03/20/2013	03/22/2013
13C0682-36	MW9804	Water	03/19/2013	03/22/2013

General Notes for York Project (SDG) No.: 13C0682

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
Laboratory Director

Date: 04/01/2013

YORK

Sample Information

Client Sample ID: N17

York Sample ID: 13C0682-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13C0682

Rowe Industries

Water

March 20, 2013 2:53 pm

03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 02:11	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	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	03/27/2013 15:45	03/28/2013 02:11	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS

Sample Information

Client Sample ID: N17

York Sample ID: 13C0682-29

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 2:53 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 02:11	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:11	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	108 %	63.5-145								

Sample Information

Client Sample ID: N17

York Sample ID: 13C0682-29

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 2:53 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: Toluene-d8	103 %			81.2-127						

Sample Information

Client Sample ID: N-32

York Sample ID: 13C0682-30

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 1:18 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 02:47	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	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	03/27/2013 15:45	03/28/2013 02:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS

Sample Information

Client Sample ID: N-32

York Sample ID: 13C0682-30

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 1:18 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
67-66-3	Chloroform	0.12	J	ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS

Sample Information

Client Sample ID: N-32

York Sample ID: 13C0682-30

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 1:18 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 02:47	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	106 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	102 %		81.2-127							

Sample Information

Client Sample ID: MWB1

York Sample ID: 13C0682-31

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 3:40 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 03:23	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS

Sample Information

Client Sample ID: MWB1

York Sample ID: 13C0682-31

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 3:40 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 03:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS

Sample Information

Client Sample ID: MWB1

York Sample ID: 13C0682-31

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 3:40 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 03:23	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:23	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	116 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	105 %	81.2-127								

Sample Information

Client Sample ID: MWB2

York Sample ID: 13C0682-32

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 1:33 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 03:58	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS

Sample Information

Client Sample ID: MWB2

York Sample ID: 13C0682-32

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 1:33 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS

Sample Information

Client Sample ID: MWB2

York Sample ID: 13C0682-32

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 1:33 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 03:58	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %				72.6-129					
460-00-4	Surrogate: p-Bromofluorobenzene	109 %				63.5-145					
2037-26-5	Surrogate: Toluene-d8	101 %				81.2-127					

Sample Information

Client Sample ID: MWB3

York Sample ID: 13C0682-33

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 2:25 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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

Sample Information

Client Sample ID: MWB3

York Sample ID: 13C0682-33

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 2:25 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 04:34	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	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	03/27/2013 15:45	03/28/2013 04:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS

Sample Information

Client Sample ID: MWB3

York Sample ID: 13C0682-33

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 2:25 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 04:34	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 04:34	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	106 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	104 %	81.2-127								

Sample Information

Client Sample ID: MWB4

York Sample ID: 13C0682-34

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 3:07 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 05:10	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	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	03/27/2013 15:45	03/28/2013 05:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS

Sample Information

Client Sample ID: MWB4

York Sample ID: 13C0682-34

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 3:07 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 05:10	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:10	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	116 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								

Sample Information

Client Sample ID: MW9801A

York Sample ID: 13C0682-35

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 9:43 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 05:46	SS
71-55-6	1,1,1-Trichloroethane	2.0		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	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	03/27/2013 15:45	03/28/2013 05:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS

Sample Information

Client Sample ID: MW9801A

York Sample ID: 13C0682-35

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 9:43 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 05:46	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
156-59-2	cis-1,2-Dichloroethylene	0.57		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
127-18-4	Tetrachloroethylene	48		ug/L	0.70	5.0	10	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 12:55	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
79-01-6	Trichloroethylene	0.85		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 05:46	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	106 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								

Sample Information

Client Sample ID: MW9804

York Sample ID: 13C0682-36

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 12:58 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 06:22	SS
71-55-6	1,1,1-Trichloroethane	3.8		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	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	03/27/2013 15:45	03/28/2013 06:22	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
75-34-3	1,1-Dichloroethane	0.64		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
67-64-1	Acetone	1.2	J	ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS

Sample Information

Client Sample ID: MW9804

York Sample ID: 13C0682-36

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 12:58 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 15:45	03/28/2013 06:22	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
156-59-2	cis-1,2-Dichloroethylene	68		ug/L	1.7	12	25	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 13:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
127-18-4	Tetrachloroethylene	220		ug/L	1.7	12	25	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 13:31	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
79-01-6	Trichloroethylene	31		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 15:45	03/28/2013 06:22	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.7 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	119 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								

Analytical Batch Summary

Batch ID: BC31333

Preparation Method: EPA 5030B

Prepared By: BK

YORK Sample ID	Client Sample ID	Preparation Date
13C0682-29	N17	03/27/13
13C0682-30	N-32	03/27/13
13C0682-31	MWB1	03/27/13
13C0682-32	MWB2	03/27/13
13C0682-33	MWB3	03/27/13
13C0682-34	MWB4	03/27/13
13C0682-35	MW9801A	03/27/13
13C0682-36	MW9804	03/27/13
BC31333-BLK1	Blank	03/27/13
BC31333-BS1	LCS	03/27/13
BC31333-BSD1	LCS Dup	03/27/13
BC31333-MS1	Matrix Spike	03/27/13
BC31333-MSD1	Matrix Spike Dup	03/27/13

Batch ID: BC31365

Preparation Method: EPA 5030B

Prepared By: BK

YORK Sample ID	Client Sample ID	Preparation Date
13C0682-35RE1	MW9801A	03/27/13
13C0682-36RE1	MW9804	03/27/13
BC31365-BLK1	Blank	03/28/13
BC31365-BS1	LCS	03/28/13
BC31365-BSD1	LCS Dup	03/28/13
BC31365-MS1	Matrix Spike	03/28/13
BC31365-MSD1	Matrix Spike Dup	03/28/13

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 BC31333 - EPA 5030B

Blank (BC31333-BLK1)

Prepared & Analyzed: 03/27/2013

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	ND	2.0	"
Naphthalene	0.64	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"

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 BC31333 - EPA 5030B											
Blank (BC31333-BLK1)						Prepared & Analyzed: 03/27/2013					
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>10.9</i>		<i>"</i>	<i>10.0</i>		<i>109</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.98</i>		<i>"</i>	<i>10.0</i>		<i>99.8</i>	<i>81.2-127</i>				
LCS (BC31333-BS1)						Prepared & Analyzed: 03/27/2013					
1,1,1,2-Tetrachloroethane	9.39		ug/L	10.0		93.9	82.3-130				
1,1,1-Trichloroethane	8.97		"	10.0		89.7	75.6-137				
1,1,2,2-Tetrachloroethane	9.75		"	10.0		97.5	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.55		"	10.0		85.5	71.1-129				
1,1,2-Trichloroethane	9.70		"	10.0		97.0	74.5-129				
1,1-Dichloroethane	8.78		"	10.0		87.8	79.6-132				
1,1-Dichloroethylene	8.03		"	10.0		80.3	80.2-146				
1,1-Dichloropropylene	8.87		"	10.0		88.7	75-136				
1,2,3-Trichlorobenzene	9.99		"	10.0		99.9	66.1-136				
1,2,3-Trichloropropane	11.2		"	10.0		112	63-131				
1,2,4-Trichlorobenzene	9.62		"	10.0		96.2	70.6-136				
1,2,4-Trimethylbenzene	8.80		"	10.0		88.0	75.3-135				
1,2-Dibromo-3-chloropropane	16.4		"	10.0		164	58.9-140	High Bias			
1,2-Dibromoethane	9.71		"	10.0		97.1	79-130				
1,2-Dichlorobenzene	9.09		"	10.0		90.9	76.1-122				
1,2-Dichloroethane	9.01		"	10.0		90.1	74.6-132				
1,2-Dichloropropane	8.92		"	10.0		89.2	76.9-129				
1,3,5-Trimethylbenzene	8.80		"	10.0		88.0	70.6-127				
1,3-Dichlorobenzene	8.93		"	10.0		89.3	77-124				
1,3-Dichloropropane	9.23		"	10.0		92.3	75.8-126				
1,4-Dichlorobenzene	9.12		"	10.0		91.2	76.6-125				
2,2-Dichloropropane	7.40		"	10.0		74.0	69-133				
2-Chlorotoluene	8.67		"	10.0		86.7	66.3-119				
2-Hexanone	9.56		"	10.0		95.6	70-130				
4-Chlorotoluene	9.28		"	10.0		92.8	69.2-127				
Acetone	6.85		"	10.0		68.5	70-130	Low Bias			
Benzene	9.11		"	10.0		91.1	76.2-129				
Bromobenzene	9.62		"	10.0		96.2	71.3-123				
Bromochloromethane	8.82		"	10.0		88.2	70.8-137				
Bromodichloromethane	9.35		"	10.0		93.5	79.7-134				
Bromoform	9.95		"	10.0		99.5	70.5-141				
Bromomethane	5.83		"	10.0		58.3	43.9-147				
Carbon tetrachloride	9.84		"	10.0		98.4	78.1-138				
Chlorobenzene	9.28		"	10.0		92.8	80.4-125				
Chloroethane	8.84		"	10.0		88.4	55.8-140				
Chloroform	9.35		"	10.0		93.5	76.6-133				
Chloromethane	6.86		"	10.0		68.6	48.8-115				
cis-1,2-Dichloroethylene	8.97		"	10.0		89.7	75.1-128				
cis-1,3-Dichloropropylene	9.37		"	10.0		93.7	74.5-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31333 - EPA 5030B											
LCS (BC31333-BS1)						Prepared & Analyzed: 03/27/2013					
Dibromochloromethane	9.77		ug/L	10.0		97.7	79.8-134				
Dibromomethane	10.2		"	10.0		102	79-130				
Dichlorodifluoromethane	6.11		"	10.0		61.1	47.1-101				
Ethyl Benzene	9.49		"	10.0		94.9	80.8-128				
Hexachlorobutadiene	9.57		"	10.0		95.7	64.8-128				
Isopropylbenzene	9.18		"	10.0		91.8	75.5-135				
Methyl tert-butyl ether (MTBE)	9.82		"	10.0		98.2	65.1-140				
Methylene chloride	9.25		"	10.0		92.5	61.3-120				
Naphthalene	9.95		"	10.0		99.5	62.3-148				
n-Butylbenzene	8.63		"	10.0		86.3	67.2-123				
n-Propylbenzene	8.86		"	10.0		88.6	70.5-127				
o-Xylene	9.08		"	10.0		90.8	75.9-122				
p- & m- Xylenes	18.7		"	20.0		93.6	77.7-127				
p-Isopropyltoluene	9.03		"	10.0		90.3	75.6-129				
sec-Butylbenzene	9.08		"	10.0		90.8	71.5-125				
Styrene	8.92		"	10.0		89.2	77.8-123				
tert-Butylbenzene	9.21		"	10.0		92.1	75.9-151				
Tetrachloroethylene	8.91		"	10.0		89.1	63.6-167				
Toluene	9.11		"	10.0		91.1	77-123				
trans-1,2-Dichloroethylene	8.46		"	10.0		84.6	76.3-139				
trans-1,3-Dichloropropylene	9.08		"	10.0		90.8	72.5-137				
Trichloroethylene	8.89		"	10.0		88.9	77.9-130				
Trichlorofluoromethane	8.79		"	10.0		87.9	57.4-133				
Vinyl Chloride	7.68		"	10.0		76.8	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.93</i>		<i>"</i>	<i>10.0</i>		<i>99.3</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.68</i>		<i>"</i>	<i>10.0</i>		<i>96.8</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>81.2-127</i>				

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 BC31333 - EPA 5030B											
LCS Dup (BC31333-BSD1)						Prepared & Analyzed: 03/27/2013					
1,1,1,2-Tetrachloroethane	9.09		ug/L	10.0		90.9	82.3-130		3.25	21.1	
1,1,1-Trichloroethane	9.05		"	10.0		90.5	75.6-137		0.888	19.7	
1,1,2,2-Tetrachloroethane	9.85		"	10.0		98.5	71.3-131		1.02	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.11		"	10.0		81.1	71.1-129		5.28	21.7	
1,1,2-Trichloroethane	9.66		"	10.0		96.6	74.5-129		0.413	20.3	
1,1-Dichloroethane	9.06		"	10.0		90.6	79.6-132		3.14	20.6	
1,1-Dichloroethylene	8.18		"	10.0		81.8	80.2-146		1.85	20	
1,1-Dichloropropylene	8.67		"	10.0		86.7	75-136		2.28	19.3	
1,2,3-Trichlorobenzene	9.73		"	10.0		97.3	66.1-136		2.64	21.6	
1,2,3-Trichloropropane	11.3		"	10.0		113	63-131		0.266	23.9	
1,2,4-Trichlorobenzene	9.64		"	10.0		96.4	70.6-136		0.208	21.7	
1,2,4-Trimethylbenzene	8.82		"	10.0		88.2	75.3-135		0.227	18.8	
1,2-Dibromo-3-chloropropane	13.3		"	10.0		133	58.9-140		20.9	27.7	
1,2-Dibromoethane	9.43		"	10.0		94.3	79-130		2.93	23	
1,2-Dichlorobenzene	9.30		"	10.0		93.0	76.1-122		2.28	19.8	
1,2-Dichloroethane	9.30		"	10.0		93.0	74.6-132		3.17	20.2	
1,2-Dichloropropane	9.33		"	10.0		93.3	76.9-129		4.49	20.7	
1,3,5-Trimethylbenzene	8.95		"	10.0		89.5	70.6-127		1.69	18.9	
1,3-Dichlorobenzene	9.13		"	10.0		91.3	77-124		2.21	19.2	
1,3-Dichloropropane	8.93		"	10.0		89.3	75.8-126		3.30	22.1	
1,4-Dichlorobenzene	9.09		"	10.0		90.9	76.6-125		0.329	18.6	
2,2-Dichloropropane	7.17		"	10.0		71.7	69-133		3.16	19.8	
2-Chlorotoluene	8.87		"	10.0		88.7	66.3-119		2.28	21.6	
2-Hexanone	9.48		"	10.0		94.8	70-130		0.840	30	
4-Chlorotoluene	9.30		"	10.0		93.0	69.2-127		0.215	19	
Acetone	6.15		"	10.0		61.5	70-130	Low Bias	10.8	30	
Benzene	9.14		"	10.0		91.4	76.2-129		0.329	19	
Bromobenzene	9.34		"	10.0		93.4	71.3-123		2.95	20.3	
Bromochloromethane	8.65		"	10.0		86.5	70.8-137		1.95	23.9	
Bromodichloromethane	9.48		"	10.0		94.8	79.7-134		1.38	21	
Bromoform	9.78		"	10.0		97.8	70.5-141		1.72	21.8	
Bromomethane	5.92		"	10.0		59.2	43.9-147		1.53	28.4	
Carbon tetrachloride	9.39		"	10.0		93.9	78.1-138		4.68	20.1	
Chlorobenzene	9.41		"	10.0		94.1	80.4-125		1.39	19.9	
Chloroethane	8.53		"	10.0		85.3	55.8-140		3.57	23.3	
Chloroform	9.21		"	10.0		92.1	76.6-133		1.51	20.3	
Chloromethane	6.98		"	10.0		69.8	48.8-115		1.73	24.5	
cis-1,2-Dichloroethylene	8.87		"	10.0		88.7	75.1-128		1.12	20.5	
cis-1,3-Dichloropropylene	9.35		"	10.0		93.5	74.5-128		0.214	19.9	
Dibromochloromethane	9.96		"	10.0		99.6	79.8-134		1.93	21.3	
Dibromomethane	10.3		"	10.0		103	79-130		1.07	22.4	
Dichlorodifluoromethane	5.95		"	10.0		59.5	47.1-101		2.65	23.9	
Ethyl Benzene	9.68		"	10.0		96.8	80.8-128		1.98	19.2	
Hexachlorobutadiene	9.62		"	10.0		96.2	64.8-128		0.521	20.6	
Isopropylbenzene	9.27		"	10.0		92.7	75.5-135		0.976	20	
Methyl tert-butyl ether (MTBE)	9.37		"	10.0		93.7	65.1-140		4.69	23.6	
Methylene chloride	8.96		"	10.0		89.6	61.3-120		3.19	20.4	
Naphthalene	9.91		"	10.0		99.1	62.3-148		0.403	27.1	
n-Butylbenzene	8.81		"	10.0		88.1	67.2-123		2.06	19.1	
n-Propylbenzene	9.17		"	10.0		91.7	70.5-127		3.44	23.4	
o-Xylene	9.15		"	10.0		91.5	75.9-122		0.768	19.3	
p- & m- Xylenes	18.6		"	20.0		93.2	77.7-127		0.428	18.6	
p-Isopropyltoluene	9.26		"	10.0		92.6	75.6-129		2.52	19.1	
sec-Butylbenzene	9.12		"	10.0		91.2	71.5-125		0.440	18.9	

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

York Analytical Laboratories, Inc.

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

Batch BC31333 - EPA 5030B

LCS Dup (BC31333-BSD1)

Prepared & Analyzed: 03/27/2013

Styrene	9.31		ug/L	10.0		93.1	77.8-123		4.28	20.9	
tert-Butylbenzene	9.16		"	10.0		91.6	75.9-151		0.544	20.9	
Tetrachloroethylene	8.90		"	10.0		89.0	63.6-167		0.112	27.7	
Toluene	9.16		"	10.0		91.6	77-123		0.547	18.7	
trans-1,2-Dichloroethylene	8.41		"	10.0		84.1	76.3-139		0.593	19.5	
trans-1,3-Dichloropropylene	9.26		"	10.0		92.6	72.5-137		1.96	19.3	
Trichloroethylene	8.80		"	10.0		88.0	77.9-130		1.02	20.5	
Trichlorofluoromethane	8.76		"	10.0		87.6	57.4-133		0.342	21.4	
Vinyl Chloride	7.67		"	10.0		76.7	54.9-124		0.130	22.3	
Surrogate: 1,2-Dichloroethane-d4	9.79		"	10.0		97.9	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				

Matrix Spike (BC31333-MS1)

*Source sample: 13C0682-36 (MW9804)

Prepared: 03/27/2013 Analyzed: 03/28/2013

1,1,1,2-Tetrachloroethane	9.63		ug/L	10.0	ND	96.3	82-138				
1,1,1-Trichloroethane	14.2		"	10.0	3.80	104	85.7-133				
1,1,2,2-Tetrachloroethane	10.4		"	10.0	ND	104	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.33		"	10.0	ND	93.3	74.8-131				
1,1,2-Trichloroethane	10.0		"	10.0	ND	100	82.5-129				
1,1-Dichloroethane	10.7		"	10.0	0.640	101	81.4-137				
1,1-Dichloroethylene	8.90		"	10.0	ND	89.0	90-138	Low Bias			
1,1-Dichloropropylene	9.45		"	10.0	ND	94.5	91.7-131				
1,2,3-Trichlorobenzene	10.5		"	10.0	ND	105	75.9-130				
1,2,3-Trichloropropane	11.5		"	10.0	ND	115	77.1-140				
1,2,4-Trichlorobenzene	9.75		"	10.0	ND	97.5	69.8-135				
1,2,4-Trimethylbenzene	9.37		"	10.0	ND	93.7	79.4-131				
1,2-Dibromo-3-chloropropane	15.5		"	10.0	ND	155	66.6-143	High Bias			
1,2-Dibromoethane	9.40		"	10.0	ND	94.0	79.8-136				
1,2-Dichlorobenzene	9.65		"	10.0	ND	96.5	79.9-130				
1,2-Dichloroethane	9.89		"	10.0	ND	98.9	85-133				
1,2-Dichloropropane	9.42		"	10.0	ND	94.2	81.1-132				
1,3,5-Trimethylbenzene	9.35		"	10.0	ND	93.5	76.1-121				
1,3-Dichlorobenzene	9.36		"	10.0	ND	93.6	79.1-124				
1,3-Dichloropropane	11.6		"	10.0	ND	116	83.3-130				
1,4-Dichlorobenzene	9.42		"	10.0	ND	94.2	79.4-128				
2,2-Dichloropropane	7.26		"	10.0	ND	72.6	54.2-126				
2-Chlorotoluene	9.18		"	10.0	ND	91.8	60.2-144				
2-Hexanone	9.81		"	10.0	ND	98.1	70-130				
4-Chlorotoluene	9.40		"	10.0	ND	94.0	79.8-128				
Acetone	8.23		"	10.0	1.23	70.0	70-130				
Benzene	10.0		"	10.0	ND	100	74.1-134				
Bromobenzene	9.55		"	10.0	ND	95.5	76.6-125				
Bromochloromethane	9.65		"	10.0	ND	96.5	85-133				
Bromodichloromethane	9.74		"	10.0	ND	97.4	80.8-143				
Bromoform	10.6		"	10.0	ND	106	65.8-164				
Bromomethane	3.95		"	10.0	ND	39.5	68.7-112	Low Bias			
Carbon tetrachloride	10.7		"	10.0	ND	107	85.7-138				
Chlorobenzene	9.40		"	10.0	ND	94.0	79.9-129				
Chloroethane	9.36		"	10.0	ND	93.6	74.7-127				
Chloroform	10.1		"	10.0	ND	101	50.6-145				
Chloromethane	6.72		"	10.0	ND	67.2	64-111				
cis-1,2-Dichloroethylene	86.3		"	10.0	68.5	178	75.5-129	High Bias			
cis-1,3-Dichloropropylene	9.53		"	10.0	ND	95.3	74.3-128				
Dibromochloromethane	10.0		"	10.0	ND	100	76.8-150				

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

York Analytical Laboratories, Inc.

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

Batch BC31333 - EPA 5030B

Matrix Spike (BC31333-MS1)		*Source sample: 13C0682-36 (MW9804)				Prepared: 03/27/2013 Analyzed: 03/28/2013					
Dibromomethane	10.5		ug/L	10.0	ND	105	83.3-140				
Dichlorodifluoromethane	6.07		"	10.0	ND	60.7	51-100				
Ethyl Benzene	9.85		"	10.0	ND	98.5	82.9-127				
Hexachlorobutadiene	9.90		"	10.0	ND	99.0	73-128				
Isopropylbenzene	9.51		"	10.0	ND	95.1	78.7-131				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0	ND	104	81.2-134				
Methylene chloride	9.82		"	10.0	ND	98.2	57.8-103				
Naphthalene	10.0		"	10.0	ND	100	80.1-122				
n-Butylbenzene	9.05		"	10.0	ND	90.5	72.4-120				
n-Propylbenzene	9.33		"	10.0	ND	93.3	74-130				
o-Xylene	9.18		"	10.0	ND	91.8	78.8-122				
p- & m- Xylenes	19.0		"	20.0	ND	95.0	82.5-123				
p-Isopropyltoluene	9.40		"	10.0	ND	94.0	64.9-132				
sec-Butylbenzene	9.63		"	10.0	ND	96.3	25.4-151				
Styrene	9.78		"	10.0	ND	97.8	74.1-134				
tert-Butylbenzene	9.48		"	10.0	ND	94.8	79.5-171				
Tetrachloroethylene	346		"	10.0	221	NR	72.5-130	High Bias			
Toluene	9.45		"	10.0	ND	94.5	77.8-121				
trans-1,2-Dichloroethylene	9.25		"	10.0	ND	92.5	83.8-140				
trans-1,3-Dichloropropylene	9.48		"	10.0	ND	94.8	74.9-136				
Trichloroethylene	42.4		"	10.0	31.3	111	84.4-125				
Trichlorofluoromethane	9.69		"	10.0	ND	96.9	78.7-127				
Vinyl Chloride	7.39		"	10.0	ND	73.9	72.1-116				
Surrogate: 1,2-Dichloroethane-d4	11.3		"	10.0		113	72.6-129				
Surrogate: p-Bromofluorobenzene	10.0		"	10.0		100	63.5-145				
Surrogate: Toluene-d8	10.2		"	10.0		102	81.2-127				

Matrix Spike Dup (BC31333-MSD1)		*Source sample: 13C0682-36 (MW9804)				Prepared: 03/27/2013 Analyzed: 03/28/2013					
1,1,1,2-Tetrachloroethane	9.85		ug/L	10.0	ND	98.5	82-138		2.26	21.3	
1,1,1-Trichloroethane	13.6		"	10.0	3.80	98.4	85.7-133		5.05	22.6	
1,1,2,2-Tetrachloroethane	10.2		"	10.0	ND	102	78.6-136		2.72	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.22		"	10.0	ND	92.2	74.8-131		1.19	25.6	
1,1,2-Trichloroethane	10.2		"	10.0	ND	102	82.5-129		1.38	19.3	
1,1-Dichloroethane	10.3		"	10.0	0.640	96.5	81.4-137		4.16	20.7	
1,1-Dichloroethylene	8.45		"	10.0	ND	84.5	90-138	Low Bias	5.19	22.9	
1,1-Dichloropropylene	9.33		"	10.0	ND	93.3	91.7-131		1.28	24.9	
1,2,3-Trichlorobenzene	10.4		"	10.0	ND	104	75.9-130		0.575	21.4	
1,2,3-Trichloropropane	12.2		"	10.0	ND	122	77.1-140		5.56	28	
1,2,4-Trichlorobenzene	9.86		"	10.0	ND	98.6	69.8-135		1.12	22.5	
1,2,4-Trimethylbenzene	9.77		"	10.0	ND	97.7	79.4-131		4.18	33.9	
1,2-Dibromo-3-chloropropane	15.8		"	10.0	ND	158	66.6-143	High Bias	2.30	23.3	
1,2-Dibromoethane	9.76		"	10.0	ND	97.6	79.8-136		3.76	19.1	
1,2-Dichlorobenzene	9.81		"	10.0	ND	98.1	79.9-130		1.64	23.2	
1,2-Dichloroethane	9.83		"	10.0	ND	98.3	85-133		0.609	19.1	
1,2-Dichloropropane	9.54		"	10.0	ND	95.4	81.1-132		1.27	19.9	
1,3,5-Trimethylbenzene	9.72		"	10.0	ND	97.2	76.1-121		3.88	31.2	
1,3-Dichlorobenzene	9.27		"	10.0	ND	92.7	79.1-124		0.966	22.6	
1,3-Dichloropropane	11.8		"	10.0	ND	118	83.3-130		2.05	20.9	
1,4-Dichlorobenzene	9.53		"	10.0	ND	95.3	79.4-128		1.16	21	
2,2-Dichloropropane	7.04		"	10.0	ND	70.4	54.2-126		3.08	24.5	
2-Chlorotoluene	9.59		"	10.0	ND	95.9	60.2-144		4.37	30.8	
2-Hexanone	10.1		"	10.0	ND	101	70-130		3.01	30	
4-Chlorotoluene	9.89		"	10.0	ND	98.9	79.8-128		5.08	23.2	
Acetone	8.16		"	10.0	1.23	69.3	70-130	Low Bias	1.01	30	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31333 - EPA 5030B											
Matrix Spike Dup (BC31333-MSD1)	*Source sample: 13C0682-36 (MW9804)						Prepared: 03/27/2013 Analyzed: 03/28/2013				
Benzene	9.68		ug/L	10.0	ND	96.8	74.1-134		3.65	20.8	
Bromobenzene	10.0		"	10.0	ND	100	76.6-125		4.80	23	
Bromochloromethane	9.56		"	10.0	ND	95.6	85-133		0.937	18.4	
Bromodichloromethane	9.87		"	10.0	ND	98.7	80.8-143		1.33	18.1	
Bromoform	10.3		"	10.0	ND	103	65.8-164		2.98	27.3	
Bromomethane	4.86		"	10.0	ND	48.6	68.7-112	Low Bias	20.7	22.8	
Carbon tetrachloride	10.1		"	10.0	ND	101	85.7-138		5.37	25.1	
Chlorobenzene	9.74		"	10.0	ND	97.4	79.9-129		3.55	21	
Chloroethane	8.89		"	10.0	ND	88.9	74.7-127		5.15	23.7	
Chloroform	9.69		"	10.0	ND	96.9	50.6-145		4.54	21.7	
Chloromethane	6.65		"	10.0	ND	66.5	64-111		1.05	21.4	
cis-1,2-Dichloroethylene	84.8		"	10.0	68.5	163	75.5-129	High Bias	8.45	20.2	
cis-1,3-Dichloropropylene	9.45		"	10.0	ND	94.5	74.3-128		0.843	19.8	
Dibromochloromethane	9.96		"	10.0	ND	99.6	76.8-150		0.700	20.8	
Dibromomethane	10.6		"	10.0	ND	106	83.3-140		1.04	20.4	
Dichlorodifluoromethane	5.64		"	10.0	ND	56.4	51-100		7.34	27.6	
Ethyl Benzene	9.95		"	10.0	ND	99.5	82.9-127		1.01	21.4	
Hexachlorobutadiene	10.4		"	10.0	ND	104	73-128		5.41	26	
Isopropylbenzene	10.0		"	10.0	ND	100	78.7-131		5.22	26.7	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0	ND	102	81.2-134		2.52	21.2	
Methylene chloride	9.55		"	10.0	ND	95.5	57.8-103		2.79	21.2	
Naphthalene	10.7		"	10.0	ND	107	80.1-122		6.36	26.1	
n-Butylbenzene	9.41		"	10.0	ND	94.1	72.4-120		3.90	30.8	
n-Propylbenzene	9.89		"	10.0	ND	98.9	74-130		5.83	31	
o-Xylene	9.35		"	10.0	ND	93.5	78.8-122		1.83	21	
p- & m- Xylenes	19.5		"	20.0	ND	97.6	82.5-123		2.65	22.5	
p-Isopropyltoluene	9.70		"	10.0	ND	97.0	64.9-132		3.14	25.2	
sec-Butylbenzene	10.0		"	10.0	ND	100	25.4-151		4.27	25.2	
Styrene	9.96		"	10.0	ND	99.6	74.1-134		1.82	20	
tert-Butylbenzene	9.92		"	10.0	ND	99.2	79.5-171		4.54	24.8	
Tetrachloroethylene	350		"	10.0	221	NR	72.5-130	High Bias	2.73	22.7	
Toluene	9.49		"	10.0	ND	94.9	77.8-121		0.422	21.5	
trans-1,2-Dichloroethylene	9.12		"	10.0	ND	91.2	83.8-140		1.42	20.1	
trans-1,3-Dichloropropylene	9.57		"	10.0	ND	95.7	74.9-136		0.945	22.5	
Trichloroethylene	42.2		"	10.0	31.3	109	84.4-125		1.63	20.7	
Trichlorofluoromethane	9.26		"	10.0	ND	92.6	78.7-127		4.54	24.7	
Vinyl Chloride	7.76		"	10.0	ND	77.6	72.1-116		4.88	24.9	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</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 BC31365 - EPA 5030B

Blank (BC31365-BLK1)

Prepared & Analyzed: 03/28/2013

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	ND	2.0	"
Naphthalene	0.94	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31365 - EPA 5030B											
Blank (BC31365-BLK1)						Prepared & Analyzed: 03/28/2013					
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11.1</i>		<i>"</i>	<i>10.0</i>		<i>111</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>81.2-127</i>				
LCS (BC31365-BS1)						Prepared & Analyzed: 03/28/2013					
1,1,1,2-Tetrachloroethane	9.08		ug/L	10.0		90.8	82.3-130				
1,1,1-Trichloroethane	8.92		"	10.0		89.2	75.6-137				
1,1,2,2-Tetrachloroethane	9.59		"	10.0		95.9	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.76		"	10.0		77.6	71.1-129				
1,1,2-Trichloroethane	9.14		"	10.0		91.4	74.5-129				
1,1-Dichloroethane	8.76		"	10.0		87.6	79.6-132				
1,1-Dichloroethylene	7.42		"	10.0		74.2	80.2-146	Low Bias			
1,1-Dichloropropylene	8.46		"	10.0		84.6	75-136				
1,2,3-Trichlorobenzene	10.0		"	10.0		100	66.1-136				
1,2,3-Trichloropropane	11.1		"	10.0		111	63-131				
1,2,4-Trichlorobenzene	9.78		"	10.0		97.8	70.6-136				
1,2,4-Trimethylbenzene	9.29		"	10.0		92.9	75.3-135				
1,2-Dibromo-3-chloropropane	13.9		"	10.0		139	58.9-140				
1,2-Dibromoethane	9.34		"	10.0		93.4	79-130				
1,2-Dichlorobenzene	9.43		"	10.0		94.3	76.1-122				
1,2-Dichloroethane	9.17		"	10.0		91.7	74.6-132				
1,2-Dichloropropane	8.85		"	10.0		88.5	76.9-129				
1,3,5-Trimethylbenzene	9.44		"	10.0		94.4	70.6-127				
1,3-Dichlorobenzene	9.15		"	10.0		91.5	77-124				
1,3-Dichloropropane	8.65		"	10.0		86.5	75.8-126				
1,4-Dichlorobenzene	9.59		"	10.0		95.9	76.6-125				
2,2-Dichloropropane	9.00		"	10.0		90.0	69-133				
2-Chlorotoluene	9.40		"	10.0		94.0	66.3-119				
2-Hexanone	9.48		"	10.0		94.8	70-130				
4-Chlorotoluene	9.42		"	10.0		94.2	69.2-127				
Acetone	6.85		"	10.0		68.5	70-130	Low Bias			
Benzene	9.01		"	10.0		90.1	76.2-129				
Bromobenzene	9.35		"	10.0		93.5	71.3-123				
Bromochloromethane	8.78		"	10.0		87.8	70.8-137				
Bromodichloromethane	9.06		"	10.0		90.6	79.7-134				
Bromoform	10.1		"	10.0		101	70.5-141				
Bromomethane	5.32		"	10.0		53.2	43.9-147				
Carbon tetrachloride	9.46		"	10.0		94.6	78.1-138				
Chlorobenzene	8.91		"	10.0		89.1	80.4-125				
Chloroethane	7.70		"	10.0		77.0	55.8-140				
Chloroform	9.24		"	10.0		92.4	76.6-133				
Chloromethane	5.20		"	10.0		52.0	48.8-115				
cis-1,2-Dichloroethylene	8.85		"	10.0		88.5	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	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31365 - EPA 5030B											
LCS (BC31365-BS1)						Prepared & Analyzed: 03/28/2013					
Dibromochloromethane	9.50		ug/L	10.0		95.0	79.8-134	Low Bias			
Dibromomethane	9.25		"	10.0		92.5	79-130				
Dichlorodifluoromethane	3.44		"	10.0		34.4	47.1-101				
Ethyl Benzene	9.27		"	10.0		92.7	80.8-128				
Hexachlorobutadiene	10.0		"	10.0		100	64.8-128				
Isopropylbenzene	9.48		"	10.0		94.8	75.5-135				
Methyl tert-butyl ether (MTBE)	9.32		"	10.0		93.2	65.1-140				
Methylene chloride	8.85		"	10.0		88.5	61.3-120				
Naphthalene	10.4		"	10.0		104	62.3-148				
n-Butylbenzene	9.23		"	10.0		92.3	67.2-123				
n-Propylbenzene	9.38		"	10.0		93.8	70.5-127				
o-Xylene	8.98		"	10.0		89.8	75.9-122				
p- & m- Xylenes	18.3		"	20.0		91.3	77.7-127				
p-Isopropyltoluene	9.44		"	10.0		94.4	75.6-129				
sec-Butylbenzene	9.55		"	10.0		95.5	71.5-125				
Styrene	9.32		"	10.0		93.2	77.8-123				
tert-Butylbenzene	9.40		"	10.0		94.0	75.9-151				
Tetrachloroethylene	8.66		"	10.0		86.6	63.6-167				
Toluene	8.82		"	10.0		88.2	77-123				
trans-1,2-Dichloroethylene	8.23		"	10.0		82.3	76.3-139				
trans-1,3-Dichloropropylene	9.32		"	10.0		93.2	72.5-137				
Trichloroethylene	8.56		"	10.0		85.6	77.9-130				
Trichlorofluoromethane	7.59		"	10.0		75.9	57.4-133				
Vinyl Chloride	5.94		"	10.0		59.4	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>81.2-127</i>				

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 BC31365 - EPA 5030B											
LCS Dup (BC31365-BSI1)						Prepared & Analyzed: 03/28/2013					
1,1,1,2-Tetrachloroethane	8.70		ug/L	10.0		87.0	82.3-130		4.27	21.1	
1,1,1-Trichloroethane	9.31		"	10.0		93.1	75.6-137		4.28	19.7	
1,1,2,2-Tetrachloroethane	9.80		"	10.0		98.0	71.3-131		2.17	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.05		"	10.0		80.5	71.1-129		3.67	21.7	
1,1,2-Trichloroethane	9.39		"	10.0		93.9	74.5-129		2.70	20.3	
1,1-Dichloroethane	9.32		"	10.0		93.2	79.6-132		6.19	20.6	
1,1-Dichloroethylene	7.89		"	10.0		78.9	80.2-146	Low Bias	6.14	20	
1,1-Dichloropropylene	8.87		"	10.0		88.7	75-136		4.73	19.3	
1,2,3-Trichlorobenzene	9.78		"	10.0		97.8	66.1-136		2.32	21.6	
1,2,3-Trichloropropane	10.9		"	10.0		109	63-131		1.82	23.9	
1,2,4-Trichlorobenzene	9.62		"	10.0		96.2	70.6-136		1.65	21.7	
1,2,4-Trimethylbenzene	8.82		"	10.0		88.2	75.3-135		5.19	18.8	
1,2-Dibromo-3-chloropropane	14.4		"	10.0		144	58.9-140	High Bias	3.61	27.7	
1,2-Dibromoethane	9.22		"	10.0		92.2	79-130		1.29	23	
1,2-Dichlorobenzene	9.44		"	10.0		94.4	76.1-122		0.106	19.8	
1,2-Dichloroethane	9.59		"	10.0		95.9	74.6-132		4.48	20.2	
1,2-Dichloropropane	8.98		"	10.0		89.8	76.9-129		1.46	20.7	
1,3,5-Trimethylbenzene	9.14		"	10.0		91.4	70.6-127		3.23	18.9	
1,3-Dichlorobenzene	8.74		"	10.0		87.4	77-124		4.58	19.2	
1,3-Dichloropropane	8.68		"	10.0		86.8	75.8-126		0.346	22.1	
1,4-Dichlorobenzene	9.28		"	10.0		92.8	76.6-125		3.29	18.6	
2,2-Dichloropropane	9.16		"	10.0		91.6	69-133		1.76	19.8	
2-Chlorotoluene	9.21		"	10.0		92.1	66.3-119		2.04	21.6	
2-Hexanone	9.11		"	10.0		91.1	70-130		3.98	30	
4-Chlorotoluene	9.30		"	10.0		93.0	69.2-127		1.28	19	
Acetone	6.54		"	10.0		65.4	70-130	Low Bias	4.63	30	
Benzene	9.12		"	10.0		91.2	76.2-129		1.21	19	
Bromobenzene	9.34		"	10.0		93.4	71.3-123		0.107	20.3	
Bromochloromethane	8.93		"	10.0		89.3	70.8-137		1.69	23.9	
Bromodichloromethane	9.21		"	10.0		92.1	79.7-134		1.64	21	
Bromoform	9.72		"	10.0		97.2	70.5-141		4.13	21.8	
Bromomethane	5.70		"	10.0		57.0	43.9-147		6.90	28.4	
Carbon tetrachloride	9.61		"	10.0		96.1	78.1-138		1.57	20.1	
Chlorobenzene	8.95		"	10.0		89.5	80.4-125		0.448	19.9	
Chloroethane	0.160		"	10.0		1.60	55.8-140	Low Bias	192	23.3	Non-dir.
Chloroform	9.58		"	10.0		95.8	76.6-133		3.61	20.3	
Chloromethane	5.46		"	10.0		54.6	48.8-115		4.88	24.5	
cis-1,2-Dichloroethylene	9.13		"	10.0		91.3	75.1-128		3.11	20.5	
cis-1,3-Dichloropropylene	9.30		"	10.0		93.0	74.5-128		3.59	19.9	
Dibromochloromethane	9.57		"	10.0		95.7	79.8-134		0.734	21.3	
Dibromomethane	10.1		"	10.0		101	79-130		9.18	22.4	
Dichlorodifluoromethane	3.73		"	10.0		37.3	47.1-101	Low Bias	8.09	23.9	
Ethyl Benzene	9.25		"	10.0		92.5	80.8-128		0.216	19.2	
Hexachlorobutadiene	9.68		"	10.0		96.8	64.8-128		3.65	20.6	
Isopropylbenzene	9.34		"	10.0		93.4	75.5-135		1.49	20	
Methyl tert-butyl ether (MTBE)	9.81		"	10.0		98.1	65.1-140		5.12	23.6	
Methylene chloride	9.16		"	10.0		91.6	61.3-120		3.44	20.4	
Naphthalene	10.1		"	10.0		101	62.3-148		2.93	27.1	
n-Butylbenzene	8.98		"	10.0		89.8	67.2-123		2.75	19.1	
n-Propylbenzene	9.06		"	10.0		90.6	70.5-127		3.47	23.4	
o-Xylene	8.85		"	10.0		88.5	75.9-122		1.46	19.3	
p- & m- Xylenes	18.5		"	20.0		92.6	77.7-127		1.41	18.6	
p-Isopropyltoluene	9.25		"	10.0		92.5	75.6-129		2.03	19.1	
sec-Butylbenzene	9.26		"	10.0		92.6	71.5-125		3.08	18.9	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31365 - EPA 5030B											
LCS Dup (BC31365-BSD1)						Prepared & Analyzed: 03/28/2013					
Styrene	9.38		ug/L	10.0		93.8	77.8-123		0.642	20.9	
tert-Butylbenzene	9.25		"	10.0		92.5	75.9-151		1.61	20.9	
Tetrachloroethylene	8.69		"	10.0		86.9	63.6-167		0.346	27.7	
Toluene	8.88		"	10.0		88.8	77-123		0.678	18.7	
trans-1,2-Dichloroethylene	8.57		"	10.0		85.7	76.3-139		4.05	19.5	
trans-1,3-Dichloropropylene	9.48		"	10.0		94.8	72.5-137		1.70	19.3	
Trichloroethylene	8.76		"	10.0		87.6	77.9-130		2.31	20.5	
Trichlorofluoromethane	7.96		"	10.0		79.6	57.4-133		4.76	21.4	
Vinyl Chloride	6.05		"	10.0		60.5	54.9-124		1.83	22.3	
Surrogate: 1,2-Dichloroethane-d4	10.6		"	10.0		106	72.6-129				
Surrogate: p-Bromofluorobenzene	9.87		"	10.0		98.7	63.5-145				
Surrogate: Toluene-d8	9.96		"	10.0		99.6	81.2-127				
Matrix Spike (BC31365-MS1)						*Source sample: 13C0682-36RE1 (MW9804) Prepared & Analyzed: 03/28/2013					
1,1,1,2-Tetrachloroethane	9.22		ug/L	10.0	ND	92.2	82-138				
1,1,1-Trichloroethane	9.94		"	10.0	ND	99.4	85.7-133				
1,1,2,2-Tetrachloroethane	8.86		"	10.0	ND	88.6	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.58		"	10.0	ND	95.8	74.8-131				
1,1,2-Trichloroethane	9.56		"	10.0	ND	95.6	82.5-129				
1,1-Dichloroethane	9.84		"	10.0	ND	98.4	81.4-137				
1,1-Dichloroethylene	9.31		"	10.0	ND	93.1	90-138				
1,1-Dichloropropylene	9.22		"	10.0	ND	92.2	91.7-131				
1,2,3-Trichlorobenzene	9.02		"	10.0	ND	90.2	75.9-130				
1,2,3-Trichloropropane	10.3		"	10.0	ND	103	77.1-140				
1,2,4-Trichlorobenzene	9.55		"	10.0	ND	95.5	69.8-135				
1,2,4-Trimethylbenzene	9.68		"	10.0	ND	96.8	79.4-131				
1,2-Dibromo-3-chloropropane	14.4		"	10.0	ND	144	66.6-143	High Bias			
1,2-Dibromoethane	9.20		"	10.0	ND	92.0	79.8-136				
1,2-Dichlorobenzene	9.24		"	10.0	ND	92.4	79.9-130				
1,2-Dichloroethane	9.06		"	10.0	ND	90.6	85-133				
1,2-Dichloropropane	9.43		"	10.0	ND	94.3	81.1-132				
1,3,5-Trimethylbenzene	9.85		"	10.0	ND	98.5	76.1-121				
1,3-Dichlorobenzene	9.40		"	10.0	ND	94.0	79.1-124				
1,3-Dichloropropane	9.01		"	10.0	ND	90.1	83.3-130				
1,4-Dichlorobenzene	9.32		"	10.0	ND	93.2	79.4-128				
2,2-Dichloropropane	9.78		"	10.0	ND	97.8	54.2-126				
2-Chlorotoluene	9.73		"	10.0	ND	97.3	60.2-144				
2-Hexanone	7.95		"	10.0	ND	79.5	70-130				
4-Chlorotoluene	9.76		"	10.0	ND	97.6	79.8-128				
Acetone	6.60		"	10.0	ND	66.0	70-130	Low Bias			
Benzene	9.65		"	10.0	ND	96.5	74.1-134				
Bromobenzene	9.48		"	10.0	ND	94.8	76.6-125				
Bromochloromethane	9.09		"	10.0	ND	90.9	85-133				
Bromodichloromethane	9.49		"	10.0	ND	94.9	80.8-143				
Bromoform	9.57		"	10.0	ND	95.7	65.8-164				
Bromomethane	4.27		"	10.0	ND	42.7	68.7-112	Low Bias			
Carbon tetrachloride	10.7		"	10.0	ND	107	85.7-138				
Chlorobenzene	9.45		"	10.0	ND	94.5	79.9-129				
Chloroethane	9.63		"	10.0	ND	96.3	74.7-127				
Chloroform	9.67		"	10.0	ND	96.7	50.6-145				
Chloromethane	8.40		"	10.0	ND	84.0	64-111				
cis-1,2-Dichloroethylene	12.2		"	10.0	2.74	94.8	75.5-129				
cis-1,3-Dichloropropylene	9.95		"	10.0	ND	99.5	74.3-128				
Dibromochloromethane	9.49		"	10.0	ND	94.9	76.8-150				

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

York Analytical Laboratories, Inc.

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

Batch BC31365 - EPA 5030B

Matrix Spike (BC31365-MS1)		*Source sample: 13C0682-36RE1 (MW9804)					Prepared & Analyzed: 03/28/2013				
Dibromomethane	9.90		ug/L	10.0	ND	99.0	83.3-140				
Dichlorodifluoromethane	9.83		"	10.0	ND	98.3	51-100				
Ethyl Benzene	9.90		"	10.0	ND	99.0	82.9-127				
Hexachlorobutadiene	10.5		"	10.0	ND	105	73-128				
Isopropylbenzene	9.98		"	10.0	ND	99.8	78.7-131				
Methyl tert-butyl ether (MTBE)	9.19		"	10.0	ND	91.9	81.2-134				
Methylene chloride	9.56		"	10.0	ND	95.6	57.8-103				
Naphthalene	8.15		"	10.0	ND	81.5	80.1-122				
n-Butylbenzene	9.45		"	10.0	ND	94.5	72.4-120				
n-Propylbenzene	9.91		"	10.0	ND	99.1	74-130				
o-Xylene	9.44		"	10.0	ND	94.4	78.8-122				
p- & m- Xylenes	20.1		"	20.0	ND	100	82.5-123				
p-Isopropyltoluene	9.85		"	10.0	ND	98.5	64.9-132				
sec-Butylbenzene	10.0		"	10.0	ND	100	25.4-151				
Styrene	9.87		"	10.0	ND	98.7	74.1-134				
tert-Butylbenzene	9.78		"	10.0	ND	97.8	79.5-171				
Tetrachloroethylene	19.2		"	10.0	8.84	104	72.5-130				
Toluene	9.70		"	10.0	ND	97.0	77.8-121				
trans-1,2-Dichloroethylene	9.34		"	10.0	ND	93.4	83.8-140				
trans-1,3-Dichloropropylene	9.51		"	10.0	ND	95.1	74.9-136				
Trichloroethylene	10.8		"	10.0	0.890	99.0	84.4-125				
Trichlorofluoromethane	10.0		"	10.0	ND	100	78.7-127				
Vinyl Chloride	9.15		"	10.0	ND	91.5	72.1-116				
Surrogate: 1,2-Dichloroethane-d4	9.60		"	10.0		96.0	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				

Matrix Spike Dup (BC31365-MSD1)		*Source sample: 13C0682-36RE1 (MW9804)					Prepared & Analyzed: 03/28/2013				
1,1,1,2-Tetrachloroethane	9.20		ug/L	10.0	ND	92.0	82-138	0.217	21.3		
1,1,1-Trichloroethane	10.1		"	10.0	ND	101	85.7-133	1.40	22.6		
1,1,2,2-Tetrachloroethane	9.75		"	10.0	ND	97.5	78.6-136	9.56	23.1		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.44		"	10.0	ND	94.4	74.8-131	1.47	25.6		
1,1,2-Trichloroethane	9.59		"	10.0	ND	95.9	82.5-129	0.313	19.3		
1,1-Dichloroethane	9.57		"	10.0	ND	95.7	81.4-137	2.78	20.7		
1,1-Dichloroethylene	9.22		"	10.0	ND	92.2	90-138	0.971	22.9		
1,1-Dichloropropylene	9.55		"	10.0	ND	95.5	91.7-131	3.52	24.9		
1,2,3-Trichlorobenzene	9.70		"	10.0	ND	97.0	75.9-130	7.26	21.4		
1,2,3-Trichloropropane	10.7		"	10.0	ND	107	77.1-140	4.29	28		
1,2,4-Trichlorobenzene	9.84		"	10.0	ND	98.4	69.8-135	2.99	22.5		
1,2,4-Trimethylbenzene	9.02		"	10.0	ND	90.2	79.4-131	7.06	33.9		
1,2-Dibromo-3-chloropropane	14.8		"	10.0	ND	148	66.6-143	High Bias	2.05	23.3	
1,2-Dibromoethane	9.74		"	10.0	ND	97.4	79.8-136	5.70	19.1		
1,2-Dichlorobenzene	9.38		"	10.0	ND	93.8	79.9-130	1.50	23.2		
1,2-Dichloroethane	9.90		"	10.0	ND	99.0	85-133	8.86	19.1		
1,2-Dichloropropane	9.45		"	10.0	ND	94.5	81.1-132	0.212	19.9		
1,3,5-Trimethylbenzene	9.38		"	10.0	ND	93.8	76.1-121	4.89	31.2		
1,3-Dichlorobenzene	9.16		"	10.0	ND	91.6	79.1-124	2.59	22.6		
1,3-Dichloropropane	9.76		"	10.0	ND	97.6	83.3-130	7.99	20.9		
1,4-Dichlorobenzene	9.13		"	10.0	ND	91.3	79.4-128	2.06	21		
2,2-Dichloropropane	9.30		"	10.0	ND	93.0	54.2-126	5.03	24.5		
2-Chlorotoluene	9.21		"	10.0	ND	92.1	60.2-144	5.49	30.8		
2-Hexanone	10.7		"	10.0	ND	107	70-130	29.7	30		
4-Chlorotoluene	9.23		"	10.0	ND	92.3	79.8-128	5.58	23.2		
Acetone	7.61		"	10.0	ND	76.1	70-130	14.2	30		

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31365 - EPA 5030B											
Matrix Spike Dup (BC31365-MSD1)	*Source sample: 13C0682-36RE1 (MW9804)						Prepared & Analyzed: 03/28/2013				
Benzene	9.51		ug/L	10.0	ND	95.1	74.1-134		1.46	20.8	
Bromobenzene	9.61		"	10.0	ND	96.1	76.6-125		1.36	23	
Bromochloromethane	9.64		"	10.0	ND	96.4	85-133		5.87	18.4	
Bromodichloromethane	9.85		"	10.0	ND	98.5	80.8-143		3.72	18.1	
Bromoform	10.1		"	10.0	ND	101	65.8-164		5.59	27.3	
Bromomethane	5.53		"	10.0	ND	55.3	68.7-112	Low Bias	25.7	22.8	Non-dir.
Carbon tetrachloride	10.4		"	10.0	ND	104	85.7-138		3.04	25.1	
Chlorobenzene	9.44		"	10.0	ND	94.4	79.9-129		0.106	21	
Chloroethane	9.48		"	10.0	ND	94.8	74.7-127		1.57	23.7	
Chloroform	9.74		"	10.0	ND	97.4	50.6-145		0.721	21.7	
Chloromethane	8.19		"	10.0	ND	81.9	64-111		2.53	21.4	
cis-1,2-Dichloroethylene	12.3		"	10.0	2.74	95.2	75.5-129		0.421	20.2	
cis-1,3-Dichloropropylene	10.0		"	10.0	ND	100	74.3-128		0.701	19.8	
Dibromochloromethane	9.76		"	10.0	ND	97.6	76.8-150		2.81	20.8	
Dibromomethane	10.7		"	10.0	ND	107	83.3-140		8.05	20.4	
Dichlorodifluoromethane	9.66		"	10.0	ND	96.6	51-100		1.74	27.6	
Ethyl Benzene	9.70		"	10.0	ND	97.0	82.9-127		2.04	21.4	
Hexachlorobutadiene	9.45		"	10.0	ND	94.5	73-128		10.1	26	
Isopropylbenzene	9.53		"	10.0	ND	95.3	78.7-131		4.61	26.7	
Methyl tert-butyl ether (MTBE)	10.3		"	10.0	ND	103	81.2-134		11.1	21.2	
Methylene chloride	9.75		"	10.0	ND	97.5	57.8-103		1.97	21.2	
Naphthalene	9.64		"	10.0	ND	96.4	80.1-122		16.8	26.1	
n-Butylbenzene	9.15		"	10.0	ND	91.5	72.4-120		3.23	30.8	
n-Propylbenzene	9.24		"	10.0	ND	92.4	74-130		7.00	31	
o-Xylene	9.35		"	10.0	ND	93.5	78.8-122		0.958	21	
p- & m- Xylenes	19.1		"	20.0	ND	95.7	82.5-123		4.89	22.5	
p-Isopropyltoluene	9.35		"	10.0	ND	93.5	64.9-132		5.21	25.2	
sec-Butylbenzene	9.29		"	10.0	ND	92.9	25.4-151		7.56	25.2	
Styrene	9.76		"	10.0	ND	97.6	74.1-134		1.12	20	
tert-Butylbenzene	9.40		"	10.0	ND	94.0	79.5-171		3.96	24.8	
Tetrachloroethylene	18.8		"	10.0	8.84	99.3	72.5-130		4.24	22.7	
Toluene	9.34		"	10.0	ND	93.4	77.8-121		3.78	21.5	
trans-1,2-Dichloroethylene	9.00		"	10.0	ND	90.0	83.8-140		3.71	20.1	
trans-1,3-Dichloropropylene	9.70		"	10.0	ND	97.0	74.9-136		1.98	22.5	
Trichloroethylene	10.2		"	10.0	0.890	93.0	84.4-125		6.25	20.7	
Trichlorofluoromethane	9.91		"	10.0	ND	99.1	78.7-127		1.30	24.7	
Vinyl Chloride	9.12		"	10.0	ND	91.2	72.1-116		0.328	24.9	
Surrogate: 1,2-Dichloroethane-d4	10.5		"	10.0		105	72.6-129				
Surrogate: p-Bromofluorobenzene	10.1		"	10.0		101	63.5-145				
Surrogate: Toluene-d8	9.96		"	10.0		99.6	81.2-127				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13C0682-29	N17	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-30	N-32	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-31	MWB1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-32	MWB2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-33	MWB3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-34	MWB4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-35	MW9801A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-36	MW9804	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

VOA-CO	The result reported is most likely due to carryover from a previous sample run in the batch. Data user should take note.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.



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

Field Chain-of-Custody Record

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York Project No. 13C0682

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: <u>LBt Inc.</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>
Address: <u>4 Research Dr. Suite 301</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>
Phone No. <u>203.929.8558</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>
Contact Person: <u>T. Sander</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>
E-Mail Address: <u>TSander@lbt.com</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved. Samples Collected/Authorized By (Signature) <u>[Signature]</u> Name (printed) <u>S. Hatt / E. Allison / C. Colwell</u>											
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor											
Volatiles 8260 full TICs Site Spec. Nassau Co. Suffolk Co. Ketones Oxygenates TCLP list TAGM list CT RCP list 524.2 Arom. only 502.2 NIDEPL list App. IX list 8021B list											
Semi-Vols., Pest/PCB/Herb 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list Site Spec. SPLP or TCLP TCLP list NIDEPL list App. IX TCLP BNA SPLP or TCLP 608 PCB											
Metals RCRA8 PP13 list TAL CT15 list TAGM list NIDEPL list Total Dissolved SPLP or TCLP Air VPH Air TICs Methane Helium											
Full Lists Pri. Poll. TCL Organics TAL MetCN Full TCLP Full App. IX Part 360-Routine Part 360-Baseline Part 360-Residual Part 360-Expositional Full Lab NYSDEC Sewer NYSDEC TAGM Silica											
Misc. Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos											
Other York Regulatory Comparison Excel Spreadsheet Compare to the following Regs. (please fill in):											
Container Description(s) 3V											
Choose Analyses Needed from the Menu Above and Enter Below 8260 full list											
Sample Matrix GW											
Date/Time Sampled 3/19/13 940 3/19/13 1010 3/20/13 1544 3/21/13 810 3/21/13 840 3/19/13 1010 3/19/13 1040 3/19/13 944 3/19/13 1228 3/20/13 1519											
Sample Identification MW28A MW28B MW43A MW43B MW43C MW44A MW44B MW44C MW45A MW46A											
Preservation Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐											
Temperature on Receipt 3.7°C											
Comments One lab report per coc											

Field Chain-of-Custody Record

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This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 130682

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type/Deliverables																																																																																																															
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YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
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(203) 325-1371
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Page 3 of 5

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York Project No. 13C0682

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York Project No. 130682

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type							
Company: <u>LBG Inc.</u> Address: <u>4 Research Dr. Suite 201</u> Phone No. <u>203 929 8555</u> Contact Person: <u>T. Sander</u> E-Mail Address: <u>TSander@LbgInc.com</u>		Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		<u>Roux Industries</u> <u>Purchase Order No.</u> <u>NABAG-004.07</u> Samples from: CT NY NJ		☐ RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☒ Standard (5-7 Days)		☐ Summary w/ QA Summary ☒ CT RCP Package ☐ CTRCP DQA/DUE Pkg ☐ NY ASP A Package ☒ NY ASP B Package ☐ NJDEP Red. Deliv. ☒ Electronic Data Deliverables (EDD)							
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 list 624 STARS list Nassau Co. BTEX 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 SPL Por TCLP		Metals RCRA8 PP13 list TAL CT15 list TAGM list NUDEP list Total Dissolved SPL Por TCLP Ind. Metals LIST Below		Misc. Org. TPH GRO 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 MeCN Full TCLP Full App. IX Part 360 Routine Part 360 Baseline Part 360 Ignitable Part 360 Corrosive NYDEP Sewer NYDEP Seve TAGM Silica		Misc. Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos		Other York Regulatory Comparison Excel Spreadsheet Compare to the following Regs. (please fill in)	
Samples Collected/Authorized By (Signature) <u>S. Huet / E. Allison / C. Colwell</u> Name (printed)		Sample Matrix <u>GW</u>		Choose Analyses Needed from the Menu Above and Enter Below <u>8260 full list</u>		Container Description(s) <u>3v</u>											
Sample Identification <u>N17</u> <u>N-32</u> <u>MWB1</u> <u>MWB2</u> <u>MWB3</u> <u>MWB4</u> <u>MW9801A</u> <u>MW9804</u> <u>MW9804 MS</u> <u>MW9804 MSD</u>		Date/Time Sampled <u>3/20/13 1453</u> <u>3/19/13 1318</u> <u>3/19/13 1540</u> <u>3/19/13 1333</u> <u>3/19/13 1425</u> <u>3/19/13 1507</u> <u>3/20/13 943</u> <u>3/19/13 1258</u> <u>3/19/13 1258</u> <u>3/19/13 1258</u>		Preservation Check those Applicable Special Instructions ☐ Field Filtered ☐ Lab to Filter		4°C _____ Frozen _____ HCl _____ MeOH _____ HNO ₃ _____ NaOH _____ Ascorbic Acid _____ Other _____		Temperature on Receipt <u>3.7°C</u>									
Comments <u>One Lab report per coc</u>		Samples Relinquished By <u>Michael Huet</u> Date/Time <u>3/22/13 1353</u>		Samples Received By <u>Page 3-22-13 1510</u> Date/Time		Samples Relinquished By Date/Time		Samples Received in LAB by Date/Time									

Field Chain-of-Custody Record

Page 5 of 5

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. / 3c0682

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type/Deliverables		
Company: <u>LBb Inc.</u>	Company: <u>same</u>	Company: <u>same</u>		Company: <u>same</u>		RUSH - Same Day ☐		Summary Report <u>x pdf</u>		Summary w/ QA Summary <u>x pdf</u>		
Address: <u>4 Research Dr. Shelton, CT 06484</u>	Address: <u>same</u>	Address: <u>same</u>		Address: <u>same</u>		RUSH - Next Day ☐		CT RCP Package		NY ASP A Package		
Phone No. <u>203 929 8555</u>	Phone No. <u>same</u>	Phone No. <u>same</u>		Phone No. <u>same</u>		RUSH - Two Day ☐		RUSH - Three Day ☐		NY ASP B Package <u>x pdf</u>		
Contact Person: <u>T. Sander</u>	Attention: <u>same</u>	Attention: <u>same</u>		Attention: <u>same</u>		RUSH - Four Day ☐		Electronic Deliverables:		EDD (Specify Type)		
E-Mail Address: <u>TSander@York.com</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>		E-Mail Address: <u>same</u>		Standard(5-7 Days) <u>X</u>		Excel <u>X</u>				
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until all questions by York are resolved. Samples Collected/Authorized By (Signature) <u>E. Allison</u> Signed / <u>E. Allison</u> C. Colwell												
Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)	Miscellaneous Parameters		Common Lists		Full Lists		Special Instructions	
MW9805A	3/20/13 1307	GW	8260 full list / ethane, ethene	4v	TPH GRO	TPH DRO	TPH DRO	TPH DRO	TPH DRO	TPH DRO	TPH DRO	Color
MW9805B	3/20/13 1143	I	8260 full list / ethane, ethene	4v	CT ETPH	CT ETPH	CT ETPH	CT ETPH	CT ETPH	CT ETPH	CT ETPH	Phenols
MWA	3/21/13 1245	I	8260 full list	3v	NY 310-13	NY 310-13	NY 310-13	NY 310-13	NY 310-13	NY 310-13	NY 310-13	TKN
MWB	3/19/13 1600	I		3v	Full App. IX	Full App. IX	Full App. IX	Full App. IX	Full App. IX	Full App. IX	Full App. IX	Cyanide-A
TBSH				3v	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	BOD5
TBEA				3v	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	Chloride
TBCU				3v	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	BOD28
FBSH	3/21/13 1100			3v	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	TOC
FBEA	3/21/13			3v	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	TOC
FBCU	3/21/13 1000			3v	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	Part 360-Routine	TOC
Comments: <u>One has report per case</u>				Preservation: <u>4°C</u> <u>Frozen</u> <u>HCl</u> <u>MeOH</u> <u>HNO₃</u> <u>H₂O</u> <u>NaOH</u> <u>Other</u>				Temperature on Receipt: <u>3.7°C</u>				
Samples Relinquished By: <u>Michael H. [Signature]</u> Date/Time: <u>3/22/13 1351</u>				Samples Relinquished By: <u>Chen C</u> Date/Time: <u>3-22-13 13:50</u>				Samples Relinquished By: <u>Grace</u> Date/Time: <u>3-22-13 1510</u>				

Technical Report

prepared for:

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

Report Date: 04/01/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13C0682

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 04/01/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13C0682

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-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 March 22, 2013 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>
13C0682-37	MW9805A	Water	03/20/2013	03/22/2013
13C0682-38	MW9805B	Water	03/20/2013	03/22/2013
13C0682-39	MWA	Water	03/21/2013	03/22/2013
13C0682-40	MWB	Water	03/19/2013	03/22/2013
13C0682-41	TBSH	Water	03/19/2013	03/22/2013
13C0682-42	TBEA	Water	03/19/2013	03/22/2013
13C0682-43	TBCC	Water	03/19/2013	03/22/2013
13C0682-44	FBSH	Water	03/21/2013	03/22/2013
13C0682-45	FBEA	Water	03/21/2013	03/22/2013
13C0682-46	FBCC	Water	03/21/2013	03/22/2013

General Notes for York Project (SDG) No.: 13C0682

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
Laboratory Director

Date: 04/01/2013

YORK

Sample Information

Client Sample ID: MW9805A

York Sample ID: 13C0682-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13C0682

Rowe Industries

Water

March 20, 2013 1:07 pm

03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:21	03/28/2013 14:07	SS
71-55-6	1,1,1-Trichloroethane	0.54		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
75-34-3	1,1-Dichloroethane	0.90		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
71-43-2	Benzene	0.36	J	ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS

Sample Information

Client Sample ID: MW9805A

York Sample ID: 13C0682-37

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 1:07 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:21	03/28/2013 14:07	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
156-59-2	cis-1,2-Dichloroethylene	59		ug/L	0.34	2.5	5	EPA SW846-8260B	03/27/2013 08:21	04/01/2013 11:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
127-18-4	Tetrachloroethylene	17		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
108-88-3	Toluene	0.39	J	ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
79-01-6	Trichloroethylene	2.0		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
75-01-4	Vinyl Chloride	2.3		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:07	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	109 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	103 %	81.2-127								

Sample Information

Client Sample ID: MW9805A

York Sample ID: 13C0682-37

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 1:07 pm

Date Received
03/22/2013

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-84-0	Ethane	ND		ug/L	10	10	1	GC/Headspace	03/28/2013 16:08	03/28/2013 16:08	JW
74-85-1	Ethylene (Ethene)	ND		ug/L	10	10	1	GC/Headspace	03/28/2013 16:08	03/28/2013 16:08	JW

Sample Information

Client Sample ID: MW9805B

York Sample ID: 13C0682-38

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 11:43 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:21	03/28/2013 14:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS

Sample Information

Client Sample ID: MW9805B

York Sample ID: 13C0682-38

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 11:43 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
67-64-1	Acetone	2.9		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
71-43-2	Benzene	1.6		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
156-59-2	cis-1,2-Dichloroethylene	0.59		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
100-41-4	Ethyl Benzene	0.34	J	ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
1330-20-7P/M	p- & m- Xylenes	0.15	J	ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
127-18-4	Tetrachloroethylene	0.17	J	ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS

Sample Information

Client Sample ID: MW9805B

York Sample ID: 13C0682-38

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 20, 2013 11:43 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	7.3		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
79-01-6	Trichloroethylene	0.26	J	ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
1330-20-7	Xylenes, Total	0.15	J	ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 14:43	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	109 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	102 %		81.2-127							

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-84-0	Ethane	ND		ug/L	10	10	1	GC/Headspace	03/28/2013 16:08	03/28/2013 16:08	JW
74-85-1	Ethylene (Ethene)	ND		ug/L	10	10	1	GC/Headspace	03/28/2013 16:08	03/28/2013 16:08	JW

Sample Information

Client Sample ID: MWA

York Sample ID: 13C0682-39

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 12:05 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:21	03/28/2013 15:19	SS
71-55-6	1,1,1-Trichloroethane	0.33	J	ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS

Sample Information

Client Sample ID: MWA

York Sample ID: 13C0682-39

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 12:05 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS

Sample Information

Client Sample ID: MWA

York Sample ID: 13C0682-39

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 12:05 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
127-18-4	Tetrachloroethylene	0.54		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
79-01-6	Trichloroethylene	1.4		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:19	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	110 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								

Sample Information

Client Sample ID: MWB

York Sample ID: 13C0682-40

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 4:00 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:21	03/28/2013 15:54	SS
71-55-6	1,1,1-Trichloroethane	1.9		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS

Sample Information

Client Sample ID: MWB

York Sample ID: 13C0682-40

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 4:00 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
75-34-3	1,1-Dichloroethane	1.4		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
67-66-3	Chloroform	0.21	J	ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS

Sample Information

Client Sample ID: MWB

York Sample ID: 13C0682-40

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 4:00 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
127-18-4	Tetrachloroethylene	0.29	J	ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 15:54	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	108 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								

Sample Information

Client Sample ID: TBSH

York Sample ID: 13C0682-41

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 3:00 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:21	03/28/2013 16:30	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS

Sample Information

Client Sample ID: TBSH

York Sample ID: 13C0682-41

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 3:00 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/27/2013 08:21	03/28/2013 16:30	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/27/2013 08:21	03/28/2013 16:30	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	109 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	103 %	81.2-127								

Sample Information

Client Sample ID: TBEA

York Sample ID: 13C0682-42

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 3:00 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/28/2013 12:20	03/29/2013 00:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	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	03/28/2013 12:20	03/29/2013 00:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS

Sample Information

Client Sample ID: TBEA

York Sample ID: 13C0682-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13C0682

Rowe Industries

Water

March 19, 2013 3:00 pm

03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/28/2013 12:20	03/29/2013 00:17	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
108-88-3	Toluene	0.10	J	ug/L	0.042	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:17	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	115 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	100 %	81.2-127								

Sample Information

<u>Client Sample ID:</u> TBCC		<u>York Sample ID:</u> 13C0682-43		
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
13C0682	Rowe Industries	Water	March 19, 2013 3:00 pm	03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/28/2013 12:20	03/29/2013 00:56	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	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	03/28/2013 12:20	03/29/2013 00:56	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS

Sample Information

Client Sample ID: TBCC

York Sample ID: 13C0682-43

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 19, 2013 3:00 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/28/2013 12:20	03/29/2013 00:56	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
108-88-3	Toluene	0.11	J	ug/L	0.042	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 00:56	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	118 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	100 %	81.2-127								

Sample Information

Client Sample ID: FBSH

York Sample ID: 13C0682-44

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 11:00 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/28/2013 12:20	03/29/2013 01:36	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	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	03/28/2013 12:20	03/29/2013 01:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS

Sample Information

Client Sample ID: FBSH

York Sample ID: 13C0682-44

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 11:00 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/28/2013 12:20	03/29/2013 01:36	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
156-59-2	cis-1,2-Dichloroethylene	0.15	J	ug/L	0.069	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
127-18-4	Tetrachloroethylene	0.13	J	ug/L	0.070	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
108-88-3	Toluene	0.10	J	ug/L	0.042	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 01:36	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	114 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	98.7 %	81.2-127								

Sample Information

Client Sample ID: FBEA

York Sample ID: 13C0682-45

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13C0682

Rowe Industries

Water

March 21, 2013 3:00 pm

03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/28/2013 12:20	03/29/2013 02:15	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
67-64-1	Acetone	0.93	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS

Sample Information

Client Sample ID: FBEA

York Sample ID: 13C0682-45

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 3:00 pm

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/28/2013 12:20	03/29/2013 02:15	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
95-47-6	o-Xylene	0.17	J	ug/L	0.050	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
1330-20-7	Xylenes, Total	0.17	J	ug/L	0.12	1.5	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:15	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	115 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	100 %	81.2-127								

Sample Information

Client Sample ID: FBCC

York Sample ID: 13C0682-46

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 10:00 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/28/2013 12:20	03/29/2013 02:55	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 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	03/28/2013 12:20	03/29/2013 02:55	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
67-64-1	Acetone	1.0	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS

Sample Information

Client Sample ID: FBCC

York Sample ID: 13C0682-46

York Project (SDG) No.
13C0682

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 21, 2013 10:00 am

Date Received
03/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	03/28/2013 12:20	03/29/2013 02:55	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
95-47-6	o-Xylene	0.17	J	ug/L	0.050	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 02:55	SS
1330-20-7	Xylenes, Total	0.17	J	ug/L	0.12	1.5	1	EPA SW846-8260B	03/28/2013 12:20	03/29/2013 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	115 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	99.3 %	81.2-127								

Analytical Batch Summary

Batch ID: BC31345 **Preparation Method:** Preparation for GC Analysis **Prepared By:** JW

YORK Sample ID	Client Sample ID	Preparation Date
13C0682-37	MW9805A	03/28/13
13C0682-38	MW9805B	03/28/13
BC31345-BLK1	Blank	03/28/13
BC31345-DUP1	Duplicate	03/28/13

Batch ID: BC31365 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13C0682-37	MW9805A	03/27/13
13C0682-38	MW9805B	03/27/13
13C0682-39	MWA	03/27/13
13C0682-40	MWB	03/27/13
13C0682-41	TBSH	03/27/13
BC31365-BLK1	Blank	03/28/13
BC31365-BS1	LCS	03/28/13
BC31365-BSD1	LCS Dup	03/28/13

Batch ID: BC31387 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13C0682-42	TBEA	03/28/13
13C0682-43	TBCC	03/28/13
13C0682-44	FBSH	03/28/13
13C0682-45	FBEA	03/28/13
13C0682-46	FBCC	03/28/13
BC31387-BLK1	Blank	03/28/13
BC31387-BS1	LCS	03/28/13
BC31387-BSD1	LCS Dup	03/28/13

Batch ID: BD30025 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13C0682-37RE1	MW9805A	04/01/13
BD30025-BLK1	Blank	04/01/13
BD30025-BS1	LCS	04/01/13
BD30025-BSD1	LCS Dup	04/01/13

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 BC31365 - EPA 5030B

Blank (BC31365-BLK1)

Prepared & Analyzed: 03/28/2013

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	ND	2.0	"
Naphthalene	0.94	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31365 - EPA 5030B											
Blank (BC31365-BLK1)						Prepared & Analyzed: 03/28/2013					
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11.1</i>		<i>"</i>	<i>10.0</i>		<i>111</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>81.2-127</i>				
LCS (BC31365-BS1)						Prepared & Analyzed: 03/28/2013					
1,1,1,2-Tetrachloroethane	9.08		ug/L	10.0		90.8	82.3-130				
1,1,1-Trichloroethane	8.92		"	10.0		89.2	75.6-137				
1,1,2,2-Tetrachloroethane	9.59		"	10.0		95.9	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.76		"	10.0		77.6	71.1-129				
1,1,2-Trichloroethane	9.14		"	10.0		91.4	74.5-129				
1,1-Dichloroethane	8.76		"	10.0		87.6	79.6-132				
1,1-Dichloroethylene	7.42		"	10.0		74.2	80.2-146	Low Bias			
1,1-Dichloropropylene	8.46		"	10.0		84.6	75-136				
1,2,3-Trichlorobenzene	10.0		"	10.0		100	66.1-136				
1,2,3-Trichloropropane	11.1		"	10.0		111	63-131				
1,2,4-Trichlorobenzene	9.78		"	10.0		97.8	70.6-136				
1,2,4-Trimethylbenzene	9.29		"	10.0		92.9	75.3-135				
1,2-Dibromo-3-chloropropane	13.9		"	10.0		139	58.9-140				
1,2-Dibromoethane	9.34		"	10.0		93.4	79-130				
1,2-Dichlorobenzene	9.43		"	10.0		94.3	76.1-122				
1,2-Dichloroethane	9.17		"	10.0		91.7	74.6-132				
1,2-Dichloropropane	8.85		"	10.0		88.5	76.9-129				
1,3,5-Trimethylbenzene	9.44		"	10.0		94.4	70.6-127				
1,3-Dichlorobenzene	9.15		"	10.0		91.5	77-124				
1,3-Dichloropropane	8.65		"	10.0		86.5	75.8-126				
1,4-Dichlorobenzene	9.59		"	10.0		95.9	76.6-125				
2,2-Dichloropropane	9.00		"	10.0		90.0	69-133				
2-Chlorotoluene	9.40		"	10.0		94.0	66.3-119				
2-Hexanone	9.48		"	10.0		94.8	70-130				
4-Chlorotoluene	9.42		"	10.0		94.2	69.2-127				
Acetone	6.85		"	10.0		68.5	70-130	Low Bias			
Benzene	9.01		"	10.0		90.1	76.2-129				
Bromobenzene	9.35		"	10.0		93.5	71.3-123				
Bromochloromethane	8.78		"	10.0		87.8	70.8-137				
Bromodichloromethane	9.06		"	10.0		90.6	79.7-134				
Bromoform	10.1		"	10.0		101	70.5-141				
Bromomethane	5.32		"	10.0		53.2	43.9-147				
Carbon tetrachloride	9.46		"	10.0		94.6	78.1-138				
Chlorobenzene	8.91		"	10.0		89.1	80.4-125				
Chloroethane	7.70		"	10.0		77.0	55.8-140				
Chloroform	9.24		"	10.0		92.4	76.6-133				
Chloromethane	5.20		"	10.0		52.0	48.8-115				
cis-1,2-Dichloroethylene	8.85		"	10.0		88.5	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	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31365 - EPA 5030B											
LCS (BC31365-BS1)						Prepared & Analyzed: 03/28/2013					
Dibromochloromethane	9.50		ug/L	10.0		95.0	79.8-134	Low Bias			
Dibromomethane	9.25		"	10.0		92.5	79-130				
Dichlorodifluoromethane	3.44		"	10.0		34.4	47.1-101				
Ethyl Benzene	9.27		"	10.0		92.7	80.8-128				
Hexachlorobutadiene	10.0		"	10.0		100	64.8-128				
Isopropylbenzene	9.48		"	10.0		94.8	75.5-135				
Methyl tert-butyl ether (MTBE)	9.32		"	10.0		93.2	65.1-140				
Methylene chloride	8.85		"	10.0		88.5	61.3-120				
Naphthalene	10.4		"	10.0		104	62.3-148				
n-Butylbenzene	9.23		"	10.0		92.3	67.2-123				
n-Propylbenzene	9.38		"	10.0		93.8	70.5-127				
o-Xylene	8.98		"	10.0		89.8	75.9-122				
p- & m- Xylenes	18.3		"	20.0		91.3	77.7-127				
p-Isopropyltoluene	9.44		"	10.0		94.4	75.6-129				
sec-Butylbenzene	9.55		"	10.0		95.5	71.5-125				
Styrene	9.32		"	10.0		93.2	77.8-123				
tert-Butylbenzene	9.40		"	10.0		94.0	75.9-151				
Tetrachloroethylene	8.66		"	10.0		86.6	63.6-167				
Toluene	8.82		"	10.0		88.2	77-123				
trans-1,2-Dichloroethylene	8.23		"	10.0		82.3	76.3-139				
trans-1,3-Dichloropropylene	9.32		"	10.0		93.2	72.5-137				
Trichloroethylene	8.56		"	10.0		85.6	77.9-130				
Trichlorofluoromethane	7.59		"	10.0		75.9	57.4-133				
Vinyl Chloride	5.94		"	10.0		59.4	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>81.2-127</i>				

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 BC31365 - EPA 5030B											
LCS Dup (BC31365-BSI1)						Prepared & Analyzed: 03/28/2013					
1,1,1,2-Tetrachloroethane	8.70		ug/L	10.0		87.0	82.3-130		4.27	21.1	
1,1,1-Trichloroethane	9.31		"	10.0		93.1	75.6-137		4.28	19.7	
1,1,2,2-Tetrachloroethane	9.80		"	10.0		98.0	71.3-131		2.17	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.05		"	10.0		80.5	71.1-129		3.67	21.7	
1,1,2-Trichloroethane	9.39		"	10.0		93.9	74.5-129		2.70	20.3	
1,1-Dichloroethane	9.32		"	10.0		93.2	79.6-132		6.19	20.6	
1,1-Dichloroethylene	7.89		"	10.0		78.9	80.2-146	Low Bias	6.14	20	
1,1-Dichloropropylene	8.87		"	10.0		88.7	75-136		4.73	19.3	
1,2,3-Trichlorobenzene	9.78		"	10.0		97.8	66.1-136		2.32	21.6	
1,2,3-Trichloropropane	10.9		"	10.0		109	63-131		1.82	23.9	
1,2,4-Trichlorobenzene	9.62		"	10.0		96.2	70.6-136		1.65	21.7	
1,2,4-Trimethylbenzene	8.82		"	10.0		88.2	75.3-135		5.19	18.8	
1,2-Dibromo-3-chloropropane	14.4		"	10.0		144	58.9-140	High Bias	3.61	27.7	
1,2-Dibromoethane	9.22		"	10.0		92.2	79-130		1.29	23	
1,2-Dichlorobenzene	9.44		"	10.0		94.4	76.1-122		0.106	19.8	
1,2-Dichloroethane	9.59		"	10.0		95.9	74.6-132		4.48	20.2	
1,2-Dichloropropane	8.98		"	10.0		89.8	76.9-129		1.46	20.7	
1,3,5-Trimethylbenzene	9.14		"	10.0		91.4	70.6-127		3.23	18.9	
1,3-Dichlorobenzene	8.74		"	10.0		87.4	77-124		4.58	19.2	
1,3-Dichloropropane	8.68		"	10.0		86.8	75.8-126		0.346	22.1	
1,4-Dichlorobenzene	9.28		"	10.0		92.8	76.6-125		3.29	18.6	
2,2-Dichloropropane	9.16		"	10.0		91.6	69-133		1.76	19.8	
2-Chlorotoluene	9.21		"	10.0		92.1	66.3-119		2.04	21.6	
2-Hexanone	9.11		"	10.0		91.1	70-130		3.98	30	
4-Chlorotoluene	9.30		"	10.0		93.0	69.2-127		1.28	19	
Acetone	6.54		"	10.0		65.4	70-130	Low Bias	4.63	30	
Benzene	9.12		"	10.0		91.2	76.2-129		1.21	19	
Bromobenzene	9.34		"	10.0		93.4	71.3-123		0.107	20.3	
Bromochloromethane	8.93		"	10.0		89.3	70.8-137		1.69	23.9	
Bromodichloromethane	9.21		"	10.0		92.1	79.7-134		1.64	21	
Bromoform	9.72		"	10.0		97.2	70.5-141		4.13	21.8	
Bromomethane	5.70		"	10.0		57.0	43.9-147		6.90	28.4	
Carbon tetrachloride	9.61		"	10.0		96.1	78.1-138		1.57	20.1	
Chlorobenzene	8.95		"	10.0		89.5	80.4-125		0.448	19.9	
Chloroethane	0.160		"	10.0		1.60	55.8-140	Low Bias	192	23.3	Non-dir.
Chloroform	9.58		"	10.0		95.8	76.6-133		3.61	20.3	
Chloromethane	5.46		"	10.0		54.6	48.8-115		4.88	24.5	
cis-1,2-Dichloroethylene	9.13		"	10.0		91.3	75.1-128		3.11	20.5	
cis-1,3-Dichloropropylene	9.30		"	10.0		93.0	74.5-128		3.59	19.9	
Dibromochloromethane	9.57		"	10.0		95.7	79.8-134		0.734	21.3	
Dibromomethane	10.1		"	10.0		101	79-130		9.18	22.4	
Dichlorodifluoromethane	3.73		"	10.0		37.3	47.1-101	Low Bias	8.09	23.9	
Ethyl Benzene	9.25		"	10.0		92.5	80.8-128		0.216	19.2	
Hexachlorobutadiene	9.68		"	10.0		96.8	64.8-128		3.65	20.6	
Isopropylbenzene	9.34		"	10.0		93.4	75.5-135		1.49	20	
Methyl tert-butyl ether (MTBE)	9.81		"	10.0		98.1	65.1-140		5.12	23.6	
Methylene chloride	9.16		"	10.0		91.6	61.3-120		3.44	20.4	
Naphthalene	10.1		"	10.0		101	62.3-148		2.93	27.1	
n-Butylbenzene	8.98		"	10.0		89.8	67.2-123		2.75	19.1	
n-Propylbenzene	9.06		"	10.0		90.6	70.5-127		3.47	23.4	
o-Xylene	8.85		"	10.0		88.5	75.9-122		1.46	19.3	
p- & m- Xylenes	18.5		"	20.0		92.6	77.7-127		1.41	18.6	
p-Isopropyltoluene	9.25		"	10.0		92.5	75.6-129		2.03	19.1	
sec-Butylbenzene	9.26		"	10.0		92.6	71.5-125		3.08	18.9	

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

York Analytical Laboratories, Inc.

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

Batch BC31365 - EPA 5030B

LCS Dup (BC31365-BSD1)

Prepared & Analyzed: 03/28/2013

Styrene	9.38		ug/L	10.0		93.8	77.8-123		0.642	20.9	
tert-Butylbenzene	9.25		"	10.0		92.5	75.9-151		1.61	20.9	
Tetrachloroethylene	8.69		"	10.0		86.9	63.6-167		0.346	27.7	
Toluene	8.88		"	10.0		88.8	77-123		0.678	18.7	
trans-1,2-Dichloroethylene	8.57		"	10.0		85.7	76.3-139		4.05	19.5	
trans-1,3-Dichloropropylene	9.48		"	10.0		94.8	72.5-137		1.70	19.3	
Trichloroethylene	8.76		"	10.0		87.6	77.9-130		2.31	20.5	
Trichlorofluoromethane	7.96		"	10.0		79.6	57.4-133		4.76	21.4	
Vinyl Chloride	6.05		"	10.0		60.5	54.9-124		1.83	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>9.87</i>		<i>"</i>	<i>10.0</i>		<i>98.7</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.96</i>		<i>"</i>	<i>10.0</i>		<i>99.6</i>	<i>81.2-127</i>				

Batch BC31387 - EPA 5030B

Blank (BC31387-BLK1)

Prepared & Analyzed: 03/28/2013

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	1.9	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"

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 BC31387 - EPA 5030B

Blank (BC31387-BLK1)

Prepared & Analyzed: 03/28/2013

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	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	"

Surrogate: 1,2-Dichloroethane-d4	10.7	"	10.0	107	72.6-129
Surrogate: p-Bromofluorobenzene	11.9	"	10.0	119	63.5-145
Surrogate: Toluene-d8	9.96	"	10.0	99.6	81.2-127

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31387 - EPA 5030B											
LCS (BC31387-BS1)						Prepared & Analyzed: 03/28/2013					
1,1,1,2-Tetrachloroethane	9.67		ug/L	10.0		96.7	82.3-130				
1,1,1-Trichloroethane	10.6		"	10.0		106	75.6-137				
1,1,2,2-Tetrachloroethane	9.21		"	10.0		92.1	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.72		"	10.0		97.2	71.1-129				
1,1,2-Trichloroethane	8.71		"	10.0		87.1	74.5-129				
1,1-Dichloroethane	9.84		"	10.0		98.4	79.6-132				
1,1-Dichloroethylene	9.57		"	10.0		95.7	80.2-146				
1,1-Dichloropropylene	9.57		"	10.0		95.7	75-136				
1,2,3-Trichlorobenzene	10.5		"	10.0		105	66.1-136				
1,2,3-Trichloropropane	8.52		"	10.0		85.2	63-131				
1,2,4-Trichlorobenzene	10.0		"	10.0		100	70.6-136				
1,2,4-Trimethylbenzene	15.6		"	10.0		156	75.3-135	High Bias			
1,2-Dibromo-3-chloropropane	6.07		"	10.0		60.7	58.9-140				
1,2-Dibromoethane	9.56		"	10.0		95.6	79-130				
1,2-Dichlorobenzene	9.61		"	10.0		96.1	76.1-122				
1,2-Dichloroethane	9.23		"	10.0		92.3	74.6-132				
1,2-Dichloropropane	8.97		"	10.0		89.7	76.9-129				
1,3,5-Trimethylbenzene	12.0		"	10.0		120	70.6-127				
1,3-Dichlorobenzene	9.98		"	10.0		99.8	77-124				
1,3-Dichloropropane	8.62		"	10.0		86.2	75.8-126				
1,4-Dichlorobenzene	9.93		"	10.0		99.3	76.6-125				
2,2-Dichloropropane	8.04		"	10.0		80.4	69-133				
2-Chlorotoluene	9.76		"	10.0		97.6	66.3-119				
2-Hexanone	8.22		"	10.0		82.2	70-130				
4-Chlorotoluene	9.94		"	10.0		99.4	69.2-127				
Acetone	7.20		"	10.0		72.0	70-130				
Benzene	10.5		"	10.0		105	76.2-129				
Bromobenzene	8.89		"	10.0		88.9	71.3-123				
Bromochloromethane	9.56		"	10.0		95.6	70.8-137				
Bromodichloromethane	9.49		"	10.0		94.9	79.7-134				
Bromoform	10.0		"	10.0		100	70.5-141				
Bromomethane	8.70		"	10.0		87.0	43.9-147				
Carbon tetrachloride	10.7		"	10.0		107	78.1-138				
Chlorobenzene	9.69		"	10.0		96.9	80.4-125				
Chloroethane	10.1		"	10.0		101	55.8-140				
Chloroform	10.4		"	10.0		104	76.6-133				
Chloromethane	10.3		"	10.0		103	48.8-115				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	75.1-128				
cis-1,3-Dichloropropylene	8.88		"	10.0		88.8	74.5-128				
Dibromochloromethane	10.2		"	10.0		102	79.8-134				
Dibromomethane	9.18		"	10.0		91.8	79-130				
Dichlorodifluoromethane	12.4		"	10.0		124	47.1-101	High Bias			
Ethyl Benzene	10.3		"	10.0		103	80.8-128				
Hexachlorobutadiene	10.8		"	10.0		108	64.8-128				
Isopropylbenzene	10.7		"	10.0		107	75.5-135				
Methyl tert-butyl ether (MTBE)	8.86		"	10.0		88.6	65.1-140				
Methylene chloride	8.72		"	10.0		87.2	61.3-120				
Naphthalene	11.1		"	10.0		111	62.3-148				
n-Butylbenzene	10.2		"	10.0		102	67.2-123				
n-Propylbenzene	10.5		"	10.0		105	70.5-127				
o-Xylene	9.84		"	10.0		98.4	75.9-122				
p- & m- Xylenes	22.3		"	20.0		111	77.7-127				
p-Isopropyltoluene	11.6		"	10.0		116	75.6-129				
sec-Butylbenzene	10.8		"	10.0		108	71.5-125				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31387 - EPA 5030B											
LCS (BC31387-BS1)						Prepared & Analyzed: 03/28/2013					
Styrene	14.7		ug/L	10.0		147	77.8-123	High Bias			
tert-Butylbenzene	10.2		"	10.0		102	75.9-151				
Tetrachloroethylene	9.98		"	10.0		99.8	63.6-167				
Toluene	9.71		"	10.0		97.1	77-123				
trans-1,2-Dichloroethylene	9.12		"	10.0		91.2	76.3-139				
trans-1,3-Dichloropropylene	8.44		"	10.0		84.4	72.5-137				
Trichloroethylene	9.78		"	10.0		97.8	77.9-130				
Trichlorofluoromethane	10.3		"	10.0		103	57.4-133				
Vinyl Chloride	9.80		"	10.0		98.0	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	9.89		"	10.0		98.9	72.6-129				
Surrogate: p-Bromofluorobenzene	10.4		"	10.0		104	63.5-145				
Surrogate: Toluene-d8	9.82		"	10.0		98.2	81.2-127				
LCS Dup (BC31387-BS1)						Prepared & Analyzed: 03/28/2013					
1,1,1,2-Tetrachloroethane	9.69		ug/L	10.0		96.9	82.3-130		0.207	21.1	
1,1,1-Trichloroethane	10.1		"	10.0		101	75.6-137		4.63	19.7	
1,1,2,2-Tetrachloroethane	9.85		"	10.0		98.5	71.3-131		6.72	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.75		"	10.0		87.5	71.1-129		10.5	21.7	
1,1,2-Trichloroethane	9.11		"	10.0		91.1	74.5-129		4.49	20.3	
1,1-Dichloroethane	9.73		"	10.0		97.3	79.6-132		1.12	20.6	
1,1-Dichloroethylene	8.76		"	10.0		87.6	80.2-146		8.84	20	
1,1-Dichloropropylene	9.24		"	10.0		92.4	75-136		3.51	19.3	
1,2,3-Trichlorobenzene	11.0		"	10.0		110	66.1-136		5.10	21.6	
1,2,3-Trichloropropane	8.90		"	10.0		89.0	63-131		4.36	23.9	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136		7.75	21.7	
1,2,4-Trimethylbenzene	15.3		"	10.0		153	75.3-135	High Bias	2.14	18.8	
1,2-Dibromo-3-chloropropane	6.70		"	10.0		67.0	58.9-140		9.87	27.7	
1,2-Dibromoethane	9.99		"	10.0		99.9	79-130		4.40	23	
1,2-Dichlorobenzene	9.75		"	10.0		97.5	76.1-122		1.45	19.8	
1,2-Dichloroethane	9.35		"	10.0		93.5	74.6-132		1.29	20.2	
1,2-Dichloropropane	8.87		"	10.0		88.7	76.9-129		1.12	20.7	
1,3,5-Trimethylbenzene	11.7		"	10.0		117	70.6-127		2.69	18.9	
1,3-Dichlorobenzene	10.0		"	10.0		100	77-124		0.200	19.2	
1,3-Dichloropropane	8.82		"	10.0		88.2	75.8-126		2.29	22.1	
1,4-Dichlorobenzene	10.0		"	10.0		100	76.6-125		1.00	18.6	
2,2-Dichloropropane	7.32		"	10.0		73.2	69-133		9.38	19.8	
2-Chlorotoluene	9.58		"	10.0		95.8	66.3-119		1.86	21.6	
2-Hexanone	8.98		"	10.0		89.8	70-130		8.84	30	
4-Chlorotoluene	9.77		"	10.0		97.7	69.2-127		1.73	19	
Acetone	7.33		"	10.0		73.3	70-130		1.79	30	
Benzene	10.0		"	10.0		100	76.2-129		4.40	19	
Bromobenzene	9.06		"	10.0		90.6	71.3-123		1.89	20.3	
Bromochloromethane	9.31		"	10.0		93.1	70.8-137		2.65	23.9	
Bromodichloromethane	9.56		"	10.0		95.6	79.7-134		0.735	21	
Bromoform	10.8		"	10.0		108	70.5-141		6.93	21.8	
Bromomethane	8.28		"	10.0		82.8	43.9-147		4.95	28.4	
Carbon tetrachloride	10.1		"	10.0		101	78.1-138		5.37	20.1	
Chlorobenzene	9.56		"	10.0		95.6	80.4-125		1.35	19.9	
Chloroethane	9.20		"	10.0		92.0	55.8-140		9.72	23.3	
Chloroform	10.0		"	10.0		100	76.6-133		3.53	20.3	
Chloromethane	9.54		"	10.0		95.4	48.8-115		7.27	24.5	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128		3.99	20.5	
cis-1,3-Dichloropropylene	9.09		"	10.0		90.9	74.5-128		2.34	19.9	
Dibromochloromethane	10.2		"	10.0		102	79.8-134		0.784	21.3	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC31387 - EPA 5030B											
LCS Dup (BC31387-BSD1)						Prepared & Analyzed: 03/28/2013					
Dibromomethane	9.58		ug/L	10.0		95.8	79-130		4.26	22.4	
Dichlorodifluoromethane	11.5		"	10.0		115	47.1-101	High Bias	8.03	23.9	
Ethyl Benzene	9.98		"	10.0		99.8	80.8-128		2.96	19.2	
Hexachlorobutadiene	10.6		"	10.0		106	64.8-128		2.06	20.6	
Isopropylbenzene	10.3		"	10.0		103	75.5-135		3.42	20	
Methyl tert-butyl ether (MTBE)	11.3		"	10.0		113	65.1-140		24.1	23.6	Non-dir.
Methylene chloride	8.30		"	10.0		83.0	61.3-120		4.94	20.4	
Naphthalene	11.7		"	10.0		117	62.3-148		5.45	27.1	
n-Butylbenzene	9.97		"	10.0		99.7	67.2-123		2.57	19.1	
n-Propylbenzene	10.1		"	10.0		101	70.5-127		3.68	23.4	
o-Xylene	9.68		"	10.0		96.8	75.9-122		1.64	19.3	
p- & m- Xylenes	21.8		"	20.0		109	77.7-127		1.90	18.6	
p-Isopropyltoluene	11.2		"	10.0		112	75.6-129		3.32	19.1	
sec-Butylbenzene	10.4		"	10.0		104	71.5-125		3.29	18.9	
Styrene	14.7		"	10.0		147	77.8-123	High Bias	0.204	20.9	
tert-Butylbenzene	9.98		"	10.0		99.8	75.9-151		2.47	20.9	
Tetrachloroethylene	9.76		"	10.0		97.6	63.6-167		2.23	27.7	
Toluene	9.50		"	10.0		95.0	77-123		2.19	18.7	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	76.3-139		18.7	19.5	
trans-1,3-Dichloropropylene	8.87		"	10.0		88.7	72.5-137		4.97	19.3	
Trichloroethylene	9.46		"	10.0		94.6	77.9-130		3.33	20.5	
Trichlorofluoromethane	9.39		"	10.0		93.9	57.4-133		9.63	21.4	
Vinyl Chloride	9.05		"	10.0		90.5	54.9-124		7.96	22.3	
<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>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.70</i>		<i>"</i>	<i>10.0</i>		<i>97.0</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 BD30025 - EPA 5030B

Blank (BD30025-BLK1)

Prepared & Analyzed: 04/01/2013

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	1.8	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	"
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	0.83	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"

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

York Analytical Laboratories, Inc.

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

Batch BD30025 - EPA 5030B

Blank (BD30025-BLK1)

Prepared & Analyzed: 04/01/2013

Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	9.94		"	10.0		99.4	72.6-129				
Surrogate: p-Bromofluorobenzene	11.0		"	10.0		110	63.5-145				
Surrogate: Toluene-d8	9.78		"	10.0		97.8	81.2-127				

LCS (BD30025-BS1)

Prepared & Analyzed: 04/01/2013

1,1,1,2-Tetrachloroethane	9.50		ug/L	10.0		95.0	82.3-130				
1,1,1-Trichloroethane	9.10		"	10.0		91.0	75.6-137				
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.72		"	10.0		87.2	71.1-129				
1,1,2-Trichloroethane	9.67		"	10.0		96.7	74.5-129				
1,1-Dichloroethane	9.32		"	10.0		93.2	79.6-132				
1,1-Dichloroethylene	8.41		"	10.0		84.1	80.2-146				
1,1-Dichloropropylene	8.76		"	10.0		87.6	75-136				
1,2,3-Trichlorobenzene	10.7		"	10.0		107	66.1-136				
1,2,3-Trichloropropane	12.2		"	10.0		122	63-131				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	70.6-136				
1,2,4-Trimethylbenzene	9.22		"	10.0		92.2	75.3-135				
1,2-Dibromo-3-chloropropane	15.7		"	10.0		157	58.9-140	High Bias			
1,2-Dibromoethane	9.56		"	10.0		95.6	79-130				
1,2-Dichlorobenzene	9.59		"	10.0		95.9	76.1-122				
1,2-Dichloroethane	9.71		"	10.0		97.1	74.6-132				
1,2-Dichloropropane	9.08		"	10.0		90.8	76.9-129				
1,3,5-Trimethylbenzene	9.12		"	10.0		91.2	70.6-127				
1,3-Dichlorobenzene	9.40		"	10.0		94.0	77-124				
1,3-Dichloropropane	9.06		"	10.0		90.6	75.8-126				
1,4-Dichlorobenzene	9.72		"	10.0		97.2	76.6-125				
2,2-Dichloropropane	9.13		"	10.0		91.3	69-133				
2-Chlorotoluene	9.11		"	10.0		91.1	66.3-119				
2-Hexanone	10.7		"	10.0		107	70-130				
4-Chlorotoluene	9.34		"	10.0		93.4	69.2-127				
Acetone	8.35		"	10.0		83.5	70-130				
Benzene	9.30		"	10.0		93.0	76.2-129				
Bromobenzene	9.55		"	10.0		95.5	71.3-123				
Bromochloromethane	9.11		"	10.0		91.1	70.8-137				
Bromodichloromethane	9.21		"	10.0		92.1	79.7-134				
Bromoform	11.0		"	10.0		110	70.5-141				
Bromomethane	7.06		"	10.0		70.6	43.9-147				
Carbon tetrachloride	9.85		"	10.0		98.5	78.1-138				
Chlorobenzene	9.14		"	10.0		91.4	80.4-125				
Chloroethane	9.04		"	10.0		90.4	55.8-140				
Chloroform	9.20		"	10.0		92.0	76.6-133				
Chloromethane	7.59		"	10.0		75.9	48.8-115				
cis-1,2-Dichloroethylene	9.05		"	10.0		90.5	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	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30025 - EPA 5030B											
LCS (BD30025-BS1)						Prepared & Analyzed: 04/01/2013					
Dibromochloromethane	9.86		ug/L	10.0		98.6	79.8-134				
Dibromomethane	10.1		"	10.0		101	79-130				
Dichlorodifluoromethane	7.12		"	10.0		71.2	47.1-101				
Ethyl Benzene	9.35		"	10.0		93.5	80.8-128				
Hexachlorobutadiene	9.67		"	10.0		96.7	64.8-128				
Isopropylbenzene	9.20		"	10.0		92.0	75.5-135				
Methyl tert-butyl ether (MTBE)	9.99		"	10.0		99.9	65.1-140				
Methylene chloride	9.42		"	10.0		94.2	61.3-120				
Naphthalene	11.4		"	10.0		114	62.3-148				
n-Butylbenzene	8.92		"	10.0		89.2	67.2-123				
n-Propylbenzene	9.12		"	10.0		91.2	70.5-127				
o-Xylene	8.90		"	10.0		89.0	75.9-122				
p- & m- Xylenes	18.7		"	20.0		93.6	77.7-127				
p-Isopropyltoluene	9.30		"	10.0		93.0	75.6-129				
sec-Butylbenzene	9.20		"	10.0		92.0	71.5-125				
Styrene	9.49		"	10.0		94.9	77.8-123				
tert-Butylbenzene	8.64		"	10.0		86.4	75.9-151				
Tetrachloroethylene	8.67		"	10.0		86.7	63.6-167				
Toluene	8.97		"	10.0		89.7	77-123				
trans-1,2-Dichloroethylene	8.89		"	10.0		88.9	76.3-139				
trans-1,3-Dichloropropylene	9.64		"	10.0		96.4	72.5-137				
Trichloroethylene	8.61		"	10.0		86.1	77.9-130				
Trichlorofluoromethane	9.14		"	10.0		91.4	57.4-133				
Vinyl Chloride	8.09		"	10.0		80.9	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.45</i>		<i>"</i>	<i>10.0</i>		<i>94.5</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 BD30025 - EPA 5030B											
LCS Dup (BD30025-BSD1)						Prepared & Analyzed: 04/01/2013					
1,1,1,2-Tetrachloroethane	9.12		ug/L	10.0		91.2	82.3-130		4.08	21.1	
1,1,1-Trichloroethane	9.62		"	10.0		96.2	75.6-137		5.56	19.7	
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	71.3-131		3.14	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.28		"	10.0		92.8	71.1-129		6.22	21.7	
1,1,2-Trichloroethane	9.93		"	10.0		99.3	74.5-129		2.65	20.3	
1,1-Dichloroethane	9.69		"	10.0		96.9	79.6-132		3.89	20.6	
1,1-Dichloroethylene	9.31		"	10.0		93.1	80.2-146		10.2	20	
1,1-Dichloropropylene	9.33		"	10.0		93.3	75-136		6.30	19.3	
1,2,3-Trichlorobenzene	10.1		"	10.0		101	66.1-136		5.49	21.6	
1,2,3-Trichloropropane	11.3		"	10.0		113	63-131		7.50	23.9	
1,2,4-Trichlorobenzene	9.53		"	10.0		95.3	70.6-136		8.83	21.7	
1,2,4-Trimethylbenzene	8.94		"	10.0		89.4	75.3-135		3.08	18.8	
1,2-Dibromo-3-chloropropane	14.5		"	10.0		145	58.9-140	High Bias	7.87	27.7	
1,2-Dibromoethane	9.72		"	10.0		97.2	79-130		1.66	23	
1,2-Dichlorobenzene	9.40		"	10.0		94.0	76.1-122		2.00	19.8	
1,2-Dichloroethane	9.64		"	10.0		96.4	74.6-132		0.724	20.2	
1,2-Dichloropropane	9.14		"	10.0		91.4	76.9-129		0.659	20.7	
1,3,5-Trimethylbenzene	9.27		"	10.0		92.7	70.6-127		1.63	18.9	
1,3-Dichlorobenzene	9.19		"	10.0		91.9	77-124		2.26	19.2	
1,3-Dichloropropane	8.79		"	10.0		87.9	75.8-126		3.03	22.1	
1,4-Dichlorobenzene	9.24		"	10.0		92.4	76.6-125		5.06	18.6	
2,2-Dichloropropane	9.88		"	10.0		98.8	69-133		7.89	19.8	
2-Chlorotoluene	8.74		"	10.0		87.4	66.3-119		4.15	21.6	
2-Hexanone	9.51		"	10.0		95.1	70-130		11.4	30	
4-Chlorotoluene	9.27		"	10.0		92.7	69.2-127		0.752	19	
Acetone	8.31		"	10.0		83.1	70-130		0.480	30	
Benzene	9.68		"	10.0		96.8	76.2-129		4.00	19	
Bromobenzene	9.41		"	10.0		94.1	71.3-123		1.48	20.3	
Bromochloromethane	9.62		"	10.0		96.2	70.8-137		5.45	23.9	
Bromodichloromethane	9.42		"	10.0		94.2	79.7-134		2.25	21	
Bromoform	10.8		"	10.0		108	70.5-141		2.12	21.8	
Bromomethane	7.63		"	10.0		76.3	43.9-147		7.76	28.4	
Carbon tetrachloride	10.4		"	10.0		104	78.1-138		5.43	20.1	
Chlorobenzene	9.15		"	10.0		91.5	80.4-125		0.109	19.9	
Chloroethane	9.65		"	10.0		96.5	55.8-140		6.53	23.3	
Chloroform	9.98		"	10.0		99.8	76.6-133		8.13	20.3	
Chloromethane	8.22		"	10.0		82.2	48.8-115		7.97	24.5	
cis-1,2-Dichloroethylene	9.40		"	10.0		94.0	75.1-128		3.79	20.5	
cis-1,3-Dichloropropylene	9.59		"	10.0		95.9	74.5-128		0.520	19.9	
Dibromochloromethane	9.99		"	10.0		99.9	79.8-134		1.31	21.3	
Dibromomethane	10.0		"	10.0		100	79-130		0.596	22.4	
Dichlorodifluoromethane	8.15		"	10.0		81.5	47.1-101		13.5	23.9	
Ethyl Benzene	9.50		"	10.0		95.0	80.8-128		1.59	19.2	
Hexachlorobutadiene	9.44		"	10.0		94.4	64.8-128		2.41	20.6	
Isopropylbenzene	9.30		"	10.0		93.0	75.5-135		1.08	20	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	65.1-140		1.88	23.6	
Methylene chloride	9.99		"	10.0		99.9	61.3-120		5.87	20.4	
Naphthalene	10.6		"	10.0		106	62.3-148		7.45	27.1	
n-Butylbenzene	8.85		"	10.0		88.5	67.2-123		0.788	19.1	
n-Propylbenzene	9.05		"	10.0		90.5	70.5-127		0.770	23.4	
o-Xylene	8.86		"	10.0		88.6	75.9-122		0.450	19.3	
p- & m- Xylenes	18.6		"	20.0		93.0	77.7-127		0.643	18.6	
p-Isopropyltoluene	9.29		"	10.0		92.9	75.6-129		0.108	19.1	
sec-Butylbenzene	9.22		"	10.0		92.2	71.5-125		0.217	18.9	

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

York Analytical Laboratories, Inc.

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

Batch BD30025 - EPA 5030B

LCS Dup (BD30025-BSD1)

Prepared & Analyzed: 04/01/2013

Styrene	9.45		ug/L	10.0		94.5	77.8-123		0.422	20.9	
tert-Butylbenzene	8.60		"	10.0		86.0	75.9-151		0.464	20.9	
Tetrachloroethylene	9.10		"	10.0		91.0	63.6-167		4.84	27.7	
Toluene	9.02		"	10.0		90.2	77-123		0.556	18.7	
trans-1,2-Dichloroethylene	9.21		"	10.0		92.1	76.3-139		3.54	19.5	
trans-1,3-Dichloropropylene	9.58		"	10.0		95.8	72.5-137		0.624	19.3	
Trichloroethylene	8.94		"	10.0		89.4	77.9-130		3.76	20.5	
Trichlorofluoromethane	9.58		"	10.0		95.8	57.4-133		4.70	21.4	
Vinyl Chloride	8.64		"	10.0		86.4	54.9-124		6.58	22.3	
Surrogate: 1,2-Dichloroethane-d4	10.3		"	10.0		103	72.6-129				
Surrogate: p-Bromofluorobenzene	9.96		"	10.0		99.6	63.5-145				
Surrogate: Toluene-d8	9.65		"	10.0		96.5	81.2-127				

Gas Chromatography/Flame Ionization Determination - 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 BC31345 - Preparation for GC Analysis**Blank (BC31345-BLK1)**

Prepared & Analyzed: 03/28/2013

Ethane	ND	10	ug/L
Ethylene (Ethene)	ND	10	"

Duplicate (BC31345-DUP1)

*Source sample: 13C0682-38 (MW9805B)

Prepared & Analyzed: 03/28/2013

Ethane	ND	10	ug/L	ND	30
Ethylene (Ethene)	ND	10	"	ND	30

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13C0682-37	MW9805A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-38	MW9805B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-39	MWA	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-40	MWB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-41	TBSH	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-42	TBEA	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-43	TBCC	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-44	FBSH	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-45	FBEA	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13C0682-46	FBCC	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

VOA-CO	The result reported is most likely due to carryover from a previous sample run in the batch. Data user should take note.
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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.



YORK ANALYTICAL LABORATORIES
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YORK
ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

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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. 13C0682

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: <u>LBK Inc.</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>
Address: <u>4 Research Dr. Suite 201</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>
City: <u>Shelton, CT</u>	City: <u>same</u>	City: <u>same</u>	City: <u>same</u>	City: <u>same</u>	City: <u>same</u>	City: <u>same</u>	City: <u>same</u>	City: <u>same</u>	City: <u>same</u>	City: <u>same</u>	City: <u>same</u>
Phone No. <u>203 929 8355</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>
Contact Person: <u>T. Sander</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>
E-Mail Address: <u>TSander@lbk.com</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.											
Samples Collected/Authorized By (Signature) <u>S. Hunt / E. Allison / C. Colwell</u>											
Name (printed) <u>S. Hunt / E. Allison / C. Colwell</u>											
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor											
Choose Analyses Needed from the Menu Above and Enter Below											
Sample Identification	Date/Time Sampled	Sample Matrix	4°C	Frozen	HCl	MeOH	Ascorbic Acid	HNO ₃	H ₂ SO ₄	NaOH	Temperature on Receipt
MW28A	3/19/13 940	GW									3.7°C
MW28B	3/19/13 1010										
MW43A	3/20/13 1544										
MW43B	3/21/13 810										
MW43C	3/21/13 840										
MW44A	3/19/13 1010										
MW44B	3/19/13 1040										
MW44C	3/19/13 944										
MW45A	3/19/13 1228										
MW46A	3/20/13 1519										
Comments: <u>One lab report per coc</u>											
Preservation Instructions: ☐ Field Filtered ☐ Lab to Filter											
Samples Relinquished By: <u>Michael H. [Signature]</u> Date/Time: <u>3/22/13 1353</u>											
Samples Received By: <u>Chen C</u> Date/Time: <u>3/22/13 1350</u>											
Samples Relinquished By: <u>Proce</u> Date/Time: <u>3-22-13 1510</u>											
Samples Received in LAB by: <u>Proce</u> Date/Time: <u>3-22-13 1510</u>											

Field Chain-of-Custody Record

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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. 130682

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type/Deliverables									
Company: <u>LBG Inc.</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>								
Address: <u>4 Research Dr. Stratford, CT 06615</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>								
Phone No. <u>203 344 3000</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>								
Contact Person: <u>T. Sander</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>	Contact Person: <u>Same</u>								
E-Mail Address: <u>TSander@lbgct.com</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>								
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved. Samples Collected/Authorized By (Signature) <u>[Signature]</u> S. Huet / E. Allison / Co-Chair II Name (printed)		Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles TICs Site Spec. STARS list Nassau Co. Suffolk Co. MTBE TCE list TAGM list CT RCP list Arom. only 502.2 Halog. only NIDEH list App. IX list SPL Por TCEP 8021B list		Semi-Vols. 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCEP list NIDEH list App. IX TCEP BNA SPL Por TCEP 608 PCB		Metals RCRA8 PP13 list TAL CT15 list TAGM list NIDEH list Total Dissolved SPL Por TCEP 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 Organic TAL MetCN Full TCEP Full App. IX Part 360-Routine Part 360-Hazardous Part 360-Residual NYDEP-Sever TAGM		Common Miscellaneous Parameters Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos Silica		Miscellaneous Parameters Nitrate Nitrite TKN Tot. Nitrogen Ammonia-N Chloride Phosphate Tot. Phos. Oil & Grease F.O.G. pH MBAS TPH-1664		Special Instructions Field Filtered ☐ Lab to Filter ☐	
Choose Analyses Needed from the Menu Above and Enter Below												Container Description(s) <u>3v</u>							
Sample Identification	Date Sampled	Sample Matrix	8260 full list									Temperature on Receipt <u>3.7°C</u>							
MW46B	3/20/13 1555	GW	↓									Date/Time <u>3-22-13 13:55</u>							
MW47A	3/21/13 816		↓									Date/Time <u>3-22-13 15:10</u>							
MW47B	3/21/13 847		↓									Date/Time <u>3-22-13 15:10</u>							
MW49A	3/20/13 856		↓									Date/Time <u>3-22-13 15:10</u>							
MW49B	3/20/13 925		↓									Date/Time <u>3-22-13 15:10</u>							
MW49C	3/20/13 954		↓									Date/Time <u>3-22-13 15:10</u>							
MW52A	3/19/13 1138		↓									Date/Time <u>3-22-13 15:10</u>							
MW53	3/19/13 1420		↓									Date/Time <u>3-22-13 15:10</u>							
MW53 MS	3/19/13 1420		↓									Date/Time <u>3-22-13 15:10</u>							
MW53 MSD	3/19/13 1420		↓									Date/Time <u>3-22-13 15:10</u>							
Comments <u>One lab report per con</u>		Preservation Check those Applicable 4°C ☐ Frozen ☐ HCl ☒ MeOH ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ Other ☐		Samples Relinquished By <u>Michael Kagan</u>		Date/Time <u>3-22-13 13:55</u>		Samples Received By <u>Grace</u>		Date/Time <u>3-22-13 15:10</u>		Samples Relinquished By <u>Grace</u>		Date/Time <u>3-22-13 15:10</u>					



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

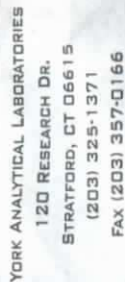
Field Chain-of-Custody Record

Page 3 of 5

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. 13C0682

YOUR INFORMATION		Report To:		Invoice To:		YOUR PROJECT ID		Turn-Around Time		Report Type							
Company: <u>LBG Inc.</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	RUSH - Same Day ☐		RUSH - Next Day ☐		RUSH - Two Day ☐		Summary Report <u>X</u> pdf							
Address: <u>4 Research Dr. Suite 200</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	RUSH - Three Day ☐		RUSH - Four Day ☐		RUSH - Five Day ☐		Summary w/ QA Summary <u>X</u> pdf							
Phone No. <u>203 929 8555</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	RUSH - Six Day ☐		RUSH - Seven Day ☐		RUSH - Eight Day ☐		CT RCP Package							
Contact Person: <u>T. Sander</u>	Attention: <u>same</u>	Attention: <u>same</u>	Attention: <u>same</u>	RUSH - Nine Day ☐		RUSH - Ten Day ☐		RUSH - Eleven Day ☐		CT RCP Package							
E-Mail Address: <u>TSander@lbg-inc.com</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	RUSH - Twelve Day ☐		RUSH - Thirteen Day ☐		RUSH - Fourteen Day ☐		CT RCP Package							
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved. Samples Collected/Authorized By (Signature) <u>[Signature]</u> Name (printed) <u>S. Hunt / E. Allison / C. Colwell</u>				Volatiles 8260 full 624 STARS list BTX MTBE TCL list TAGM list CT RCP list Arom. only Halogen only App. IX list 8021B list		Semi-Volatiles 8270 or 625 STARS list IBN Only Acids Only PAH list TAGM list CT RCP list TCL list NJDEP list App. IX TCLP BNA SPLP or TCLP		Metals RCRA8 PP13 list TAL CT15 list TAGM list NJDEP list Total Dissolved SPLP 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		Misc. Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos Silica		Standard (5-7 Days) ☒ Samples from: CT <u>X</u> NY <u>X</u> NJ <u>X</u>		Electronic Data Deliverables (EDD) Simple Excel <u>X</u> NYSDEC EQulS EQulS (std) EZ-EDD (EQulS) NJDEP SRP HazSite EDD GIS/KEY (std) Other York Regulatory Comparison Excel Spreadsheet Compare to the following Regs. (please fill in):	
Sample Identification				Date/Time Sampled		Sample Matrix		Choose Analyses Needed from the Menu Above and Enter Below				Container Description(s)					
MW54				3/19/13 1505		GW		8260 full list				3v					
MW56A				3/19/13 1535													
MW56B				3/19/13 1604													
MW56C				3/20/13 1407													
MW42B				3/19/13 1140													
N2A				3/20/13 1243													
N1B				3/20/13 1209													
N2A				3/20/13 1123													
N2B				3/20/13 1050													
N16				3/21/13 940													
Comments				Date/Time		Date/Time		Date/Time		Date/Time		Date/Time					
One has report per coc				3/21/13 1352		3/22/13 1352		3/22/13 1352		3/22/13 1352		3/22/13 1352					
Temperature on Receipt				3.7 °C													



Field Chain-of-Custody Record

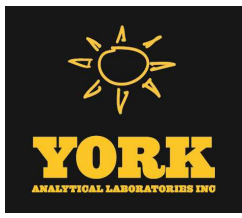
Page 4 of 5

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

York Project No. 130682

[illegible]



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 09/18/2013

Client Project ID: O&M Sag Harbor (Rowe Industries Site)

York Project (SDG) No.: 13I0551

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 09/18/2013
Client Project ID: O&M Sag Harbor (Rowe Industries Site)
York Project (SDG) No.: 13I0551

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-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 September 13, 2013 and listed below. The project was identified as your project: **O&M Sag Harbor (Rowe Industries Site)**.

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>
13I0551-01	N-37	Water	09/12/2013	09/13/2013
13I0551-02	N-38	Water	09/12/2013	09/13/2013
13I0551-03	N-39	Water	09/12/2013	09/13/2013

General Notes for York Project (SDG) No.: 13I0551

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:



Benjamin Gulizia
Laboratory Director

Date: 09/18/2013

YORK



Sample Information

Client Sample ID: N-37

York Sample ID: 1310551-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310551

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:20 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
67-64-1	Acetone	2.8	B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK



Sample Information

Client Sample ID: N-37

York Sample ID: 1310551-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310551

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:20 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
108-88-3	Toluene	0.24	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:10	BK



Sample Information

Client Sample ID: N-37

York Sample ID: 13I0551-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13I0551

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:20 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	Result									
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	115 %									
460-00-4	Surrogate: p-Bromofluorobenzene	120 %									
2037-26-5	Surrogate: Toluene-d8	101 %									

Sample Information

Client Sample ID: N-38

York Sample ID: 13I0551-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13I0551

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 12:12 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK



Sample Information

Client Sample ID: N-38

York Sample ID: 1310551-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310551

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 12:12 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
67-64-1	Acetone	2.6	B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK



Sample Information

Client Sample ID: N-38

York Sample ID: 1310551-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310551

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 12:12 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
108-88-3	Toluene	0.38	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 11:51	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	117 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	116 %	65-133								
2037-26-5	Surrogate: Toluene-d8	99.2 %	80-123								

Sample Information

Client Sample ID: N-39

York Sample ID: 1310551-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310551

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:20 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK



Sample Information

Client Sample ID: N-39

York Sample ID: 1310551-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310551

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:20 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
67-64-1	Acetone	1.2	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK



Sample Information

Client Sample ID: N-39

York Sample ID: 1310551-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310551

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:20 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/17/2013 09:03	09/17/2013 13:14	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	126 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	119 %	65-133								
2037-26-5	Surrogate: Toluene-d8	102 %	80-123								



Analytical Batch Summary

Batch ID: BI30702

Preparation Method: EPA 5030B

Prepared By: EKM

YORK Sample ID	Client Sample ID	Preparation Date
13I0551-01	N-37	09/17/13
13I0551-02	N-38	09/17/13
13I0551-03	N-39	09/17/13
BI30702-BLK1	Blank	09/17/13
BI30702-BS1	LCS	09/17/13
BI30702-BSD1	LCS Dup	09/17/13



Volatile Organic Compounds by GC/MS - 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 BI30702 - EPA 5030B

Blank (BI30702-BLK1)

Prepared & Analyzed: 09/17/2013

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	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	1.6	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	ND	2.0	"
Naphthalene	ND	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"



Volatile Organic Compounds by GC/MS - 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 BI30702 - EPA 5030B

Blank (BI30702-BLK1)

Prepared & Analyzed: 09/17/2013

p- & m- Xylenes	ND	1.0	ug/L								
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>10.8</i>		<i>"</i>	<i>10.0</i>		<i>108</i>	<i>79-133</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11.8</i>		<i>"</i>	<i>10.0</i>		<i>118</i>	<i>65-133</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>80-123</i>				

LCS (BI30702-BS1)

Prepared & Analyzed: 09/17/2013

1,1,1,2-Tetrachloroethane	9.38		ug/L	10.0		93.8	84-127				
1,1,1-Trichloroethane	11.0		"	10.0		110	80-131				
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9		"	10.0		119	70-133				
1,1,2-Trichloroethane	10.0		"	10.0		100	73-124				
1,1-Dichloroethane	10.7		"	10.0		107	79-123				
1,1-Dichloroethylene	10.9		"	10.0		109	71-123				
1,1-Dichloropropylene	10.3		"	10.0		103	73-117				
1,2,3-Trichlorobenzene	10.1		"	10.0		101	78-117				
1,2,3-Trichloropropane	10.1		"	10.0		101	68-119				
1,2,4-Trichlorobenzene	9.81		"	10.0		98.1	78-117				
1,2,4-Trimethylbenzene	9.36		"	10.0		93.6	68-134				
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	73-129				
1,2-Dibromoethane	10.1		"	10.0		101	73-139				
1,2-Dichlorobenzene	9.92		"	10.0		99.2	83-110				
1,2-Dichloroethane	11.0		"	10.0		110	81-120				
1,2-Dichloropropane	9.61		"	10.0		96.1	76-120				
1,3,5-Trimethylbenzene	8.78		"	10.0		87.8	74-121				
1,3-Dichlorobenzene	9.61		"	10.0		96.1	82-112				
1,3-Dichloropropane	9.68		"	10.0		96.8	77-122				
1,4-Dichlorobenzene	9.63		"	10.0		96.3	83-110				
2,2-Dichloropropane	11.2		"	10.0		112	50-163				
2-Chlorotoluene	9.49		"	10.0		94.9	74-115				
2-Hexanone	9.40		"	10.0		94.0	65-130				
4-Chlorotoluene	9.58		"	10.0		95.8	77-119				
Acetone	10.1		"	10.0		101	54-129				
Benzene	10.7		"	10.0		107	77-122				
Bromobenzene	9.73		"	10.0		97.3	76-114				
Bromochloromethane	11.6		"	10.0		116	73-125				
Bromodichloromethane	9.76		"	10.0		97.6	83-120				
Bromoform	10.1		"	10.0		101	72-139				
Bromomethane	9.11		"	10.0		91.1	52-128				
Carbon tetrachloride	11.8		"	10.0		118	66-152				
Chlorobenzene	9.97		"	10.0		99.7	85-113				



Volatile Organic Compounds by GC/MS - 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 BI30702 - EPA 5030B

LCS (BI30702-BS1)

Prepared & Analyzed: 09/17/2013

Chloroethane	11.0		ug/L	10.0		110	60-124				
Chloroform	10.6		"	10.0		106	82-119				
Chloromethane	7.73		"	10.0		77.3	42-126				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	79-116				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	85-134				
Dibromochloromethane	10.1		"	10.0		101	74-151				
Dibromomethane	9.93		"	10.0		99.3	74-128				
Dichlorodifluoromethane	9.30		"	10.0		93.0	10-146				
Ethyl Benzene	10.2		"	10.0		102	85-125				
Hexachlorobutadiene	10.3		"	10.0		103	69-131				
Isopropylbenzene	9.86		"	10.0		98.6	71-128				
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	51-134				
Methylene chloride	10.6		"	10.0		106	76-122				
Naphthalene	10.3		"	10.0		103	72-127				
n-Butylbenzene	9.97		"	10.0		99.7	69-127				
n-Propylbenzene	9.79		"	10.0		97.9	70-129				
o-Xylene	9.88		"	10.0		98.8	83-117				
p- & m- Xylenes	19.5		"	20.0		97.6	80-126				
p-Isopropyltoluene	10.1		"	10.0		101	74-130				
sec-Butylbenzene	10.2		"	10.0		102	72-132				
Styrene	10.4		"	10.0		104	62-160				
tert-Butylbenzene	9.25		"	10.0		92.5	75-129				
Tetrachloroethylene	9.62		"	10.0		96.2	67-118				
Toluene	9.91		"	10.0		99.1	82-118				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	76-119				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	80-137				
Trichloroethylene	9.44		"	10.0		94.4	71-122				
Trichlorofluoromethane	11.0		"	10.0		110	67-130				
Vinyl Chloride	10.5		"	10.0		105	49-125				
Surrogate: 1,2-Dichloroethane-d4	10.8		"	10.0		108	79-133				
Surrogate: p-Bromofluorobenzene	10.0		"	10.0		100	65-133				
Surrogate: Toluene-d8	9.57		"	10.0		95.7	80-123				



Volatile Organic Compounds by GC/MS - 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 BI30702 - EPA 5030B											
LCS Dup (BI30702-BSD1)						Prepared & Analyzed: 09/17/2013					
1,1,1,2-Tetrachloroethane	9.26		ug/L	10.0		92.6	84-127		1.29	30	
1,1,1-Trichloroethane	10.8		"	10.0		108	80-131		1.66	30	
1,1,2,2-Tetrachloroethane	9.91		"	10.0		99.1	76-120		3.57	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	70-133		2.98	30	
1,1,2-Trichloroethane	9.84		"	10.0		98.4	73-124		1.61	30	
1,1-Dichloroethane	10.7		"	10.0		107	79-123		0.00	30	
1,1-Dichloroethylene	10.8		"	10.0		108	71-123		1.11	30	
1,1-Dichloropropylene	10.2		"	10.0		102	73-117		0.0975	30	
1,2,3-Trichlorobenzene	9.88		"	10.0		98.8	78-117		1.90	30	
1,2,3-Trichloropropane	9.33		"	10.0		93.3	68-119		7.83	30	
1,2,4-Trichlorobenzene	9.40		"	10.0		94.0	78-117		4.27	30	
1,2,4-Trimethylbenzene	8.87		"	10.0		88.7	68-134		5.38	30	
1,2-Dibromo-3-chloropropane	9.86		"	10.0		98.6	73-129		5.52	30	
1,2-Dibromoethane	10.0		"	10.0		100	73-139		1.09	30	
1,2-Dichlorobenzene	9.70		"	10.0		97.0	83-110		2.24	30	
1,2-Dichloroethane	11.1		"	10.0		111	81-120		1.08	30	
1,2-Dichloropropane	9.50		"	10.0		95.0	76-120		1.15	30	
1,3,5-Trimethylbenzene	8.28		"	10.0		82.8	74-121		5.86	30	
1,3-Dichlorobenzene	9.19		"	10.0		91.9	82-112		4.47	30	
1,3-Dichloropropane	9.57		"	10.0		95.7	77-122		1.14	30	
1,4-Dichlorobenzene	9.38		"	10.0		93.8	83-110		2.63	30	
2,2-Dichloropropane	11.1		"	10.0		111	50-163		1.34	30	
2-Chlorotoluene	9.05		"	10.0		90.5	74-115		4.75	30	
2-Hexanone	9.18		"	10.0		91.8	65-130		2.37	30	
4-Chlorotoluene	9.28		"	10.0		92.8	77-119		3.18	30	
Acetone	10.3		"	10.0		103	54-129		1.87	30	
Benzene	10.7		"	10.0		107	77-122		0.187	30	
Bromobenzene	9.43		"	10.0		94.3	76-114		3.13	30	
Bromochloromethane	11.2		"	10.0		112	73-125		4.21	30	
Bromodichloromethane	9.59		"	10.0		95.9	83-120		1.76	30	
Bromoform	9.93		"	10.0		99.3	72-139		1.50	30	
Bromomethane	9.78		"	10.0		97.8	52-128		7.09	30	
Carbon tetrachloride	11.7		"	10.0		117	66-152		0.426	30	
Chlorobenzene	9.76		"	10.0		97.6	85-113		2.13	30	
Chloroethane	10.7		"	10.0		107	60-124		3.31	30	
Chloroform	10.6		"	10.0		106	82-119		0.189	30	
Chloromethane	7.78		"	10.0		77.8	42-126		0.645	30	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	79-116		1.05	30	
cis-1,3-Dichloropropylene	10.1		"	10.0		101	85-134		2.45	30	
Dibromochloromethane	10.0		"	10.0		100	74-151		0.698	30	
Dibromomethane	9.62		"	10.0		96.2	74-128		3.17	30	
Dichlorodifluoromethane	9.34		"	10.0		93.4	10-146		0.429	30	
Ethyl Benzene	9.94		"	10.0		99.4	85-125		2.68	30	
Hexachlorobutadiene	9.77		"	10.0		97.7	69-131		5.28	30	
Isopropylbenzene	9.39		"	10.0		93.9	71-128		4.88	30	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	51-134		1.10	30	
Methylene chloride	10.4		"	10.0		104	76-122		2.29	30	
Naphthalene	9.61		"	10.0		96.1	72-127		6.93	30	
n-Butylbenzene	9.44		"	10.0		94.4	69-127		5.46	30	
n-Propylbenzene	9.63		"	10.0		96.3	70-129		1.65	30	
o-Xylene	9.61		"	10.0		96.1	83-117		2.77	30	



Volatile Organic Compounds by GC/MS - 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 BI30702 - EPA 5030B

LCS Dup (BI30702-BSD1)

Prepared & Analyzed: 09/17/2013

p- & m- Xylenes	18.9		ug/L	20.0		94.6	80-126		3.23	30
p-Isopropyltoluene	9.76		"	10.0		97.6	74-130		3.42	30
sec-Butylbenzene	9.75		"	10.0		97.5	72-132		4.61	30
Styrene	10.1		"	10.0		101	62-160		3.31	30
tert-Butylbenzene	9.06		"	10.0		90.6	75-129		2.08	30
Tetrachloroethylene	9.03		"	10.0		90.3	67-118		6.33	30
Toluene	9.68		"	10.0		96.8	82-118		2.35	30
trans-1,2-Dichloroethylene	10.7		"	10.0		107	76-119		3.41	30
trans-1,3-Dichloropropylene	9.84		"	10.0		98.4	80-137		2.41	30
Trichloroethylene	9.24		"	10.0		92.4	71-122		2.14	30
Trichlorofluoromethane	11.0		"	10.0		110	67-130		0.0906	30
Vinyl Chloride	10.4		"	10.0		104	49-125		1.15	30
Surrogate: 1,2-Dichloroethane-d4	10.7		"	10.0		107	79-133			
Surrogate: p-Bromofluorobenzene	9.85		"	10.0		98.5	65-133			
Surrogate: Toluene-d8	9.75		"	10.0		97.5	80-123			



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13I0551-01	N-37	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0551-02	N-38	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0551-03	N-39	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, 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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.



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

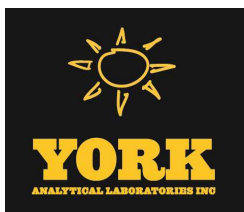
Field Chain-of-Custody Record

Page 1 of 1

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

York Project No.

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type																
Company: <u>LBG</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	RUSH - Same Day ☐	RUSH - Next Day ☐	RUSH - Two Day ☐	RUSH - Three Day ☐	RUSH - Four Day ☐	Summary Report ☒	Summary w/ QA Summary ☒	CT RCP Package ☐															
Address: <u>4 Research Dr. Suite 30</u>	Address: <u>Shelton, CT 06484</u>	Address: <u>Shelton, CT 06484</u>	Address: <u>Shelton, CT 06484</u>	Purchase Order No. <u>NABSA6</u>		Purchase Order No. <u>NABSA6</u>		CT RCP Package ☐		CT RCP Package ☐	CT RCP Package ☐															
Phone No. <u>203-929-8555</u>	Phone No. <u>203-929-8555</u>	Phone No. <u>203-929-8555</u>	Phone No. <u>203-929-8555</u>	Contact Person: <u>Tunde Sandor</u>		Contact Person: <u>Tunde Sandor</u>		NY ASP A Package ☐		NY ASP A Package ☐	NY ASP A Package ☐															
E-Mail Address: <u>TSandor@lbg.com</u>	E-Mail Address: <u>TSandor@lbg.com</u>	E-Mail Address: <u>TSandor@lbg.com</u>	E-Mail Address: <u>TSandor@lbg.com</u>	E-Mail Address: <u>TSandor@lbg.com</u>		E-Mail Address: <u>TSandor@lbg.com</u>		NY ASP B Package ☐		NY ASP B Package ☐	NY ASP B Package ☐															
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.			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., PesuPCB/Herb 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NIDEH list App. IX SPLP or TCLP			Metals RCRA8 PP13 list TAL CT15 list TAGM list NIDEH list Total Dissolved SPLP 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 Ognix TAL MeCN Full TCLP Full App. IX Part 360-Heavy Part 360-Residue Part 360-Heavy Part 360-Heavy NYCLP Sewer NYSEDEC TAGM Silica			Misc. Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos			Other York Regulatory Comparison Excel Spreadsheet Compare to the following Regs. (please fill in):		
Sample Identification N-37 N-38 N-39		Date/Time Sampled 9-12-13/13:20 9-11-13/12:12 9-11-13/13:20		Sample Matrix GW ↓		Choose Analyses Needed from the Menu Above and Enter Below VOC's 8260 full list ↓		Container Description(s) 3 Uoas 3 Uoas 3 Uoas		Temperature on Receipt 4.1 °C																
Comments		Preservation Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☐		4°C ☐ Frozen ☒ HCl ☒ MeOH ☒ Ascorbic Acid ☐ HNO₃ ☐ H₂O₂ ☐ NaOH ☐ Other ☐		Samples Relinquished By Anne Williams Date/Time 9-13-13 16:50		Samples Relinquished By Anne Williams Date/Time 9-13-13 16:50		Samples Received in LAB by Anne Williams Date/Time 9-13-13 16:50																



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 09/20/2013

Client Project ID: O&M Sag Harbor (Rowe Industries Site)

York Project (SDG) No.: 13I0545

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 09/20/2013
Client Project ID: O&M Sag Harbor (Rowe Industries Site)
York Project (SDG) No.: 13I0545

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-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 September 13, 2013 and listed below. The project was identified as your project: **O&M Sag Harbor (Rowe Industries Site)**.

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>
13I0545-01	MW-28A	Water	09/12/2013	09/13/2013
13I0545-02	MW-28b	Water	09/12/2013	09/13/2013
13I0545-03	MW-42b	Water	09/11/2013	09/13/2013
13I0545-04	MW-43A	Water	09/10/2013	09/13/2013
13I0545-05	MW-43b	Water	09/10/2013	09/13/2013
13I0545-06	MW-43C	Water	09/10/2013	09/13/2013
13I0545-07	MW-44A	Water	09/11/2013	09/13/2013
13I0545-08	MW-44b	Water	09/11/2013	09/13/2013
13I0545-09	MW-44C	Water	09/11/2013	09/13/2013
13I0545-10	MW-45A	Water	09/11/2013	09/13/2013
13I0545-11	MW-45b	Water	09/11/2013	09/13/2013
13I0545-12	MW-46a	Water	09/11/2013	09/13/2013
13I0545-13	MW-46b	Water	09/11/2013	09/13/2013
13I0545-14	MW-47a	Water	09/12/2013	09/13/2013
13I0545-15	MW-47b	Water	09/12/2013	09/13/2013
13I0545-16	MW-48a	Water	09/12/2013	09/13/2013
13I0545-17	MW-48b	Water	09/12/2013	09/13/2013
13I0545-18	MW-49a	Water	09/10/2013	09/13/2013
13I0545-19	MW-49b	Water	09/10/2013	09/13/2013
13I0545-20	MW-49c	Water	09/10/2013	09/13/2013
13I0545-21	MW-50A	Water	09/11/2013	09/13/2013
13I0545-22	MW-50b	Water	09/11/2013	09/13/2013
13I0545-23	MW-50C	Water	09/11/2013	09/13/2013

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13I0545-24	MW-52A	Water	09/12/2013	09/13/2013
13I0545-25	MW-53	Water	09/10/2013	09/13/2013
13I0545-26	MW-54	Water	09/10/2013	09/13/2013
13I0545-27	MW-56A	Water	09/11/2013	09/13/2013
13I0545-28	MW-56B	Water	09/11/2013	09/13/2013
13I0545-29	MW-56C	Water	09/11/2013	09/13/2013
13I0545-30	MW-57C	Water	09/11/2013	09/13/2013
13I0545-31	MW-98-01A	Water	09/12/2013	09/13/2013
13I0545-32	MW-98-04	Water	09/10/2013	09/13/2013
13I0545-33	MW-98-05A	Water	09/12/2013	09/13/2013
13I0545-34	MW-98-05b	Water	09/12/2013	09/13/2013
13I0545-35	MW-B1	Water	09/12/2013	09/13/2013
13I0545-36	MW-B2	Water	09/12/2013	09/13/2013
13I0545-37	MW-B3	Water	09/12/2013	09/13/2013
13I0545-38	MW-B4	Water	09/12/2013	09/13/2013
13I0545-39	N-1B	Water	09/11/2013	09/13/2013
13I0545-40	N-2B	Water	09/11/2013	09/13/2013
13I0545-41	N-16	Water	09/12/2013	09/13/2013
13I0545-42	N-32	Water	09/11/2013	09/13/2013
13I0545-43	MW-A	Water	09/12/2013	09/13/2013
13I0545-44	MW-B	Water	09/10/2013	09/13/2013
13I0545-45	MW-C	Water	09/10/2013	09/13/2013
13I0545-46	FB-PW	Water	09/12/2013	09/13/2013
13I0545-47	Field Blank SH	Water	09/11/2013	09/13/2013
13I0545-48	Field Blank CC	Water	09/12/2013	09/13/2013
13I0545-49	Field Blank EF	Water	09/12/2013	09/13/2013
13I0545-50	Field Blank JM	Water	09/12/2013	09/13/2013
13I0545-51	TBCC	Water	09/12/2013	09/13/2013
13I0545-52	TBJM	Water	09/12/2013	09/13/2013
13I0545-53	TBPW	Water	09/12/2013	09/13/2013

General Notes for York Project (SDG) No.: 13I0545

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:



Benjamin Gulizia
Laboratory Director

Date: 09/20/2013

YORK



Sample Information

Client Sample ID: MW-28A

York Sample ID: 1310545-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 9:05 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
75-34-3	1,1-Dichloroethane	0.35	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
67-64-1	Acetone	1.7	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK



Sample Information

Client Sample ID: MW-28A

York Sample ID: 1310545-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 9:05 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
156-59-2	cis-1,2-Dichloroethylene	34		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
127-18-4	Tetrachloroethylene	1.2		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
108-88-3	Toluene	0.25	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
79-01-6	Trichloroethylene	2.8		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
75-01-4	Vinyl Chloride	6.2		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 15:35	BK
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: MW-28A

York Sample ID: 1310545-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 9:05 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %			79-133						
460-00-4	Surrogate: p-Bromofluorobenzene	116 %			65-133						
2037-26-5	Surrogate: Toluene-d8	104 %			80-123						

Sample Information

Client Sample ID: MW-28b

York Sample ID: 1310545-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 8:35 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK



Sample Information

Client Sample ID: MW-28b

York Sample ID: 1310545-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 8:35 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
67-64-1	Acetone	1.8	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK



Sample Information

Client Sample ID: MW-28b

York Sample ID: 1310545-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 8:35 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
108-88-3	Toluene	0.36	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:14	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %		79-133							
460-00-4	Surrogate: p-Bromofluorobenzene	119 %		65-133							
2037-26-5	Surrogate: Toluene-d8	104 %		80-123							

Sample Information

Client Sample ID: MW-42b

York Sample ID: 1310545-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 2:25 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK



Sample Information

Client Sample ID: MW-42b

York Sample ID: 1310545-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 2:25 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
67-64-1	Acetone	2.0	B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK



Sample Information

Client Sample ID: MW-42b

York Sample ID: 1310545-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 2:25 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	0.48	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
108-88-3	Toluene	0.38	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 16:53	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	119 %	65-133								
2037-26-5	Surrogate: Toluene-d8	103 %	80-123								

Sample Information

Client Sample ID: MW-43A

York Sample ID: 1310545-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 11:05 am

09/13/2013



Sample Information

Client Sample ID: MW-43A

York Sample ID: 1310545-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 11:05 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
71-55-6	1,1,1-Trichloroethane	0.87		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
75-34-3	1,1-Dichloroethane	0.61		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK



Sample Information

Client Sample ID: MW-43A

York Sample ID: 1310545-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 11:05 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
127-18-4	Tetrachloroethylene	0.30	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
108-88-3	Toluene	0.43	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 17:30	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	79-133								



Sample Information

Client Sample ID: MW-43A

York Sample ID: 1310545-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 11:05 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: p-Bromofluorobenzene	120 %			65-133						
2037-26-5	Surrogate: Toluene-d8	102 %			80-123						

Sample Information

Client Sample ID: MW-43b

York Sample ID: 1310545-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 11:35 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
71-55-6	1,1,1-Trichloroethane	1.6		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
75-34-3	1,1-Dichloroethane	1.1		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK



Sample Information

Client Sample ID: MW-43b

York Sample ID: 1310545-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 11:35 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
67-64-1	Acetone	1.1	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
67-66-3	Chloroform	0.24	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK



Sample Information

Client Sample ID: MW-43b

York Sample ID: 1310545-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 11:35 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
127-18-4	Tetrachloroethylene	0.48	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
108-88-3	Toluene	0.57	B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:08	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	115 %	65-133								
2037-26-5	Surrogate: Toluene-d8	103 %	80-123								

Sample Information

Client Sample ID: MW-43C

York Sample ID: 1310545-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 12:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK



Sample Information

Client Sample ID: MW-43C

York Sample ID: 1310545-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 12:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
67-66-3	Chloroform	0.47	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK



Sample Information

Client Sample ID: MW-43C

York Sample ID: 13I0545-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13I0545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 12:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
108-88-3	Toluene	0.62	B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 18:44	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %		79-133							
460-00-4	Surrogate: p-Bromofluorobenzene	119 %		65-133							
2037-26-5	Surrogate: Toluene-d8	100 %		80-123							

Sample Information

Client Sample ID: MW-44A

York Sample ID: 13I0545-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13I0545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 8:45 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-44A

York Sample ID: 13I0545-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13I0545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 8:45 am

09/13/2013

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK



Sample Information

Client Sample ID: MW-44A

York Sample ID: 1310545-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 8:45 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
127-18-4	Tetrachloroethylene	1.3		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
108-88-3	Toluene	0.43	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 08:30	09/18/2013 19:21	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %	79-133								



Sample Information

Client Sample ID: MW-44A

York Sample ID: 1310545-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 8:45 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: p-Bromofluorobenzene	124 %			65-133						
2037-26-5	Surrogate: Toluene-d8	102 %			80-123						

Sample Information

Client Sample ID: MW-44b

York Sample ID: 1310545-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 2:20 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK



Sample Information

Client Sample ID: MW-44b

York Sample ID: 1310545-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 2:20 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK



Sample Information

Client Sample ID: MW-44b

York Sample ID: 1310545-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 2:20 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
127-18-4	Tetrachloroethylene	0.76		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 12:54	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	93.7 %	65-133								
2037-26-5	Surrogate: Toluene-d8	101 %	80-123								

Sample Information

Client Sample ID: MW-44C

York Sample ID: 1310545-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 9:35 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK



Sample Information

Client Sample ID: MW-44C

York Sample ID: 1310545-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 9:35 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK



Sample Information

Client Sample ID: MW-44C

York Sample ID: 1310545-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 9:35 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
108-88-3	Toluene	0.47	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 13:33	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.2 %		79-133							
460-00-4	Surrogate: p-Bromofluorobenzene	98.5 %		65-133							
2037-26-5	Surrogate: Toluene-d8	104 %		80-123							

Sample Information

Client Sample ID: MW-45A

York Sample ID: 1310545-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 3:23 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-45A

York Sample ID: 1310545-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 3:23 pm

09/13/2013

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK



Sample Information

Client Sample ID: MW-45A

York Sample ID: 1310545-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 3:23 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
108-88-3	Toluene	0.29	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:15	BK
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: MW-45A

York Sample ID: 1310545-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 3:23 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.7 %			79-133						
460-00-4	Surrogate: p-Bromofluorobenzene	95.5 %			65-133						
2037-26-5	Surrogate: Toluene-d8	97.8 %			80-123						

Sample Information

Client Sample ID: MW-45b

York Sample ID: 1310545-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 3:50 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK



Sample Information

Client Sample ID: MW-45b

York Sample ID: 1310545-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 3:50 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK



Sample Information

Client Sample ID: MW-45b

York Sample ID: 1310545-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 3:50 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
108-88-3	Toluene	0.32	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 14:55	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.7 %		79-133							
460-00-4	Surrogate: p-Bromofluorobenzene	96.7 %		65-133							
2037-26-5	Surrogate: Toluene-d8	102 %		80-123							

Sample Information

Client Sample ID: MW-46a

York Sample ID: 1310545-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 3:30 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK



Sample Information

Client Sample ID: MW-46a

York Sample ID: 1310545-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 3:30 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK



Sample Information

Client Sample ID: MW-46a

York Sample ID: 1310545-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 3:30 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
127-18-4	Tetrachloroethylene	0.20	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
79-01-6	Trichloroethylene	0.27	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 15:36	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.5 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	98.4 %	65-133								
2037-26-5	Surrogate: Toluene-d8	100 %	80-123								

Sample Information

Client Sample ID: MW-46b

York Sample ID: 1310545-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 4:20 pm

09/13/2013



Sample Information

Client Sample ID: MW-46b

York Sample ID: 13I0545-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13I0545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 4:20 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK



Sample Information

Client Sample ID: MW-46b

York Sample ID: 1310545-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 4:20 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:15	BK



Sample Information

Client Sample ID: MW-46b

York Sample ID: 13I0545-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13I0545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 4:20 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.2 %			79	133					
460-00-4	Surrogate: p-Bromofluorobenzene	95.8 %			65	133					
2037-26-5	Surrogate: Toluene-d8	103 %			80	123					

Sample Information

Client Sample ID: MW-47a

York Sample ID: 13I0545-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13I0545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 12:50 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK



Sample Information

Client Sample ID: MW-47a

York Sample ID: 1310545-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 12:50 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK



Sample Information

Client Sample ID: MW-47a

York Sample ID: 1310545-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 12:50 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
127-18-4	Tetrachloroethylene	0.23	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
79-01-6	Trichloroethylene	0.44	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 16:55	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.8 %		79-133							
460-00-4	Surrogate: p-Bromofluorobenzene	100 %		65-133							
2037-26-5	Surrogate: Toluene-d8	103 %		80-123							

Sample Information

Client Sample ID: MW-47b

York Sample ID: 1310545-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 12:35 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK



Sample Information

Client Sample ID: MW-47b

York Sample ID: 1310545-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 12:35 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK



Sample Information

Client Sample ID: MW-47b

York Sample ID: 1310545-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 12:35 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 08:12	09/18/2013 17:37	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	95.5 %	65-133								
2037-26-5	Surrogate: Toluene-d8	101 %	80-123								

Sample Information

Client Sample ID: MW-48a

York Sample ID: 1310545-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 11:50 am

09/13/2013



Sample Information

Client Sample ID: MW-48a

York Sample ID: 13I0545-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13I0545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 11:50 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK



Sample Information

Client Sample ID: MW-48a

York Sample ID: 1310545-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 11:50 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
75-00-3	Chloroethane	0.21	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 22:39	BK



Sample Information

Client Sample ID: MW-48a

York Sample ID: 1310545-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 11:50 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %			79-133						
460-00-4	Surrogate: p-Bromofluorobenzene	101 %			65-133						
2037-26-5	Surrogate: Toluene-d8	98.7 %			80-123						

Sample Information

Client Sample ID: MW-48b

York Sample ID: 1310545-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 12:44 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK



Sample Information

Client Sample ID: MW-48b

York Sample ID: 1310545-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 12:44 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
74-83-9	Bromomethane	0.48	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK



Sample Information

Client Sample ID: MW-48b

York Sample ID: 1310545-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 12:44 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 13:30	09/18/2013 23:23	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	91.5 %	65-133								
2037-26-5	Surrogate: Toluene-d8	94.8 %	80-123								

Sample Information

Client Sample ID: MW-49a

York Sample ID: 1310545-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 4:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK



Sample Information

Client Sample ID: MW-49a

York Sample ID: 1310545-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 4:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK



Sample Information

Client Sample ID: MW-49a

York Sample ID: 1310545-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 4:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
108-88-3	Toluene	0.24	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:07	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.4 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	95.1 %	65-133								
2037-26-5	Surrogate: Toluene-d8	103 %	80-123								

Sample Information

Client Sample ID: MW-49b

York Sample ID: 1310545-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 3:35 pm

09/13/2013



Sample Information

Client Sample ID: MW-49b

York Sample ID: 1310545-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 3:35 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK



Sample Information

Client Sample ID: MW-49b

York Sample ID: 1310545-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 3:35 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
127-18-4	Tetrachloroethylene	0.26	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
108-88-3	Toluene	0.33	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 00:51	BK



Sample Information

Client Sample ID: MW-49b

York Sample ID: 1310545-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 3:35 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %				79-133					
460-00-4	Surrogate: p-Bromofluorobenzene	102 %				65-133					
2037-26-5	Surrogate: Toluene-d8	96.8 %				80-123					

Sample Information

Client Sample ID: MW-49c

York Sample ID: 1310545-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 3:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK



Sample Information

Client Sample ID: MW-49c

York Sample ID: 1310545-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 3:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK



Sample Information

Client Sample ID: MW-49c

York Sample ID: 1310545-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 3:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
108-88-3	Toluene	0.48	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 01:35	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.8 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	95.7 %	65-133								
2037-26-5	Surrogate: Toluene-d8	103 %	80-123								

Sample Information

Client Sample ID: MW-50A

York Sample ID: 1310545-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 10:43 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK



Sample Information

Client Sample ID: MW-50A

York Sample ID: 1310545-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 10:43 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
67-66-3	Chloroform	0.22	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK



Sample Information

Client Sample ID: MW-50A

York Sample ID: 1310545-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 10:43 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	2.6		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
108-88-3	Toluene	0.28	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:18	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.0 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	102 %	65-133								
2037-26-5	Surrogate: Toluene-d8	101 %	80-123								

Sample Information

Client Sample ID: MW-50b

York Sample ID: 1310545-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 10:20 am

09/13/2013



Sample Information

Client Sample ID: MW-50b

York Sample ID: 1310545-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 10:20 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK



Sample Information

Client Sample ID: MW-50b

York Sample ID: 1310545-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 10:20 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
67-66-3	Chloroform	0.48	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
108-88-3	Toluene	0.28	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 02:58	BK



Sample Information

Client Sample ID: MW-50b

York Sample ID: 1310545-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 10:20 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	Result									
					Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %			79-133						
460-00-4	Surrogate: p-Bromofluorobenzene	94.1 %			65-133						
2037-26-5	Surrogate: Toluene-d8	100 %			80-123						

Sample Information

Client Sample ID: MW-50C

York Sample ID: 1310545-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 9:55 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK



Sample Information

Client Sample ID: MW-50C

York Sample ID: 1310545-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 9:55 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK



Sample Information

Client Sample ID: MW-50C

York Sample ID: 1310545-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 9:55 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
108-88-3	Toluene	0.31	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 03:43	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	115 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	92.4 %	65-133								
2037-26-5	Surrogate: Toluene-d8	98.4 %	80-123								

Sample Information

Client Sample ID: MW-52A

York Sample ID: 1310545-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 10:01 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK



Sample Information

Client Sample ID: MW-52A

York Sample ID: 1310545-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 10:01 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK



Sample Information

Client Sample ID: MW-52A

York Sample ID: 1310545-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 10:01 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
108-88-3	Toluene	0.22	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 04:27	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	97.2 %	65-133								
2037-26-5	Surrogate: Toluene-d8	98.2 %	80-123								

Sample Information

Client Sample ID: MW-53

York Sample ID: 1310545-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 1:20 pm

09/13/2013



Sample Information

Client Sample ID: MW-53

York Sample ID: 1310545-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 1:20 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
71-55-6	1,1,1-Trichloroethane	1.6		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
75-34-3	1,1-Dichloroethane	1.1		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK



Sample Information

Client Sample ID: MW-53

York Sample ID: 1310545-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 1:20 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
127-18-4	Tetrachloroethylene	0.32	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
108-88-3	Toluene	0.44	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 12:35	09/18/2013 23:43	BK



Sample Information

Client Sample ID: MW-53

York Sample ID: 1310545-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 1:20 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			79-133						
460-00-4	Surrogate: p-Bromofluorobenzene	126 %			65-133						
2037-26-5	Surrogate: Toluene-d8	101 %			80-123						

Sample Information

Client Sample ID: MW-54

York Sample ID: 1310545-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 2:05 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
71-55-6	1,1,1-Trichloroethane	0.37	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
75-34-3	1,1-Dichloroethane	0.27	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK



Sample Information

Client Sample ID: MW-54

York Sample ID: 1310545-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 2:05 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
67-64-1	Acetone	1.0	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
67-66-3	Chloroform	0.68		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK



Sample Information

Client Sample ID: MW-54

York Sample ID: 1310545-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 2:05 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
108-88-3	Toluene	0.49	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:18	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %		79-133							
460-00-4	Surrogate: p-Bromofluorobenzene	123 %		65-133							
2037-26-5	Surrogate: Toluene-d8	104 %		80-123							

Sample Information

Client Sample ID: MW-56A

York Sample ID: 1310545-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 12:50 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK



Sample Information

Client Sample ID: MW-56A

York Sample ID: 1310545-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 12:50 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK



Sample Information

Client Sample ID: MW-56A

York Sample ID: 1310545-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 12:50 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
108-88-3	Toluene	0.26	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 00:54	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	118 %	65-133								
2037-26-5	Surrogate: Toluene-d8	104 %	80-123								

Sample Information

Client Sample ID: MW-56B

York Sample ID: 1310545-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 12:28 pm

09/13/2013



Sample Information

Client Sample ID: MW-56B

York Sample ID: 1310545-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 12:28 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK



Sample Information

Client Sample ID: MW-56B

York Sample ID: 1310545-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 12:28 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
108-88-3	Toluene	0.38	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 01:29	BK



Sample Information

Client Sample ID: MW-56B

York Sample ID: 1310545-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 12:28 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			79-133						
460-00-4	Surrogate: p-Bromofluorobenzene	123 %			65-133						
2037-26-5	Surrogate: Toluene-d8	102 %			80-123						

Sample Information

Client Sample ID: MW-56C

York Sample ID: 1310545-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 12:07 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK



Sample Information

Client Sample ID: MW-56C

York Sample ID: 1310545-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 12:07 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK



Sample Information

Client Sample ID: MW-56C

York Sample ID: 1310545-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 12:07 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
108-88-3	Toluene	0.42	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:06	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	116 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	124 %	65-133								
2037-26-5	Surrogate: Toluene-d8	100 %	80-123								

Sample Information

Client Sample ID: MW-57C

York Sample ID: 1310545-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 1:50 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK



Sample Information

Client Sample ID: MW-57C

York Sample ID: 1310545-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 1:50 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
67-64-1	Acetone	1.6	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
67-66-3	Chloroform	1.0		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK



Sample Information

Client Sample ID: MW-57C

York Sample ID: 1310545-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 1:50 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
108-88-3	Toluene	0.43	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 02:41	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	128 %	65-133								
2037-26-5	Surrogate: Toluene-d8	103 %	80-123								

Sample Information

Client Sample ID: MW-98-01A

York Sample ID: 1310545-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 11:02 am

09/13/2013



Sample Information

Client Sample ID: MW-98-01A

York Sample ID: 1310545-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 11:02 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
71-55-6	1,1,1-Trichloroethane	1.1		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
67-64-1	Acetone	1.3	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK



Sample Information

Client Sample ID: MW-98-01A

York Sample ID: 1310545-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 11:02 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
156-59-2	cis-1,2-Dichloroethylene	0.79		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
127-18-4	Tetrachloroethylene	35		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
79-01-6	Trichloroethylene	0.27	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:17	BK



Sample Information

Client Sample ID: MW-98-01A

York Sample ID: 1310545-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 11:02 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	123 %			79-133						
460-00-4	Surrogate: p-Bromofluorobenzene	118 %			65-133						
2037-26-5	Surrogate: Toluene-d8	103 %			80-123						

Sample Information

Client Sample ID: MW-98-04

York Sample ID: 1310545-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 5:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK



Sample Information

Client Sample ID: MW-98-04

York Sample ID: 1310545-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 5:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK



Sample Information

Client Sample ID: MW-98-04

York Sample ID: 1310545-32

York Project (SDG) No.
1310545

Client Project ID
O&M Sag Harbor (Rowe Industries Site)

Matrix
Water

Collection Date/Time
September 10, 2013 5:00 pm

Date Received
09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
127-18-4	Tetrachloroethylene	6.6		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
108-88-3	Toluene	0.27	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 03:59	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	131 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	119 %	65-133								
2037-26-5	Surrogate: Toluene-d8	99.8 %	80-123								

Sample Information

Client Sample ID: MW-98-05A

York Sample ID: 1310545-33

York Project (SDG) No.
1310545

Client Project ID
O&M Sag Harbor (Rowe Industries Site)

Matrix
Water

Collection Date/Time
September 12, 2013 11:33 am

Date Received
09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
71-55-6	1,1,1-Trichloroethane	1.4		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
75-34-3	1,1-Dichloroethane	0.53		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK



Sample Information

Client Sample ID: MW-98-05A

York Sample ID: 1310545-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 11:33 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
67-64-1	Acetone	34	B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
156-59-2	cis-1,2-Dichloroethylene	120		ug/L	2.0	5.0	10	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 11:32	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK



Sample Information

Client Sample ID: MW-98-05A

York Sample ID: 1310545-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 11:33 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
127-18-4	Tetrachloroethylene	110		ug/L	2.0	5.0	10	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 11:32	BK
108-88-3	Toluene	0.34	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
156-60-5	trans-1,2-Dichloroethylene	0.30	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
79-01-6	Trichloroethylene	23		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
75-01-4	Vinyl Chloride	3.6		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 04:37	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	122 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	116 %	65-133								
2037-26-5	Surrogate: Toluene-d8	103 %	80-123								

Sample Information

Client Sample ID: MW-98-05b

York Sample ID: 1310545-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 12:30 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-98-05b

York Sample ID: 1310545-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 12:30 pm

09/13/2013

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
67-64-1	Acetone	2.0	B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
71-43-2	Benzene	0.46	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK



Sample Information

Client Sample ID: MW-98-05b

York Sample ID: 1310545-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 12:30 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
156-59-2	cis-1,2-Dichloroethylene	0.43	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
108-88-3	Toluene	1.7	B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 12:35	09/19/2013 05:13	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	121 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	122 %	65-133								



Sample Information

Client Sample ID: MW-98-05b

York Sample ID: 1310545-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 12:30 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: Toluene-d8	101 %			80-123						

Sample Information

Client Sample ID: MW-B1

York Sample ID: 1310545-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 10:22 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK



Sample Information

Client Sample ID: MW-B1

York Sample ID: 1310545-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 10:22 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
67-64-1	Acetone	1.0	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK



Sample Information

Client Sample ID: MW-B1

York Sample ID: 1310545-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 10:22 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
108-88-3	Toluene	0.21	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:11	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %		79-133							
460-00-4	Surrogate: p-Bromofluorobenzene	120 %		65-133							
2037-26-5	Surrogate: Toluene-d8	103 %		80-123							

Sample Information

Client Sample ID: MW-B2

York Sample ID: 1310545-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 9:55 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK



Sample Information

Client Sample ID: MW-B2

York Sample ID: 1310545-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 9:55 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
67-64-1	Acetone	1.1	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK



Sample Information

Client Sample ID: MW-B2

York Sample ID: 1310545-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 9:55 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 12:54	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	122 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	117 %	65-133								
2037-26-5	Surrogate: Toluene-d8	100 %	80-123								

Sample Information

Client Sample ID: MW-B3

York Sample ID: 1310545-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 10:55 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-B3

York Sample ID: 1310545-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 10:55 am

09/13/2013

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
67-64-1	Acetone	1.3	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK



Sample Information

Client Sample ID: MW-B3

York Sample ID: 1310545-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 10:55 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 13:35	BK
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: MW-B3

York Sample ID: 1310545-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 10:55 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %			79-133						
460-00-4	Surrogate: p-Bromofluorobenzene	126 %			65-133						
2037-26-5	Surrogate: Toluene-d8	102 %			80-123						

Sample Information

Client Sample ID: MW-B4

York Sample ID: 1310545-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 11:25 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK



Sample Information

Client Sample ID: MW-B4

York Sample ID: 1310545-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 11:25 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK



Sample Information

Client Sample ID: MW-B4

York Sample ID: 1310545-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 11:25 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:11	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	114 %		79-133							
460-00-4	Surrogate: p-Bromofluorobenzene	122 %		65-133							
2037-26-5	Surrogate: Toluene-d8	103 %		80-123							

Sample Information

Client Sample ID: N-1B

York Sample ID: 1310545-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 6:43 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK



Sample Information

Client Sample ID: N-1B

York Sample ID: 1310545-39

York Project (SDG) No.

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1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 6:43 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK



Sample Information

Client Sample ID: N-1B

York Sample ID: 1310545-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 6:43 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
108-88-3	Toluene	0.29	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 14:49	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	120 %	65-133								
2037-26-5	Surrogate: Toluene-d8	104 %	80-123								

Sample Information

Client Sample ID: N-2B

York Sample ID: 1310545-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 9:12 am

09/13/2013



Sample Information

Client Sample ID: N-2B

York Sample ID: 1310545-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 9:12 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK



Sample Information

Client Sample ID: N-2B

York Sample ID: 1310545-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 9:12 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
67-66-3	Chloroform	0.95		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	0.24	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
108-88-3	Toluene	0.35	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 15:25	BK



Sample Information

Client Sample ID: N-2B

York Sample ID: 1310545-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 9:12 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %			79-133						
460-00-4	Surrogate: p-Bromofluorobenzene	128 %			65-133						
2037-26-5	Surrogate: Toluene-d8	103 %			80-123						

Sample Information

Client Sample ID: N-16

York Sample ID: 1310545-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 9:40 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK



Sample Information

Client Sample ID: N-16

York Sample ID: 1310545-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 9:40 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
67-64-1	Acetone	1.4	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK



Sample Information

Client Sample ID: N-16

York Sample ID: 1310545-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 9:40 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:00	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	131 %	65-133								
2037-26-5	Surrogate: Toluene-d8	103 %	80-123								

Sample Information

Client Sample ID: N-32

York Sample ID: 1310545-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 9:45 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK



Sample Information

Client Sample ID: N-32

York Sample ID: 1310545-42

York Project (SDG) No.

1310545

Client Project ID

O&M Sag Harbor (Rowe Industries Site)

Matrix

Water

Collection Date/Time

September 11, 2013 9:45 am

Date Received

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
67-64-1	Acetone	1.2	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK



Sample Information

Client Sample ID: N-32

York Sample ID: 1310545-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 9:45 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
108-88-3	Toluene	0.43	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 16:37	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	118 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	125 %	65-133								
2037-26-5	Surrogate: Toluene-d8	103 %	80-123								

Sample Information

Client Sample ID: MW-A

York Sample ID: 1310545-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:00 pm

09/13/2013



Sample Information

Client Sample ID: MW-A

York Sample ID: 1310545-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
67-64-1	Acetone	1.0	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK



Sample Information

Client Sample ID: MW-A

York Sample ID: 1310545-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
127-18-4	Tetrachloroethylene	0.21	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
79-01-6	Trichloroethylene	0.42	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:13	BK



Sample Information

Client Sample ID: MW-A

York Sample ID: 1310545-43

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	114 %			79	133					
460-00-4	Surrogate: p-Bromofluorobenzene	122 %			65	133					
2037-26-5	Surrogate: Toluene-d8	103 %			80	123					

Sample Information

Client Sample ID: MW-B

York Sample ID: 1310545-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 2:10 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
71-55-6	1,1,1-Trichloroethane	0.45	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
75-34-3	1,1-Dichloroethane	0.32	J	ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK



Sample Information

Client Sample ID: MW-B

York Sample ID: 1310545-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 2:10 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
67-64-1	Acetone	1.7	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
67-66-3	Chloroform	0.75		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK



Sample Information

Client Sample ID: MW-B

York Sample ID: 1310545-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 2:10 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
108-88-3	Toluene	0.52		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 17:53	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	124 %		79-133							
460-00-4	Surrogate: p-Bromofluorobenzene	113 %		65-133							
2037-26-5	Surrogate: Toluene-d8	99.0 %		80-123							

Sample Information

Client Sample ID: MW-C

York Sample ID: 1310545-45

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 3:10 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK



Sample Information

Client Sample ID: MW-C

York Sample ID: 1310545-45

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 3:10 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
67-64-1	Acetone	1.4	J, B	ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK



Sample Information

Client Sample ID: MW-C

York Sample ID: 1310545-45

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 10, 2013 3:10 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
108-88-3	Toluene	0.55		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/19/2013 08:12	09/19/2013 18:30	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	120 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	125 %	65-133								
2037-26-5	Surrogate: Toluene-d8	102 %	80-123								

Sample Information

Client Sample ID: FB-PW

York Sample ID: 1310545-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:15 pm

09/13/2013



Sample Information

Client Sample ID: FB-PW

York Sample ID: 1310545-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:15 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
74-83-9	Bromomethane	0.55	B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK



Sample Information

Client Sample ID: FB-PW

York Sample ID: 1310545-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:15 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:00	BK



Sample Information

Client Sample ID: FB-PW

York Sample ID: 1310545-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:15 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	Result									
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %									
460-00-4	Surrogate: p-Bromofluorobenzene	96.1 %									
2037-26-5	Surrogate: Toluene-d8	102 %									

Sample Information

Client Sample ID: Field Blank SH

York Sample ID: 1310545-47

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 3:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK



Sample Information

Client Sample ID: Field Blank SH

York Sample ID: 1310545-47

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 3:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
74-83-9	Bromomethane	0.32	J, B	ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK



Sample Information

Client Sample ID: Field Blank SH

York Sample ID: 1310545-47

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 11, 2013 3:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 10:42	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.7 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	65-133								
2037-26-5	Surrogate: Toluene-d8	103 %	80-123								

Sample Information

Client Sample ID: Field Blank CC

York Sample ID: 1310545-48

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 9:15 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK



Sample Information

Client Sample ID: Field Blank CC

York Sample ID: 1310545-48

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 9:15 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK



Sample Information

Client Sample ID: Field Blank CC

York Sample ID: 1310545-48

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 9:15 am

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 11:25	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.6 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	98.6 %	65-133								
2037-26-5	Surrogate: Toluene-d8	103 %	80-123								



Sample Information

Client Sample ID: Field Blank EF

York Sample ID: 1310545-49

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK



Sample Information

Client Sample ID: Field Blank EF

York Sample ID: 1310545-49

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/18/2013 13:30	09/19/2013 05:11	BK



Sample Information

Client Sample ID: Field Blank EF

York Sample ID: 1310545-49

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	Result									
					Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %			79-133						
460-00-4	Surrogate: p-Bromofluorobenzene	97.6 %			65-133						
2037-26-5	Surrogate: Toluene-d8	103 %			80-123						

Sample Information

Client Sample ID: Field Blank JM

York Sample ID: 1310545-50

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:20 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK



Sample Information

Client Sample ID: Field Blank JM

York Sample ID: 1310545-50

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:20 pm

09/13/2013

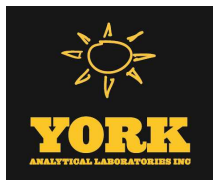
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK



Sample Information

Client Sample ID: Field Blank JM

York Sample ID: 1310545-50

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 1:20 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:08	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	95.0 %	65-133								
2037-26-5	Surrogate: Toluene-d8	103 %	80-123								

Sample Information

Client Sample ID: TBCC

York Sample ID: 1310545-51

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 3:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK



Sample Information

Client Sample ID: TBCC

York Sample ID: 1310545-51

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 3:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK



Sample Information

Client Sample ID: TBCC

York Sample ID: 1310545-51

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 3:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 12:47	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	65-133								
2037-26-5	Surrogate: Toluene-d8	106 %	80-123								



Sample Information

Client Sample ID: TBJM

York Sample ID: 1310545-52

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 3:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK



Sample Information

Client Sample ID: TBJM

York Sample ID: 1310545-52

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 3:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 13:26	BK



Sample Information

Client Sample ID: TBJM

York Sample ID: 1310545-52

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 3:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.0 %				79-133					
460-00-4	Surrogate: p-Bromofluorobenzene	101 %				65-133					
2037-26-5	Surrogate: Toluene-d8	101 %				80-123					

Sample Information

Client Sample ID: TBPW

York Sample ID: 1310545-53

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 3:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK



Sample Information

Client Sample ID: TBPW

York Sample ID: 1310545-53

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 3:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

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	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK



Sample Information

Client Sample ID: TBPW

York Sample ID: 1310545-53

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1310545

O&M Sag Harbor (Rowe Industries Site)

Water

September 12, 2013 3:00 pm

09/13/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA SW846-8260B	09/19/2013 08:22	09/19/2013 14:11	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	79-133								
460-00-4	Surrogate: p-Bromofluorobenzene	97.0 %	65-133								
2037-26-5	Surrogate: Toluene-d8	104 %	80-123								



Analytical Batch Summary

Batch ID: BI30764

Preparation Method: EPA 5030B

Prepared By: EKM

YORK Sample ID	Client Sample ID	Preparation Date
13I0545-01	MW-28A	09/18/13
13I0545-02	MW-28b	09/18/13
13I0545-03	MW-42b	09/18/13
13I0545-04	MW-43A	09/18/13
13I0545-05	MW-43b	09/18/13
13I0545-06	MW-43C	09/18/13
13I0545-07	MW-44A	09/18/13
BI30764-BLK1	Blank	09/18/13
BI30764-BS1	LCS	09/18/13
BI30764-BSD1	LCS Dup	09/18/13

Batch ID: BI30765

Preparation Method: EPA 5030B

Prepared By: BK

YORK Sample ID	Client Sample ID	Preparation Date
13I0545-08	MW-44b	09/18/13
13I0545-09	MW-44C	09/18/13
13I0545-10	MW-45A	09/18/13
13I0545-11	MW-45b	09/18/13
13I0545-12	MW-46a	09/18/13
13I0545-13	MW-46b	09/18/13
13I0545-14	MW-47a	09/18/13
13I0545-15	MW-47b	09/18/13
BI30765-BLK1	Blank	09/18/13
BI30765-BS1	LCS	09/18/13
BI30765-BSD1	LCS Dup	09/18/13

Batch ID: BI30806

Preparation Method: EPA 5030B

Prepared By: BK

YORK Sample ID	Client Sample ID	Preparation Date
13I0545-25	MW-53	09/18/13
13I0545-26	MW-54	09/18/13
13I0545-27	MW-56A	09/18/13
13I0545-28	MW-56B	09/18/13
13I0545-29	MW-56C	09/18/13
13I0545-30	MW-57C	09/18/13
13I0545-31	MW-98-01A	09/18/13
13I0545-32	MW-98-04	09/18/13
13I0545-33	MW-98-05A	09/18/13
13I0545-34	MW-98-05b	09/18/13
BI30806-BLK1	Blank	09/18/13
BI30806-BS1	LCS	09/18/13
BI30806-BSD1	LCS Dup	09/18/13
BI30806-MS1	Matrix Spike	09/18/13
BI30806-MS2	Matrix Spike	09/18/13
BI30806-MSD1	Matrix Spike Dup	09/18/13
BI30806-MSD2	Matrix Spike Dup	09/18/13



Batch ID: BI30809

Preparation Method: EPA 5030B

Prepared By: BK

YORK Sample ID	Client Sample ID	Preparation Date
13I0545-16	MW-48a	09/18/13
13I0545-17	MW-48b	09/18/13
13I0545-18	MW-49a	09/18/13
13I0545-19	MW-49b	09/18/13
13I0545-20	MW-49c	09/18/13
13I0545-21	MW-50A	09/18/13
13I0545-22	MW-50b	09/18/13
13I0545-23	MW-50C	09/18/13
13I0545-24	MW-52A	09/18/13
13I0545-49	Field Blank EF	09/18/13
BI30809-BLK1	Blank	09/18/13
BI30809-BS1	LCS	09/18/13
BI30809-BSD1	LCS Dup	09/18/13
BI30809-MS1	Matrix Spike	09/18/13
BI30809-MSD1	Matrix Spike Dup	09/18/13

Batch ID: BI30841

Preparation Method: EPA 5030B

Prepared By: BK

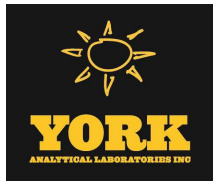
YORK Sample ID	Client Sample ID	Preparation Date
13I0545-33RE1	MW-98-05A	09/19/13
13I0545-35	MW-B1	09/19/13
13I0545-36	MW-B2	09/19/13
13I0545-37	MW-B3	09/19/13
13I0545-38	MW-B4	09/19/13
13I0545-39	N-1B	09/19/13
13I0545-40	N-2B	09/19/13
13I0545-41	N-16	09/19/13
13I0545-42	N-32	09/19/13
13I0545-43	MW-A	09/19/13
13I0545-44	MW-B	09/19/13
13I0545-45	MW-C	09/19/13
BI30841-BLK1	Blank	09/19/13
BI30841-BS1	LCS	09/19/13
BI30841-BSD1	LCS Dup	09/19/13

Batch ID: BI30842

Preparation Method: EPA 5030B

Prepared By: BK

YORK Sample ID	Client Sample ID	Preparation Date
13I0545-46	FB-PW	09/19/13
13I0545-47	Field Blank SH	09/19/13
13I0545-48	Field Blank CC	09/19/13
13I0545-50	Field Blank JM	09/19/13
13I0545-51	TBCC	09/19/13
13I0545-52	TBJM	09/19/13
13I0545-53	TBPW	09/19/13
BI30842-BLK1	Blank	09/19/13
BI30842-BS1	LCS	09/19/13



BI30842-BSD1

LCS Dup

09/19/13



Volatile Organic Compounds by GC/MS - 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 BI30764 - EPA 5030B

Blank (BI30764-BLK1)

Prepared & Analyzed: 09/18/2013

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	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	6.6	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	ND	2.0	"
Naphthalene	ND	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"



Volatile Organic Compounds by GC/MS - 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 BI30764 - EPA 5030B

Blank (BI30764-BLK1)

Prepared & Analyzed: 09/18/2013

p- & m- Xylenes	ND	1.0	ug/L
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	0.22	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	12.0	"	10.0	120	79-133
Surrogate: p-Bromofluorobenzene	11.8	"	10.0	118	65-133
Surrogate: Toluene-d8	9.85	"	10.0	98.5	80-123

LCS (BI30764-BS1)

Prepared & Analyzed: 09/18/2013

1,1,1,2-Tetrachloroethane	9.39	ug/L	10.0	93.9	84-127
1,1,1-Trichloroethane	11.4	"	10.0	114	80-131
1,1,2,2-Tetrachloroethane	10.3	"	10.0	103	76-120
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.1	"	10.0	121	70-133
1,1,2-Trichloroethane	9.71	"	10.0	97.1	73-124
1,1-Dichloroethane	11.3	"	10.0	113	79-123
1,1-Dichloroethylene	11.0	"	10.0	110	71-123
1,1-Dichloropropylene	10.7	"	10.0	107	73-117
1,2,3-Trichlorobenzene	9.99	"	10.0	99.9	78-117
1,2,3-Trichloropropane	9.78	"	10.0	97.8	68-119
1,2,4-Trichlorobenzene	9.49	"	10.0	94.9	78-117
1,2,4-Trimethylbenzene	8.92	"	10.0	89.2	68-134
1,2-Dibromo-3-chloropropane	9.88	"	10.0	98.8	73-129
1,2-Dibromoethane	9.75	"	10.0	97.5	73-139
1,2-Dichlorobenzene	9.87	"	10.0	98.7	83-110
1,2-Dichloroethane	11.7	"	10.0	117	81-120
1,2-Dichloropropane	9.26	"	10.0	92.6	76-120
1,3,5-Trimethylbenzene	8.54	"	10.0	85.4	74-121
1,3-Dichlorobenzene	9.37	"	10.0	93.7	82-112
1,3-Dichloropropane	9.52	"	10.0	95.2	77-122
1,4-Dichlorobenzene	9.65	"	10.0	96.5	83-110
2,2-Dichloropropane	11.2	"	10.0	112	50-163
2-Chlorotoluene	9.39	"	10.0	93.9	74-115
2-Hexanone	9.58	"	10.0	95.8	65-130
4-Chlorotoluene	9.79	"	10.0	97.9	77-119
Acetone	15.0	"	10.0	150	54-129
Benzene	11.0	"	10.0	110	77-122
Bromobenzene	9.56	"	10.0	95.6	76-114
Bromochloromethane	12.1	"	10.0	121	73-125
Bromodichloromethane	9.49	"	10.0	94.9	83-120
Bromoform	10.0	"	10.0	100	72-139
Bromomethane	9.26	"	10.0	92.6	52-128
Carbon tetrachloride	12.1	"	10.0	121	66-152
Chlorobenzene	9.89	"	10.0	98.9	85-113

High Bias



Volatile Organic Compounds by GC/MS - 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 BI30764 - EPA 5030B

LCS (BI30764-BS1)

Prepared & Analyzed: 09/18/2013

Chloroethane	10.9		ug/L	10.0		109	60-124				
Chloroform	10.9		"	10.0		109	82-119				
Chloromethane	7.56		"	10.0		75.6	42-126				
cis-1,2-Dichloroethylene	10.9		"	10.0		109	79-116				
cis-1,3-Dichloropropylene	9.96		"	10.0		99.6	85-134				
Dibromochloromethane	9.82		"	10.0		98.2	74-151				
Dibromomethane	9.92		"	10.0		99.2	74-128				
Dichlorodifluoromethane	8.31		"	10.0		83.1	10-146				
Ethyl Benzene	9.83		"	10.0		98.3	85-125				
Hexachlorobutadiene	9.63		"	10.0		96.3	69-131				
Isopropylbenzene	9.66		"	10.0		96.6	71-128				
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	51-134				
Methylene chloride	10.5		"	10.0		105	76-122				
Naphthalene	9.78		"	10.0		97.8	72-127				
n-Butylbenzene	9.68		"	10.0		96.8	69-127				
n-Propylbenzene	9.82		"	10.0		98.2	70-129				
o-Xylene	9.68		"	10.0		96.8	83-117				
p- & m- Xylenes	19.3		"	20.0		96.4	80-126				
p-Isopropyltoluene	9.87		"	10.0		98.7	74-130				
sec-Butylbenzene	10.0		"	10.0		100	72-132				
Styrene	9.97		"	10.0		99.7	62-160				
tert-Butylbenzene	9.91		"	10.0		99.1	75-129				
Tetrachloroethylene	9.16		"	10.0		91.6	67-118				
Toluene	9.74		"	10.0		97.4	82-118				
trans-1,2-Dichloroethylene	11.2		"	10.0		112	76-119				
trans-1,3-Dichloropropylene	9.88		"	10.0		98.8	80-137				
Trichloroethylene	9.29		"	10.0		92.9	71-122				
Trichlorofluoromethane	11.4		"	10.0		114	67-130				
Vinyl Chloride	10.2		"	10.0		102	49-125				
Surrogate: 1,2-Dichloroethane-d4	11.1		"	10.0		111	79-133				
Surrogate: p-Bromofluorobenzene	9.85		"	10.0		98.5	65-133				
Surrogate: Toluene-d8	9.46		"	10.0		94.6	80-123				



Volatile Organic Compounds by GC/MS - 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 BI30764 - EPA 5030B											
LCS Dup (BI30764-BS01)						Prepared & Analyzed: 09/18/2013					
1,1,1,2-Tetrachloroethane	9.54		ug/L	10.0		95.4	84-127		1.58	30	
1,1,1-Trichloroethane	10.6		"	10.0		106	80-131		7.26	30	
1,1,2,2-Tetrachloroethane	12.0		"	10.0		120	76-120		14.8	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	70-133		7.28	30	
1,1,2-Trichloroethane	11.0		"	10.0		110	73-124		12.5	30	
1,1-Dichloroethane	10.5		"	10.0		105	79-123		7.63	30	
1,1-Dichloroethylene	10.3		"	10.0		103	71-123		7.14	30	
1,1-Dichloropropylene	9.91		"	10.0		99.1	73-117		7.57	30	
1,2,3-Trichlorobenzene	10.4		"	10.0		104	78-117		4.21	30	
1,2,3-Trichloropropane	11.7		"	10.0		117	68-119		17.6	30	
1,2,4-Trichlorobenzene	9.30		"	10.0		93.0	78-117		2.02	30	
1,2,4-Trimethylbenzene	8.06		"	10.0		80.6	68-134		10.1	30	
1,2-Dibromo-3-chloropropane	13.4		"	10.0		134	73-129	High Bias	30.5	30	Non-dir.
1,2-Dibromoethane	11.5		"	10.0		115	73-139		16.6	30	
1,2-Dichlorobenzene	9.69		"	10.0		96.9	83-110		1.84	30	
1,2-Dichloroethane	11.9		"	10.0		119	81-120		1.61	30	
1,2-Dichloropropane	9.63		"	10.0		96.3	76-120		3.92	30	
1,3,5-Trimethylbenzene	7.63		"	10.0		76.3	74-121		11.3	30	
1,3-Dichlorobenzene	9.00		"	10.0		90.0	82-112		4.03	30	
1,3-Dichloropropane	10.8		"	10.0		108	77-122		12.7	30	
1,4-Dichlorobenzene	8.99		"	10.0		89.9	83-110		7.08	30	
2,2-Dichloropropane	10.0		"	10.0		100	50-163		10.9	30	
2-Chlorotoluene	8.73		"	10.0		87.3	74-115		7.28	30	
2-Hexanone	13.9		"	10.0		139	65-130	High Bias	36.6	30	Non-dir.
4-Chlorotoluene	8.89		"	10.0		88.9	77-119		9.64	30	
Acetone	18.9		"	10.0		189	54-129	High Bias	23.0	30	
Benzene	10.6		"	10.0		106	77-122		3.88	30	
Bromobenzene	9.57		"	10.0		95.7	76-114		0.105	30	
Bromochloromethane	11.8		"	10.0		118	73-125		2.85	30	
Bromodichloromethane	9.93		"	10.0		99.3	83-120		4.53	30	
Bromoform	11.6		"	10.0		116	72-139		14.8	30	
Bromomethane	8.33		"	10.0		83.3	52-128		10.6	30	
Carbon tetrachloride	11.1		"	10.0		111	66-152		8.19	30	
Chlorobenzene	9.97		"	10.0		99.7	85-113		0.806	30	
Chloroethane	9.94		"	10.0		99.4	60-124		8.94	30	
Chloroform	10.6		"	10.0		106	82-119		2.78	30	
Chloromethane	7.37		"	10.0		73.7	42-126		2.55	30	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	79-116		3.36	30	
cis-1,3-Dichloropropylene	10.5		"	10.0		105	85-134		4.90	30	
Dibromochloromethane	10.8		"	10.0		108	74-151		9.97	30	
Dibromomethane	11.3		"	10.0		113	74-128		12.7	30	
Dichlorodifluoromethane	7.94		"	10.0		79.4	10-146		4.55	30	
Ethyl Benzene	9.75		"	10.0		97.5	85-125		0.817	30	
Hexachlorobutadiene	8.94		"	10.0		89.4	69-131		7.43	30	
Isopropylbenzene	8.85		"	10.0		88.5	71-128		8.75	30	
Methyl tert-butyl ether (MTBE)	12.2		"	10.0		122	51-134		6.62	30	
Methylene chloride	10.4		"	10.0		104	76-122		0.575	30	
Naphthalene	11.7		"	10.0		117	72-127		17.5	30	
n-Butylbenzene	8.98		"	10.0		89.8	69-127		7.50	30	
n-Propylbenzene	8.89		"	10.0		88.9	70-129		9.94	30	
o-Xylene	9.49		"	10.0		94.9	83-117		1.98	30	



Volatile Organic Compounds by GC/MS - 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 BI30764 - EPA 5030B

LCS Dup (BI30764-BSD1)

Prepared & Analyzed: 09/18/2013

p- & m- Xylenes	18.7		ug/L	20.0		93.3	80-126		3.22	30
p-Isopropyltoluene	8.93		"	10.0		89.3	74-130		10.0	30
sec-Butylbenzene	9.15		"	10.0		91.5	72-132		9.08	30
Styrene	9.73		"	10.0		97.3	62-160		2.44	30
tert-Butylbenzene	8.66		"	10.0		86.6	75-129		13.5	30
Tetrachloroethylene	9.07		"	10.0		90.7	67-118		0.987	30
Toluene	9.83		"	10.0		98.3	82-118		0.920	30
trans-1,2-Dichloroethylene	10.5		"	10.0		105	76-119		6.55	30
trans-1,3-Dichloropropylene	10.9		"	10.0		109	80-137		9.54	30
Trichloroethylene	9.22		"	10.0		92.2	71-122		0.756	30
Trichlorofluoromethane	10.4		"	10.0		104	67-130		8.62	30
Vinyl Chloride	9.76		"	10.0		97.6	49-125		4.51	30
Surrogate: 1,2-Dichloroethane-d4	11.6		"	10.0		116	79-133			
Surrogate: p-Bromofluorobenzene	9.88		"	10.0		98.8	65-133			
Surrogate: Toluene-d8	9.43		"	10.0		94.3	80-123			

Batch BI30765 - EPA 5030B

Blank (BI30765-BLK1)

Prepared & Analyzed: 09/18/2013

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	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
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	1.5	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"



Volatile Organic Compounds by GC/MS - 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 BI30765 - EPA 5030B

Blank (BI30765-BLK1)

Prepared & Analyzed: 09/18/2013

Chlorobenzene	ND	0.50	ug/L								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	0.21	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	9.52		"	10.0		95.2	79-133				
Surrogate: p-Bromofluorobenzene	10.2		"	10.0		102	65-133				
Surrogate: Toluene-d8	10.1		"	10.0		101	80-123				



Volatile Organic Compounds by GC/MS - 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 BI30765 - EPA 5030B											
LCS (BI30765-BS1)						Prepared & Analyzed: 09/18/2013					
1,1,1,2-Tetrachloroethane	9.78		ug/L	10.0		97.8	84-127				
1,1,1-Trichloroethane	9.61		"	10.0		96.1	80-131				
1,1,2,2-Tetrachloroethane	9.51		"	10.0		95.1	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	70-133				
1,1,2-Trichloroethane	8.76		"	10.0		87.6	73-124				
1,1-Dichloroethane	9.87		"	10.0		98.7	79-123				
1,1-Dichloroethylene	9.31		"	10.0		93.1	71-123				
1,1-Dichloropropylene	9.29		"	10.0		92.9	73-117				
1,2,3-Trichlorobenzene	9.55		"	10.0		95.5	78-117				
1,2,3-Trichloropropane	8.97		"	10.0		89.7	68-119				
1,2,4-Trichlorobenzene	10.3		"	10.0		103	78-117				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	68-134				
1,2-Dibromo-3-chloropropane	8.27		"	10.0		82.7	73-129				
1,2-Dibromoethane	9.38		"	10.0		93.8	73-139				
1,2-Dichlorobenzene	9.79		"	10.0		97.9	83-110				
1,2-Dichloroethane	9.36		"	10.0		93.6	81-120				
1,2-Dichloropropane	9.60		"	10.0		96.0	76-120				
1,3,5-Trimethylbenzene	10.4		"	10.0		104	74-121				
1,3-Dichlorobenzene	10.0		"	10.0		100	82-112				
1,3-Dichloropropane	9.32		"	10.0		93.2	77-122				
1,4-Dichlorobenzene	9.87		"	10.0		98.7	83-110				
2,2-Dichloropropane	11.8		"	10.0		118	50-163				
2-Chlorotoluene	10.1		"	10.0		101	74-115				
2-Hexanone	8.27		"	10.0		82.7	65-130				
4-Chlorotoluene	9.77		"	10.0		97.7	77-119				
Acetone	3.88		"	10.0		38.8	54-129	Low Bias			
Benzene	9.73		"	10.0		97.3	77-122				
Bromobenzene	9.02		"	10.0		90.2	76-114				
Bromochloromethane	9.69		"	10.0		96.9	73-125				
Bromodichloromethane	9.84		"	10.0		98.4	83-120				
Bromoform	9.70		"	10.0		97.0	72-139				
Bromomethane	9.59		"	10.0		95.9	52-128				
Carbon tetrachloride	9.97		"	10.0		99.7	66-152				
Chlorobenzene	9.73		"	10.0		97.3	85-113				
Chloroethane	8.59		"	10.0		85.9	60-124				
Chloroform	9.41		"	10.0		94.1	82-119				
Chloromethane	7.17		"	10.0		71.7	42-126				
cis-1,2-Dichloroethylene	9.66		"	10.0		96.6	79-116				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	85-134				
Dibromochloromethane	9.90		"	10.0		99.0	74-151				
Dibromomethane	9.07		"	10.0		90.7	74-128				
Dichlorodifluoromethane	6.16		"	10.0		61.6	10-146				
Ethyl Benzene	10.0		"	10.0		100	85-125				
Hexachlorobutadiene	10.6		"	10.0		106	69-131				
Isopropylbenzene	10.4		"	10.0		104	71-128				
Methyl tert-butyl ether (MTBE)	9.26		"	10.0		92.6	51-134				
Methylene chloride	7.43		"	10.0		74.3	76-122	Low Bias			
Naphthalene	9.40		"	10.0		94.0	72-127				
n-Butylbenzene	10.4		"	10.0		104	69-127				
n-Propylbenzene	10.2		"	10.0		102	70-129				
o-Xylene	9.86		"	10.0		98.6	83-117				



Volatile Organic Compounds by GC/MS - 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 BI30765 - EPA 5030B

LCS (BI30765-BS1)

Prepared & Analyzed: 09/18/2013

p- & m- Xylenes	20.0		ug/L	20.0		100	80-126				
p-Isopropyltoluene	10.6		"	10.0		106	74-130				
sec-Butylbenzene	10.6		"	10.0		106	72-132				
Styrene	11.1		"	10.0		111	62-160				
tert-Butylbenzene	10.2		"	10.0		102	75-129				
Tetrachloroethylene	9.86		"	10.0		98.6	67-118				
Toluene	8.87		"	10.0		88.7	82-118				
trans-1,2-Dichloroethylene	9.36		"	10.0		93.6	76-119				
trans-1,3-Dichloropropylene	10.3		"	10.0		103	80-137				
Trichloroethylene	9.92		"	10.0		99.2	71-122				
Trichlorofluoromethane	9.52		"	10.0		95.2	67-130				
Vinyl Chloride	8.11		"	10.0		81.1	49-125				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.41</i>		<i>"</i>	<i>10.0</i>		<i>94.1</i>	<i>79-133</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.92</i>		<i>"</i>	<i>10.0</i>		<i>99.2</i>	<i>65-133</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.98</i>		<i>"</i>	<i>10.0</i>		<i>99.8</i>	<i>80-123</i>				

LCS Dup (BI30765-BSD1)

Prepared & Analyzed: 09/18/2013

1,1,1,2-Tetrachloroethane	9.52		ug/L	10.0		95.2	84-127		2.69	30	
1,1,1-Trichloroethane	10.0		"	10.0		100	80-131		3.98	30	
1,1,2,2-Tetrachloroethane	9.05		"	10.0		90.5	76-120		4.96	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	70-133		1.78	30	
1,1,2-Trichloroethane	9.30		"	10.0		93.0	73-124		5.98	30	
1,1-Dichloroethane	12.1		"	10.0		121	79-123		20.1	30	
1,1-Dichloroethylene	9.30		"	10.0		93.0	71-123		0.107	30	
1,1-Dichloropropylene	9.26		"	10.0		92.6	73-117		0.323	30	
1,2,3-Trichlorobenzene	9.53		"	10.0		95.3	78-117		0.210	30	
1,2,3-Trichloropropane	8.70		"	10.0		87.0	68-119		3.06	30	
1,2,4-Trichlorobenzene	9.84		"	10.0		98.4	78-117		4.96	30	
1,2,4-Trimethylbenzene	9.63		"	10.0		96.3	68-134		5.06	30	
1,2-Dibromo-3-chloropropane	9.29		"	10.0		92.9	73-129		11.6	30	
1,2-Dibromoethane	9.14		"	10.0		91.4	73-139		2.59	30	
1,2-Dichlorobenzene	9.31		"	10.0		93.1	83-110		5.03	30	
1,2-Dichloroethane	9.43		"	10.0		94.3	81-120		0.745	30	
1,2-Dichloropropane	9.61		"	10.0		96.1	76-120		0.104	30	
1,3,5-Trimethylbenzene	9.59		"	10.0		95.9	74-121		8.49	30	
1,3-Dichlorobenzene	9.43		"	10.0		94.3	82-112		6.37	30	
1,3-Dichloropropane	9.61		"	10.0		96.1	77-122		3.06	30	
1,4-Dichlorobenzene	9.35		"	10.0		93.5	83-110		5.41	30	
2,2-Dichloropropane	11.4		"	10.0		114	50-163		2.76	30	
2-Chlorotoluene	9.42		"	10.0		94.2	74-115		7.07	30	
2-Hexanone	8.36		"	10.0		83.6	65-130		1.08	30	
4-Chlorotoluene	9.10		"	10.0		91.0	77-119		7.10	30	
Acetone	4.32		"	10.0		43.2	54-129	Low Bias	10.7	30	
Benzene	9.65		"	10.0		96.5	77-122		0.826	30	
Bromobenzene	9.50		"	10.0		95.0	76-114		5.18	30	
Bromochloromethane	9.32		"	10.0		93.2	73-125		3.89	30	
Bromodichloromethane	9.64		"	10.0		96.4	83-120		2.05	30	
Bromoform	9.31		"	10.0		93.1	72-139		4.10	30	
Bromomethane	9.08		"	10.0		90.8	52-128		5.46	30	
Carbon tetrachloride	10.2		"	10.0		102	66-152		2.28	30	
Chlorobenzene	9.39		"	10.0		93.9	85-113		3.56	30	
Chloroethane	9.19		"	10.0		91.9	60-124		6.75	30	



Volatile Organic Compounds by GC/MS - 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 BI30765 - EPA 5030B

LCS Dup (BI30765-BSD1)

Prepared & Analyzed: 09/18/2013

Chloroform	9.68		ug/L	10.0		96.8	82-119		2.83	30	
Chloromethane	6.85		"	10.0		68.5	42-126		4.56	30	
cis-1,2-Dichloroethylene	9.68		"	10.0		96.8	79-116		0.207	30	
cis-1,3-Dichloropropylene	9.89		"	10.0		98.9	85-134		6.27	30	
Dibromochloromethane	9.88		"	10.0		98.8	74-151		0.202	30	
Dibromomethane	9.31		"	10.0		93.1	74-128		2.61	30	
Dichlorodifluoromethane	6.31		"	10.0		63.1	10-146		2.41	30	
Ethyl Benzene	9.75		"	10.0		97.5	85-125		2.73	30	
Hexachlorobutadiene	9.94		"	10.0		99.4	69-131		6.52	30	
Isopropylbenzene	9.17		"	10.0		91.7	71-128		12.1	30	
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	51-134		21.1	30	
Methylene chloride	7.44		"	10.0		74.4	76-122	Low Bias	0.135	30	
Naphthalene	9.44		"	10.0		94.4	72-127		0.425	30	
n-Butylbenzene	9.71		"	10.0		97.1	69-127		6.86	30	
n-Propylbenzene	9.68		"	10.0		96.8	70-129		5.04	30	
o-Xylene	9.28		"	10.0		92.8	83-117		6.06	30	
p- & m- Xylenes	19.3		"	20.0		96.4	80-126		3.82	30	
p-Isopropyltoluene	9.95		"	10.0		99.5	74-130		6.70	30	
sec-Butylbenzene	10.0		"	10.0		100	72-132		6.00	30	
Styrene	11.0		"	10.0		110	62-160		1.36	30	
tert-Butylbenzene	9.64		"	10.0		96.4	75-129		5.55	30	
Tetrachloroethylene	9.43		"	10.0		94.3	67-118		4.46	30	
Toluene	8.59		"	10.0		85.9	82-118		3.21	30	
trans-1,2-Dichloroethylene	11.8		"	10.0		118	76-119		22.8	30	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	80-137		1.66	30	
Trichloroethylene	9.79		"	10.0		97.9	71-122		1.32	30	
Trichlorofluoromethane	9.51		"	10.0		95.1	67-130		0.105	30	
Vinyl Chloride	8.07		"	10.0		80.7	49-125		0.494	30	
Surrogate: 1,2-Dichloroethane-d4	9.91		"	10.0		99.1	79-133				
Surrogate: p-Bromofluorobenzene	9.62		"	10.0		96.2	65-133				
Surrogate: Toluene-d8	10.0		"	10.0		100	80-123				



Volatile Organic Compounds by GC/MS - 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 BI30806 - EPA 5030B

Blank (BI30806-BLK1)

Prepared & Analyzed: 09/18/2013

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	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
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	ND	2.0	"
Naphthalene	ND	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"



Volatile Organic Compounds by GC/MS - 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 BI30806 - EPA 5030B

Blank (BI30806-BLK1)

Prepared & Analyzed: 09/18/2013

p- & m- Xylenes	ND	1.0	ug/L
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	0.23	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

10.9

"

10.0

109

79-133

Surrogate: p-Bromofluorobenzene

12.0

"

10.0

120

65-133

Surrogate: Toluene-d8

10.0

"

10.0

100

80-123

LCS (BI30806-BS1)

Prepared & Analyzed: 09/18/2013

1,1,1,2-Tetrachloroethane	9.78		ug/L	10.0		97.8	84-127
1,1,1-Trichloroethane	10.0		"	10.0		100	80-131
1,1,2,2-Tetrachloroethane	11.3		"	10.0		113	76-120
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	70-133
1,1,2-Trichloroethane	10.1		"	10.0		101	73-124
1,1-Dichloroethane	9.89		"	10.0		98.9	79-123
1,1-Dichloroethylene	9.56		"	10.0		95.6	71-123
1,1-Dichloropropylene	9.47		"	10.0		94.7	73-117
1,2,3-Trichlorobenzene	10.4		"	10.0		104	78-117
1,2,3-Trichloropropane	10.7		"	10.0		107	68-119
1,2,4-Trichlorobenzene	10.2		"	10.0		102	78-117
1,2,4-Trimethylbenzene	8.21		"	10.0		82.1	68-134
1,2-Dibromo-3-chloropropane	11.0		"	10.0		110	73-129
1,2-Dibromoethane	10.4		"	10.0		104	73-139
1,2-Dichlorobenzene	10.3		"	10.0		103	83-110
1,2-Dichloroethane	10.2		"	10.0		102	81-120
1,2-Dichloropropane	9.96		"	10.0		99.6	76-120
1,3,5-Trimethylbenzene	9.15		"	10.0		91.5	74-121
1,3-Dichlorobenzene	9.83		"	10.0		98.3	82-112
1,3-Dichloropropane	10.1		"	10.0		101	77-122
1,4-Dichlorobenzene	9.93		"	10.0		99.3	83-110
2,2-Dichloropropane	8.96		"	10.0		89.6	50-163
2-Chlorotoluene	9.99		"	10.0		99.9	74-115
2-Hexanone	10.7		"	10.0		107	65-130
4-Chlorotoluene	10.2		"	10.0		102	77-119
Acetone	11.7		"	10.0		117	54-129
Benzene	10.2		"	10.0		102	77-122
Bromobenzene	10.3		"	10.0		103	76-114
Bromochloromethane	9.91		"	10.0		99.1	73-125
Bromodichloromethane	10.2		"	10.0		102	83-120
Bromoform	11.0		"	10.0		110	72-139
Bromomethane	7.12		"	10.0		71.2	52-128
Carbon tetrachloride	10.4		"	10.0		104	66-152
Chlorobenzene	10.2		"	10.0		102	85-113



Volatile Organic Compounds by GC/MS - 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 BI30806 - EPA 5030B

LCS (BI30806-BS1)

Prepared & Analyzed: 09/18/2013

Chloroethane	9.50		ug/L	10.0		95.0	60-124				
Chloroform	9.94		"	10.0		99.4	82-119				
Chloromethane	6.90		"	10.0		69.0	42-126				
cis-1,2-Dichloroethylene	9.76		"	10.0		97.6	79-116				
cis-1,3-Dichloropropylene	9.96		"	10.0		99.6	85-134				
Dibromochloromethane	10.5		"	10.0		105	74-151				
Dibromomethane	10.5		"	10.0		105	74-128				
Dichlorodifluoromethane	6.81		"	10.0		68.1	10-146				
Ethyl Benzene	10.5		"	10.0		105	85-125				
Hexachlorobutadiene	10.0		"	10.0		100	69-131				
Isopropylbenzene	10.3		"	10.0		103	71-128				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	51-134				
Methylene chloride	9.39		"	10.0		93.9	76-122				
Naphthalene	10.9		"	10.0		109	72-127				
n-Butylbenzene	10.4		"	10.0		104	69-127				
n-Propylbenzene	10.4		"	10.0		104	70-129				
o-Xylene	9.90		"	10.0		99.0	83-117				
p- & m- Xylenes	20.0		"	20.0		100	80-126				
p-Isopropyltoluene	10.1		"	10.0		101	74-130				
sec-Butylbenzene	10.6		"	10.0		106	72-132				
Styrene	8.20		"	10.0		82.0	62-160				
tert-Butylbenzene	10.4		"	10.0		104	75-129				
Tetrachloroethylene	9.63		"	10.0		96.3	67-118				
Toluene	10.4		"	10.0		104	82-118				
trans-1,2-Dichloroethylene	9.80		"	10.0		98.0	76-119				
trans-1,3-Dichloropropylene	9.84		"	10.0		98.4	80-137				
Trichloroethylene	9.77		"	10.0		97.7	71-122				
Trichlorofluoromethane	9.42		"	10.0		94.2	67-130				
Vinyl Chloride	8.85		"	10.0		88.5	49-125				
Surrogate: 1,2-Dichloroethane-d4	10.2		"	10.0		102	79-133				
Surrogate: p-Bromofluorobenzene	10.0		"	10.0		100	65-133				
Surrogate: Toluene-d8	9.79		"	10.0		97.9	80-123				



Volatile Organic Compounds by GC/MS - 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 BI30806 - EPA 5030B											
LCS Dup (BI30806-BSD1)						Prepared & Analyzed: 09/18/2013					
1,1,1,2-Tetrachloroethane	9.62		ug/L	10.0		96.2	84-127		1.65	30	
1,1,1-Trichloroethane	9.58		"	10.0		95.8	80-131		4.29	30	
1,1,2,2-Tetrachloroethane	9.76		"	10.0		97.6	76-120		14.6	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.83		"	10.0		98.3	70-133		6.50	30	
1,1,2-Trichloroethane	9.45		"	10.0		94.5	73-124		6.85	30	
1,1-Dichloroethane	9.49		"	10.0		94.9	79-123		4.13	30	
1,1-Dichloroethylene	8.97		"	10.0		89.7	71-123		6.37	30	
1,1-Dichloropropylene	8.99		"	10.0		89.9	73-117		5.20	30	
1,2,3-Trichlorobenzene	9.87		"	10.0		98.7	78-117		5.71	30	
1,2,3-Trichloropropane	9.48		"	10.0		94.8	68-119		12.3	30	
1,2,4-Trichlorobenzene	9.72		"	10.0		97.2	78-117		4.92	30	
1,2,4-Trimethylbenzene	6.98		"	10.0		69.8	68-134		16.2	30	
1,2-Dibromo-3-chloropropane	9.17		"	10.0		91.7	73-129		18.4	30	
1,2-Dibromoethane	9.50		"	10.0		95.0	73-139		8.76	30	
1,2-Dichlorobenzene	9.87		"	10.0		98.7	83-110		4.17	30	
1,2-Dichloroethane	9.56		"	10.0		95.6	81-120		6.87	30	
1,2-Dichloropropane	9.72		"	10.0		97.2	76-120		2.44	30	
1,3,5-Trimethylbenzene	8.41		"	10.0		84.1	74-121		8.43	30	
1,3-Dichlorobenzene	9.48		"	10.0		94.8	82-112		3.63	30	
1,3-Dichloropropane	9.48		"	10.0		94.8	77-122		5.94	30	
1,4-Dichlorobenzene	9.60		"	10.0		96.0	83-110		3.38	30	
2,2-Dichloropropane	8.53		"	10.0		85.3	50-163		4.92	30	
2-Chlorotoluene	9.55		"	10.0		95.5	74-115		4.50	30	
2-Hexanone	8.78		"	10.0		87.8	65-130		19.6	30	
4-Chlorotoluene	9.75		"	10.0		97.5	77-119		4.22	30	
Acetone	9.37		"	10.0		93.7	54-129		22.2	30	
Benzene	9.83		"	10.0		98.3	77-122		3.60	30	
Bromobenzene	9.75		"	10.0		97.5	76-114		5.58	30	
Bromochloromethane	9.47		"	10.0		94.7	73-125		4.54	30	
Bromodichloromethane	10.1		"	10.0		101	83-120		1.38	30	
Bromoform	9.83		"	10.0		98.3	72-139		11.2	30	
Bromomethane	7.07		"	10.0		70.7	52-128		0.705	30	
Carbon tetrachloride	9.90		"	10.0		99.0	66-152		4.93	30	
Chlorobenzene	9.98		"	10.0		99.8	85-113		2.67	30	
Chloroethane	9.18		"	10.0		91.8	60-124		3.43	30	
Chloroform	9.52		"	10.0		95.2	82-119		4.32	30	
Chloromethane	6.61		"	10.0		66.1	42-126		4.29	30	
cis-1,2-Dichloroethylene	9.45		"	10.0		94.5	79-116		3.23	30	
cis-1,3-Dichloropropylene	9.55		"	10.0		95.5	85-134		4.20	30	
Dibromochloromethane	9.94		"	10.0		99.4	74-151		5.67	30	
Dibromomethane	9.75		"	10.0		97.5	74-128		7.22	30	
Dichlorodifluoromethane	6.55		"	10.0		65.5	10-146		3.89	30	
Ethyl Benzene	10.4		"	10.0		104	85-125		1.05	30	
Hexachlorobutadiene	9.56		"	10.0		95.6	69-131		4.50	30	
Isopropylbenzene	9.96		"	10.0		99.6	71-128		3.36	30	
Methyl tert-butyl ether (MTBE)	9.34		"	10.0		93.4	51-134		10.7	30	
Methylene chloride	8.26		"	10.0		82.6	76-122		12.8	30	
Naphthalene	8.73		"	10.0		87.3	72-127		22.4	30	
n-Butylbenzene	9.97		"	10.0		99.7	69-127		4.32	30	
n-Propylbenzene	9.98		"	10.0		99.8	70-129		3.64	30	
o-Xylene	9.54		"	10.0		95.4	83-117		3.70	30	



Volatile Organic Compounds by GC/MS - 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 BI30806 - EPA 5030B

LCS Dup (BI30806-BSD1)

Prepared & Analyzed: 09/18/2013

p- & m- Xylenes	19.3		ug/L	20.0		96.5	80-126		3.66	30	
p-Isopropyltoluene	9.77		"	10.0		97.7	74-130		3.52	30	
sec-Butylbenzene	10.3		"	10.0		103	72-132		2.87	30	
Styrene	6.33		"	10.0		63.3	62-160		25.7	30	
tert-Butylbenzene	10.1		"	10.0		101	75-129		2.93	30	
Tetrachloroethylene	9.32		"	10.0		93.2	67-118		3.27	30	
Toluene	10.3		"	10.0		103	82-118		1.35	30	
trans-1,2-Dichloroethylene	9.40		"	10.0		94.0	76-119		4.17	30	
trans-1,3-Dichloropropylene	9.21		"	10.0		92.1	80-137		6.61	30	
Trichloroethylene	9.62		"	10.0		96.2	71-122		1.55	30	
Trichlorofluoromethane	8.98		"	10.0		89.8	67-130		4.78	30	
Vinyl Chloride	8.41		"	10.0		84.1	49-125		5.10	30	
Surrogate: 1,2-Dichloroethane-d4	9.67		"	10.0		96.7	79-133				
Surrogate: p-Bromofluorobenzene	9.84		"	10.0		98.4	65-133				
Surrogate: Toluene-d8	10.0		"	10.0		100	80-123				

Matrix Spike (BI30806-MS1)

*Source sample: 1310545-25 (MW-53)

Prepared: 09/18/2013 Analyzed: 09/19/2013

1,1,1,2-Tetrachloroethane	9.75		ug/L	10.0	ND	97.5	82-126				
1,1,1-Trichloroethane	14.1		"	10.0	1.55	126	60-145				
1,1,2,2-Tetrachloroethane	10.7		"	10.0	ND	107	77-124				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.6		"	10.0	ND	126	50-147				
1,1,2-Trichloroethane	10.1		"	10.0	ND	101	75-126				
1,1-Dichloroethane	12.9		"	10.0	1.07	118	76-132				
1,1-Dichloroethylene	11.9		"	10.0	ND	119	68-128				
1,1-Dichloropropylene	11.2		"	10.0	ND	112	80-116				
1,2,3-Trichlorobenzene	11.1		"	10.0	ND	111	59-137				
1,2,3-Trichloropropane	9.72		"	10.0	ND	97.2	64-144				
1,2,4-Trichlorobenzene	10.4		"	10.0	ND	104	62-132				
1,2,4-Trimethylbenzene	10.3		"	10.0	ND	103	68-138				
1,2-Dibromo-3-chloropropane	10.7		"	10.0	ND	107	46-190				
1,2-Dibromoethane	10.2		"	10.0	ND	102	77-129				
1,2-Dichlorobenzene	10.4		"	10.0	ND	104	81-111				
1,2-Dichloroethane	12.2		"	10.0	ND	122	76-129				
1,2-Dichloropropane	9.66		"	10.0	ND	96.6	78-123				
1,3,5-Trimethylbenzene	10.2		"	10.0	ND	102	74-128				
1,3-Dichlorobenzene	9.92		"	10.0	ND	99.2	76-115				
1,3-Dichloropropane	9.83		"	10.0	ND	98.3	78-124				
1,4-Dichlorobenzene	10.0		"	10.0	ND	100	76-114				
2,2-Dichloropropane	8.90		"	10.0	ND	89.0	35-139				
2-Chlorotoluene	10.1		"	10.0	ND	101	74-119				
2-Hexanone	9.67		"	10.0	ND	96.7	54-145				
4-Chlorotoluene	10.6		"	10.0	ND	106	78-123				
Acetone	12.2		"	10.0	ND	122	19-137				
Benzene	11.9		"	10.0	ND	119	83-121				
Bromobenzene	10.1		"	10.0	ND	101	74-121				
Bromochloromethane	11.9		"	10.0	ND	119	71-134				
Bromodichloromethane	9.91		"	10.0	ND	99.1	83-127				
Bromoform	9.88		"	10.0	ND	98.8	68-138				
Bromomethane	5.49		"	10.0	ND	54.9	14-125				
Carbon tetrachloride	13.3		"	10.0	ND	133	77-139				
Chlorobenzene	10.5		"	10.0	ND	105	88-111				
Chloroethane	11.1		"	10.0	ND	111	63-130				



Volatile Organic Compounds by GC/MS - 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 BI30806 - EPA 5030B

Matrix Spike (BI30806-MS1)	*Source sample: 1310545-25 (MW-53)						Prepared: 09/18/2013 Analyzed: 09/19/2013				
Chloroform	11.7		ug/L	10.0	ND	117	62-138				
Chloromethane	7.52		"	10.0	ND	75.2	46-121				
cis-1,2-Dichloroethylene	11.4		"	10.0	ND	114	58-137				
cis-1,3-Dichloropropylene	9.45		"	10.0	ND	94.5	72-131				
Dibromochloromethane	10.2		"	10.0	ND	102	81-133				
Dibromomethane	10.1		"	10.0	ND	101	76-136				
Dichlorodifluoromethane	7.32		"	10.0	ND	73.2	10-150				
Ethyl Benzene	11.3		"	10.0	ND	113	87-122				
Hexachlorobutadiene	10.6		"	10.0	ND	106	68-134				
Isopropylbenzene	10.5		"	10.0	ND	105	75-126				
Methyl tert-butyl ether (MTBE)	11.4		"	10.0	ND	114	67-130				
Methylene chloride	11.2		"	10.0	0.310	109	20-158				
Naphthalene	11.5		"	10.0	ND	115	51-151				
n-Butylbenzene	11.1		"	10.0	ND	111	72-124				
n-Propylbenzene	11.0		"	10.0	ND	110	76-123				
o-Xylene	11.0		"	10.0	ND	110	82-121				
p- & m- Xylenes	22.5		"	20.0	ND	113	83-128				
p-Isopropyltoluene	11.0		"	10.0	ND	110	74-129				
sec-Butylbenzene	11.1		"	10.0	ND	111	80-125				
Styrene	12.0		"	10.0	ND	120	51-181				
tert-Butylbenzene	10.9		"	10.0	ND	109	78-126				
Tetrachloroethylene	10.1		"	10.0	0.320	97.9	73-118				
Toluene	11.3		"	10.0	0.440	108	81-118				
trans-1,2-Dichloroethylene	11.8		"	10.0	ND	118	66-128				
trans-1,3-Dichloropropylene	9.32		"	10.0	ND	93.2	70-129				
Trichloroethylene	9.84		"	10.0	ND	98.4	84-120				
Trichlorofluoromethane	11.8		"	10.0	ND	118	68-129				
Vinyl Chloride	10.1		"	10.0	ND	101	49-123				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.7</i>		<i>"</i>	<i>10.0</i>		<i>117</i>	<i>79-133</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.80</i>		<i>"</i>	<i>10.0</i>		<i>98.0</i>	<i>65-133</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>80-123</i>				



Volatile Organic Compounds by GC/MS - 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 BI30806 - EPA 5030B											
Matrix Spike (BI30806-MS2)	*Source sample: 1310545-31 (MW-98-01A)						Prepared: 09/18/2013 Analyzed: 09/19/2013				
1,1,1,2-Tetrachloroethane	9.88		ug/L	10.0	ND	98.8	82-126				
1,1,1-Trichloroethane	11.9		"	10.0	1.10	108	60-145				
1,1,2,2-Tetrachloroethane	12.0		"	10.0	ND	120	77-124				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0	ND	113	50-147				
1,1,2-Trichloroethane	10.9		"	10.0	ND	109	75-126				
1,1-Dichloroethane	10.8		"	10.0	ND	108	76-132				
1,1-Dichloroethylene	10.4		"	10.0	ND	104	68-128				
1,1-Dichloropropylene	10.1		"	10.0	ND	101	80-116				
1,2,3-Trichlorobenzene	11.0		"	10.0	ND	110	59-137				
1,2,3-Trichloropropane	11.3		"	10.0	ND	113	64-144				
1,2,4-Trichlorobenzene	10.2		"	10.0	ND	102	62-132				
1,2,4-Trimethylbenzene	9.69		"	10.0	ND	96.9	68-138				
1,2-Dibromo-3-chloropropane	12.1		"	10.0	ND	121	46-190				
1,2-Dibromoethane	11.2		"	10.0	ND	112	77-129				
1,2-Dichlorobenzene	10.2		"	10.0	ND	102	81-111				
1,2-Dichloroethane	11.6		"	10.0	ND	116	76-129				
1,2-Dichloropropane	10.0		"	10.0	ND	100	78-123				
1,3,5-Trimethylbenzene	9.61		"	10.0	ND	96.1	74-128				
1,3-Dichlorobenzene	9.50		"	10.0	ND	95.0	76-115				
1,3-Dichloropropane	12.8		"	10.0	ND	128	78-124	High Bias			
1,4-Dichlorobenzene	9.70		"	10.0	ND	97.0	76-114				
2,2-Dichloropropane	7.82		"	10.0	ND	78.2	35-139				
2-Chlorotoluene	9.54		"	10.0	ND	95.4	74-119				
2-Hexanone	12.2		"	10.0	ND	122	54-145				
4-Chlorotoluene	9.90		"	10.0	ND	99.0	78-123				
Acetone	14.1		"	10.0	1.26	129	19-137				
Benzene	10.8		"	10.0	ND	108	83-121				
Bromobenzene	10.1		"	10.0	ND	101	74-121				
Bromochloromethane	11.2		"	10.0	ND	112	71-134				
Bromodichloromethane	10.2		"	10.0	ND	102	83-127				
Bromoform	11.3		"	10.0	ND	113	68-138				
Bromomethane	7.32		"	10.0	ND	73.2	14-125				
Carbon tetrachloride	11.5		"	10.0	ND	115	77-139				
Chlorobenzene	10.2		"	10.0	ND	102	88-111				
Chloroethane	10.0		"	10.0	ND	100	63-130				
Chloroform	10.6		"	10.0	ND	106	62-138				
Chloromethane	6.62		"	10.0	ND	66.2	46-121				
cis-1,2-Dichloroethylene	11.2		"	10.0	0.790	104	58-137				
cis-1,3-Dichloropropylene	10.0		"	10.0	ND	100	72-131				
Dibromochloromethane	10.8		"	10.0	ND	108	81-133				
Dibromomethane	11.0		"	10.0	ND	110	76-136				
Dichlorodifluoromethane	7.07		"	10.0	ND	70.7	10-150				
Ethyl Benzene	10.8		"	10.0	ND	108	87-122				
Hexachlorobutadiene	9.90		"	10.0	ND	99.0	68-134				
Isopropylbenzene	9.92		"	10.0	ND	99.2	75-126				
Methyl tert-butyl ether (MTBE)	11.5		"	10.0	ND	115	67-130				
Methylene chloride	10.2		"	10.0	0.710	95.3	20-158				
Naphthalene	12.7		"	10.0	ND	127	51-151				
n-Butylbenzene	10.1		"	10.0	ND	101	72-124				
n-Propylbenzene	10.0		"	10.0	ND	100	76-123				
o-Xylene	10.4		"	10.0	ND	104	82-121				



Volatile Organic Compounds by GC/MS - 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 BI30806 - EPA 5030B

Matrix Spike (BI30806-MS2)		*Source sample: 1310545-31 (MW-98-01A)					Prepared: 09/18/2013 Analyzed: 09/19/2013				
p- & m- Xylenes	21.3		ug/L	20.0	ND	106	83-128				
p-Isopropyltoluene	10.1		"	10.0	ND	101	74-129				
sec-Butylbenzene	10.4		"	10.0	ND	104	80-125				
Styrene	11.6		"	10.0	ND	116	51-181				
tert-Butylbenzene	10.4		"	10.0	ND	104	78-126				
Tetrachloroethylene	46.7		"	10.0	34.5	122	73-118	High Bias			
Toluene	10.5		"	10.0	ND	105	81-118				
trans-1,2-Dichloroethylene	10.7		"	10.0	ND	107	66-128				
trans-1,3-Dichloropropylene	10.0		"	10.0	ND	100	70-129				
Trichloroethylene	10.1		"	10.0	0.270	98.5	84-120				
Trichlorofluoromethane	10.1		"	10.0	ND	101	68-129				
Vinyl Chloride	9.26		"	10.0	ND	92.6	49-123				
Surrogate: 1,2-Dichloroethane-d4	11.4		"	10.0		114	79-133				
Surrogate: p-Bromofluorobenzene	9.61		"	10.0		96.1	65-133				
Surrogate: Toluene-d8	9.82		"	10.0		98.2	80-123				

Matrix Spike Dup (BI30806-MSD1)		*Source sample: 1310545-25 (MW-53)					Prepared: 09/18/2013 Analyzed: 09/19/2013				
1,1,1,2-Tetrachloroethane	9.52		ug/L	10.0	ND	95.2	82-126		2.39	30	
1,1,1-Trichloroethane	12.9		"	10.0	1.55	114	60-145		9.03	30	
1,1,2,2-Tetrachloroethane	10.3		"	10.0	ND	103	77-124		3.82	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0	ND	117	50-147		7.74	30	
1,1,2-Trichloroethane	9.76		"	10.0	ND	97.6	75-126		3.42	30	
1,1-Dichloroethane	11.8		"	10.0	1.07	107	76-132		8.83	30	
1,1-Dichloroethylene	11.0		"	10.0	ND	110	68-128		7.96	30	
1,1-Dichloropropylene	10.4		"	10.0	ND	104	80-116		8.05	30	
1,2,3-Trichlorobenzene	10.6		"	10.0	ND	106	59-137		4.72	30	
1,2,3-Trichloropropane	9.44		"	10.0	ND	94.4	64-144		2.92	30	
1,2,4-Trichlorobenzene	10.1		"	10.0	ND	101	62-132		2.83	30	
1,2,4-Trimethylbenzene	10.1		"	10.0	ND	101	68-138		2.55	30	
1,2-Dibromo-3-chloropropane	9.88		"	10.0	ND	98.8	46-190		8.06	30	
1,2-Dibromoethane	9.79		"	10.0	ND	97.9	77-129		4.30	30	
1,2-Dichlorobenzene	10.1		"	10.0	ND	101	81-111		2.34	30	
1,2-Dichloroethane	11.1		"	10.0	ND	111	76-129		9.63	30	
1,2-Dichloropropane	9.59		"	10.0	ND	95.9	78-123		0.727	30	
1,3,5-Trimethylbenzene	10.0		"	10.0	ND	100	74-128		2.37	30	
1,3-Dichlorobenzene	9.68		"	10.0	ND	96.8	76-115		2.45	30	
1,3-Dichloropropane	9.58		"	10.0	ND	95.8	78-124		2.58	30	
1,4-Dichlorobenzene	9.57		"	10.0	ND	95.7	76-114		4.89	30	
2,2-Dichloropropane	8.37		"	10.0	ND	83.7	35-139		6.14	30	
2-Chlorotoluene	10.0		"	10.0	ND	100	74-119		0.991	30	
2-Hexanone	9.20		"	10.0	ND	92.0	54-145		4.98	30	
4-Chlorotoluene	10.2		"	10.0	ND	102	78-123		3.76	30	
Acetone	9.60		"	10.0	ND	96.0	19-137		24.2	30	
Benzene	10.9		"	10.0	ND	109	83-121		8.62	30	
Bromobenzene	9.64		"	10.0	ND	96.4	74-121		4.86	30	
Bromochloromethane	10.6		"	10.0	ND	106	71-134		11.0	30	
Bromodichloromethane	9.75		"	10.0	ND	97.5	83-127		1.63	30	
Bromoform	9.97		"	10.0	ND	99.7	68-138		0.907	30	
Bromomethane	6.75		"	10.0	ND	67.5	14-125		20.6	30	
Carbon tetrachloride	11.8		"	10.0	ND	118	77-139		11.3	30	
Chlorobenzene	10.3		"	10.0	ND	103	88-111		2.02	30	
Chloroethane	10.6		"	10.0	ND	106	63-130		4.69	30	



Volatile Organic Compounds by GC/MS - 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 BI30806 - EPA 5030B

Matrix Spike Dup (BI30806-MSD1)		*Source sample: 1310545-25 (MW-53)					Prepared: 09/18/2013 Analyzed: 09/19/2013				
Chloroform	10.9		ug/L	10.0	ND	109	62-138		7.35	30	
Chloromethane	7.00		"	10.0	ND	70.0	46-121		7.16	30	
cis-1,2-Dichloroethylene	10.6		"	10.0	ND	106	58-137		7.47	30	
cis-1,3-Dichloropropylene	9.29		"	10.0	ND	92.9	72-131		1.71	30	
Dibromochloromethane	9.87		"	10.0	ND	98.7	81-133		2.80	30	
Dibromomethane	9.91		"	10.0	ND	99.1	76-136		1.50	30	
Dichlorodifluoromethane	7.24		"	10.0	ND	72.4	10-150		1.10	30	
Ethyl Benzene	10.9		"	10.0	ND	109	87-122		4.05	30	
Hexachlorobutadiene	10.1		"	10.0	ND	101	68-134		4.93	30	
Isopropylbenzene	10.3		"	10.0	ND	103	75-126		2.12	30	
Methyl tert-butyl ether (MTBE)	10.7		"	10.0	ND	107	67-130		6.97	30	
Methylene chloride	10.1		"	10.0	0.310	97.8	20-158		10.3	30	
Naphthalene	10.9		"	10.0	ND	109	51-151		5.08	30	
n-Butylbenzene	10.6		"	10.0	ND	106	72-124		4.62	30	
n-Propylbenzene	10.6		"	10.0	ND	106	76-123		3.53	30	
o-Xylene	10.5		"	10.0	ND	105	82-121		5.20	30	
p- & m- Xylenes	21.4		"	20.0	ND	107	83-128		4.96	30	
p-Isopropyltoluene	10.4		"	10.0	ND	104	74-129		4.86	30	
sec-Butylbenzene	10.8		"	10.0	ND	108	80-125		2.73	30	
Styrene	11.4		"	10.0	ND	114	51-181		4.97	30	
tert-Butylbenzene	10.6		"	10.0	ND	106	78-126		2.97	30	
Tetrachloroethylene	9.95		"	10.0	0.320	96.3	73-118		1.60	30	
Toluene	10.9		"	10.0	0.440	105	81-118		3.06	30	
trans-1,2-Dichloroethylene	10.9		"	10.0	ND	109	66-128		7.92	30	
trans-1,3-Dichloropropylene	9.14		"	10.0	ND	91.4	70-129		1.95	30	
Trichloroethylene	9.81		"	10.0	ND	98.1	84-120		0.305	30	
Trichlorofluoromethane	10.8		"	10.0	ND	108	68-129		8.73	30	
Vinyl Chloride	9.51		"	10.0	ND	95.1	49-123		5.92	30	
Surrogate: 1,2-Dichloroethane-d4	10.8		"	10.0		108	79-133				
Surrogate: p-Bromofluorobenzene	9.70		"	10.0		97.0	65-133				
Surrogate: Toluene-d8	9.97		"	10.0		99.7	80-123				



Volatile Organic Compounds by GC/MS - 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 BI30806 - EPA 5030B											
Matrix Spike Dup (BI30806-MSD2)	*Source sample: 1310545-31 (MW-98-01A)						Prepared: 09/18/2013 Analyzed: 09/19/2013				
1,1,1,2-Tetrachloroethane	9.62		ug/L	10.0	ND	96.2	82-126		2.67	30	
1,1,1-Trichloroethane	11.9		"	10.0	1.10	108	60-145		0.420	30	
1,1,2,2-Tetrachloroethane	10.9		"	10.0	ND	109	77-124		9.42	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0	ND	113	50-147		0.00	30	
1,1,2-Trichloroethane	9.94		"	10.0	ND	99.4	75-126		9.58	30	
1,1-Dichloroethane	10.8		"	10.0	ND	108	76-132		0.279	30	
1,1-Dichloroethylene	10.7		"	10.0	ND	107	68-128		2.84	30	
1,1-Dichloropropylene	10.2		"	10.0	ND	102	80-116		1.48	30	
1,2,3-Trichlorobenzene	9.79		"	10.0	ND	97.9	59-137		11.2	30	
1,2,3-Trichloropropane	9.94		"	10.0	ND	99.4	64-144		12.5	30	
1,2,4-Trichlorobenzene	9.18		"	10.0	ND	91.8	62-132		10.2	30	
1,2,4-Trimethylbenzene	10.0		"	10.0	ND	100	68-138		3.45	30	
1,2-Dibromo-3-chloropropane	10.2		"	10.0	ND	102	46-190		17.5	30	
1,2-Dibromoethane	10.2		"	10.0	ND	102	77-129		9.73	30	
1,2-Dichlorobenzene	10.0		"	10.0	ND	100	81-111		1.29	30	
1,2-Dichloroethane	10.8		"	10.0	ND	108	76-129		6.78	30	
1,2-Dichloropropane	10.0		"	10.0	ND	100	78-123		0.299	30	
1,3,5-Trimethylbenzene	10.2		"	10.0	ND	102	74-128		5.47	30	
1,3-Dichlorobenzene	9.67		"	10.0	ND	96.7	76-115		1.77	30	
1,3-Dichloropropane	12.3		"	10.0	ND	123	78-124		3.74	30	
1,4-Dichlorobenzene	9.59		"	10.0	ND	95.9	76-114		1.14	30	
2,2-Dichloropropane	7.65		"	10.0	ND	76.5	35-139		2.20	30	
2-Chlorotoluene	10.1		"	10.0	ND	101	74-119		6.10	30	
2-Hexanone	9.46		"	10.0	ND	94.6	54-145		25.0	30	
4-Chlorotoluene	10.5		"	10.0	ND	105	78-123		5.60	30	
Acetone	10.6		"	10.0	1.26	93.4	19-137		28.5	30	
Benzene	10.7		"	10.0	ND	107	83-121		1.21	30	
Bromobenzene	10.3		"	10.0	ND	103	74-121		1.47	30	
Bromochloromethane	11.7		"	10.0	ND	117	71-134		4.98	30	
Bromodichloromethane	10.2		"	10.0	ND	102	83-127		0.0983	30	
Bromoform	10.7		"	10.0	ND	107	68-138		5.90	30	
Bromomethane	8.84		"	10.0	ND	88.4	14-125		18.8	30	
Carbon tetrachloride	11.2		"	10.0	ND	112	77-139		2.47	30	
Chlorobenzene	10.2		"	10.0	ND	102	88-111		0.393	30	
Chloroethane	10.7		"	10.0	ND	107	63-130		6.58	30	
Chloroform	10.6		"	10.0	ND	106	62-138		0.377	30	
Chloromethane	6.29		"	10.0	ND	62.9	46-121		5.11	30	
cis-1,2-Dichloroethylene	11.1		"	10.0	0.790	103	58-137		0.808	30	
cis-1,3-Dichloropropylene	9.69		"	10.0	ND	96.9	72-131		3.45	30	
Dibromochloromethane	10.2		"	10.0	ND	102	81-133		5.14	30	
Dibromomethane	10.3		"	10.0	ND	103	76-136		7.04	30	
Dichlorodifluoromethane	6.65		"	10.0	ND	66.5	10-150		6.12	30	
Ethyl Benzene	10.8		"	10.0	ND	108	87-122		0.741	30	
Hexachlorobutadiene	8.96		"	10.0	ND	89.6	68-134		9.97	30	
Isopropylbenzene	10.5		"	10.0	ND	105	75-126		5.68	30	
Methyl tert-butyl ether (MTBE)	10.6		"	10.0	ND	106	67-130		8.26	30	
Methylene chloride	9.71		"	10.0	0.710	90.0	20-158		5.31	30	
Naphthalene	10.7		"	10.0	ND	107	51-151		17.2	30	
n-Butylbenzene	10.4		"	10.0	ND	104	72-124		3.12	30	
n-Propylbenzene	10.6		"	10.0	ND	106	76-123		5.52	30	
o-Xylene	10.4		"	10.0	ND	104	82-121		0.768	30	



Volatile Organic Compounds by GC/MS - 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 BI30806 - EPA 5030B

Matrix Spike Dup (BI30806-MSD2)	*Source sample: 1310545-31 (MW-98-01A)					Prepared: 09/18/2013 Analyzed: 09/19/2013					
p- & m- Xylenes	21.2		ug/L	20.0	ND	106	83-128		0.377	30	
p-Isopropyltoluene	10.4		"	10.0	ND	104	74-129		3.03	30	
sec-Butylbenzene	10.8		"	10.0	ND	108	80-125		4.34	30	
Styrene	11.2		"	10.0	ND	112	51-181		3.52	30	
tert-Butylbenzene	10.7		"	10.0	ND	107	78-126		3.41	30	
Tetrachloroethylene	45.7		"	10.0	34.5	112	73-118		2.19	30	
Toluene	10.8		"	10.0	ND	108	81-118		1.97	30	
trans-1,2-Dichloroethylene	10.8		"	10.0	ND	108	66-128		0.464	30	
trans-1,3-Dichloropropylene	9.52		"	10.0	ND	95.2	70-129		5.22	30	
Trichloroethylene	10.1		"	10.0	0.270	98.6	84-120		0.0988	30	
Trichlorofluoromethane	10.6		"	10.0	ND	106	68-129		4.75	30	
Vinyl Chloride	9.21		"	10.0	ND	92.1	49-123		0.541	30	
Surrogate: 1,2-Dichloroethane-d4	10.7		"	10.0		107	79-133				
Surrogate: p-Bromofluorobenzene	9.95		"	10.0		99.5	65-133				
Surrogate: Toluene-d8	10.2		"	10.0		102	80-123				

Batch BI30809 - EPA 5030B

Blank (BI30809-BLK1)	Prepared & Analyzed: 09/18/2013										
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	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.3	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	0.32	0.50	"								
Carbon tetrachloride	ND	0.50	"								



Volatile Organic Compounds by GC/MS - 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 BI30809 - EPA 5030B

Blank (BI30809-BLK1)

Prepared & Analyzed: 09/18/2013

Chlorobenzene	ND	0.50	ug/L								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	0.21	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	79-133				
Surrogate: p-Bromofluorobenzene	9.31		"	10.0		93.1	65-133				
Surrogate: Toluene-d8	10.3		"	10.0		103	80-123				



Volatile Organic Compounds by GC/MS - 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 BI30809 - EPA 5030B											
LCS (BI30809-BS1)						Prepared & Analyzed: 09/18/2013					
1,1,1,2-Tetrachloroethane	9.47		ug/L	10.0		94.7	84-127				
1,1,1-Trichloroethane	9.52		"	10.0		95.2	80-131				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.79		"	10.0		97.9	70-133				
1,1,2-Trichloroethane	9.67		"	10.0		96.7	73-124				
1,1-Dichloroethane	9.62		"	10.0		96.2	79-123				
1,1-Dichloroethylene	8.95		"	10.0		89.5	71-123				
1,1-Dichloropropylene	8.90		"	10.0		89.0	73-117				
1,2,3-Trichlorobenzene	9.75		"	10.0		97.5	78-117				
1,2,3-Trichloropropane	9.44		"	10.0		94.4	68-119				
1,2,4-Trichlorobenzene	9.73		"	10.0		97.3	78-117				
1,2,4-Trimethylbenzene	7.39		"	10.0		73.9	68-134				
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	73-129				
1,2-Dibromoethane	10.1		"	10.0		101	73-139				
1,2-Dichlorobenzene	9.27		"	10.0		92.7	83-110				
1,2-Dichloroethane	9.75		"	10.0		97.5	81-120				
1,2-Dichloropropane	9.88		"	10.0		98.8	76-120				
1,3,5-Trimethylbenzene	8.44		"	10.0		84.4	74-121				
1,3-Dichlorobenzene	9.07		"	10.0		90.7	82-112				
1,3-Dichloropropane	9.98		"	10.0		99.8	77-122				
1,4-Dichlorobenzene	9.18		"	10.0		91.8	83-110				
2,2-Dichloropropane	9.78		"	10.0		97.8	50-163				
2-Chlorotoluene	9.34		"	10.0		93.4	74-115				
2-Hexanone	9.83		"	10.0		98.3	65-130				
4-Chlorotoluene	9.21		"	10.0		92.1	77-119				
Acetone	4.78		"	10.0		47.8	54-129	Low Bias			
Benzene	9.51		"	10.0		95.1	77-122				
Bromobenzene	9.90		"	10.0		99.0	76-114				
Bromochloromethane	9.49		"	10.0		94.9	73-125				
Bromodichloromethane	10.1		"	10.0		101	83-120				
Bromoform	10.2		"	10.0		102	72-139				
Bromomethane	9.02		"	10.0		90.2	52-128				
Carbon tetrachloride	9.77		"	10.0		97.7	66-152				
Chlorobenzene	9.31		"	10.0		93.1	85-113				
Chloroethane	9.04		"	10.0		90.4	60-124				
Chloroform	9.59		"	10.0		95.9	82-119				
Chloromethane	5.45		"	10.0		54.5	42-126				
cis-1,2-Dichloroethylene	9.73		"	10.0		97.3	79-116				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	85-134				
Dibromochloromethane	10.4		"	10.0		104	74-151				
Dibromomethane	9.82		"	10.0		98.2	74-128				
Dichlorodifluoromethane	5.78		"	10.0		57.8	10-146				
Ethyl Benzene	9.62		"	10.0		96.2	85-125				
Hexachlorobutadiene	9.37		"	10.0		93.7	69-131				
Isopropylbenzene	9.21		"	10.0		92.1	71-128				
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	51-134				
Methylene chloride	7.61		"	10.0		76.1	76-122				
Naphthalene	8.72		"	10.0		87.2	72-127				
n-Butylbenzene	9.13		"	10.0		91.3	69-127				
n-Propylbenzene	9.34		"	10.0		93.4	70-129				
o-Xylene	9.26		"	10.0		92.6	83-117				



Volatile Organic Compounds by GC/MS - 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 BI30809 - EPA 5030B

LCS (BI30809-BS1)

Prepared & Analyzed: 09/18/2013

p- & m- Xylenes	18.5		ug/L	20.0		92.6	80-126				
p-Isopropyltoluene	9.18		"	10.0		91.8	74-130				
sec-Butylbenzene	9.70		"	10.0		97.0	72-132				
Styrene	7.08		"	10.0		70.8	62-160				
tert-Butylbenzene	9.29		"	10.0		92.9	75-129				
Tetrachloroethylene	8.80		"	10.0		88.0	67-118				
Toluene	8.65		"	10.0		86.5	82-118				
trans-1,2-Dichloroethylene	9.03		"	10.0		90.3	76-119				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	80-137				
Trichloroethylene	9.43		"	10.0		94.3	71-122				
Trichlorofluoromethane	8.93		"	10.0		89.3	67-130				
Vinyl Chloride	8.36		"	10.0		83.6	49-125				
Surrogate: 1,2-Dichloroethane-d4	10.3		"	10.0		103	79-133				
Surrogate: p-Bromofluorobenzene	9.69		"	10.0		96.9	65-133				
Surrogate: Toluene-d8	9.78		"	10.0		97.8	80-123				

LCS Dup (BI30809-BSD1)

Prepared & Analyzed: 09/18/2013

1,1,1,2-Tetrachloroethane	9.33		ug/L	10.0		93.3	84-127		1.49	30	
1,1,1-Trichloroethane	9.65		"	10.0		96.5	80-131		1.36	30	
1,1,2,2-Tetrachloroethane	9.39		"	10.0		93.9	76-120		7.78	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	70-133		2.62	30	
1,1,2-Trichloroethane	9.03		"	10.0		90.3	73-124		6.84	30	
1,1-Dichloroethane	9.55		"	10.0		95.5	79-123		0.730	30	
1,1-Dichloroethylene	9.33		"	10.0		93.3	71-123		4.16	30	
1,1-Dichloropropylene	9.46		"	10.0		94.6	73-117		6.10	30	
1,2,3-Trichlorobenzene	9.86		"	10.0		98.6	78-117		1.12	30	
1,2,3-Trichloropropane	9.42		"	10.0		94.2	68-119		0.212	30	
1,2,4-Trichlorobenzene	10.3		"	10.0		103	78-117		5.40	30	
1,2,4-Trimethylbenzene	9.47		"	10.0		94.7	68-134		24.7	30	
1,2-Dibromo-3-chloropropane	8.93		"	10.0		89.3	73-129		14.2	30	
1,2-Dibromoethane	9.23		"	10.0		92.3	73-139		8.61	30	
1,2-Dichlorobenzene	9.56		"	10.0		95.6	83-110		3.08	30	
1,2-Dichloroethane	9.49		"	10.0		94.9	81-120		2.70	30	
1,2-Dichloropropane	9.80		"	10.0		98.0	76-120		0.813	30	
1,3,5-Trimethylbenzene	9.96		"	10.0		99.6	74-121		16.5	30	
1,3-Dichlorobenzene	9.86		"	10.0		98.6	82-112		8.35	30	
1,3-Dichloropropane	9.15		"	10.0		91.5	77-122		8.68	30	
1,4-Dichlorobenzene	9.78		"	10.0		97.8	83-110		6.33	30	
2,2-Dichloropropane	9.31		"	10.0		93.1	50-163		4.92	30	
2-Chlorotoluene	10.2		"	10.0		102	74-115		8.31	30	
2-Hexanone	8.13		"	10.0		81.3	65-130		18.9	30	
4-Chlorotoluene	9.94		"	10.0		99.4	77-119		7.62	30	
Acetone	3.95		"	10.0		39.5	54-129	Low Bias	19.0	30	
Benzene	9.50		"	10.0		95.0	77-122		0.105	30	
Bromobenzene	10.2		"	10.0		102	76-114		2.79	30	
Bromochloromethane	9.30		"	10.0		93.0	73-125		2.02	30	
Bromodichloromethane	9.79		"	10.0		97.9	83-120		3.51	30	
Bromoform	9.87		"	10.0		98.7	72-139		2.80	30	
Bromomethane	9.05		"	10.0		90.5	52-128		0.332	30	
Carbon tetrachloride	10.1		"	10.0		101	66-152		3.12	30	
Chlorobenzene	9.46		"	10.0		94.6	85-113		1.60	30	
Chloroethane	8.57		"	10.0		85.7	60-124		5.34	30	



Volatile Organic Compounds by GC/MS - 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 BI30809 - EPA 5030B

LCS Dup (BI30809-BSD1)

Prepared & Analyzed: 09/18/2013

Chloroform	9.52		ug/L	10.0		95.2	82-119		0.733	30	
Chloromethane	5.48		"	10.0		54.8	42-126		0.549	30	
cis-1,2-Dichloroethylene	9.32		"	10.0		93.2	79-116		4.30	30	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	85-134		3.81	30	
Dibromochloromethane	9.85		"	10.0		98.5	74-151		5.72	30	
Dibromomethane	9.50		"	10.0		95.0	74-128		3.31	30	
Dichlorodifluoromethane	5.80		"	10.0		58.0	10-146		0.345	30	
Ethyl Benzene	9.76		"	10.0		97.6	85-125		1.44	30	
Hexachlorobutadiene	10.1		"	10.0		101	69-131		7.40	30	
Isopropylbenzene	10.1		"	10.0		101	71-128		9.12	30	
Methyl tert-butyl ether (MTBE)	9.08		"	10.0		90.8	51-134		9.74	30	
Methylene chloride	7.48		"	10.0		74.8	76-122	Low Bias	1.72	30	
Naphthalene	9.55		"	10.0		95.5	72-127		9.09	30	
n-Butylbenzene	10.2		"	10.0		102	69-127		10.8	30	
n-Propylbenzene	10.2		"	10.0		102	70-129		9.29	30	
o-Xylene	9.41		"	10.0		94.1	83-117		1.61	30	
p- & m- Xylenes	19.1		"	20.0		95.6	80-126		3.24	30	
p-Isopropyltoluene	10.4		"	10.0		104	74-130		12.6	30	
sec-Butylbenzene	10.7		"	10.0		107	72-132		9.99	30	
Styrene	9.33		"	10.0		93.3	62-160		27.4	30	
tert-Butylbenzene	10.1		"	10.0		101	75-129		8.06	30	
Tetrachloroethylene	9.56		"	10.0		95.6	67-118		8.28	30	
Toluene	8.82		"	10.0		88.2	82-118		1.95	30	
trans-1,2-Dichloroethylene	9.21		"	10.0		92.1	76-119		1.97	30	
trans-1,3-Dichloropropylene	9.72		"	10.0		97.2	80-137		6.28	30	
Trichloroethylene	9.78		"	10.0		97.8	71-122		3.64	30	
Trichlorofluoromethane	9.13		"	10.0		91.3	67-130		2.21	30	
Vinyl Chloride	9.01		"	10.0		90.1	49-125		7.48	30	
Surrogate: 1,2-Dichloroethane-d4	9.21		"	10.0		92.1	79-133				
Surrogate: p-Bromofluorobenzene	9.71		"	10.0		97.1	65-133				
Surrogate: Toluene-d8	9.97		"	10.0		99.7	80-123				



Volatile Organic Compounds by GC/MS - 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 BI30809 - EPA 5030B

Matrix Spike (BI30809-MS1)		*Source sample: 1310545-19 (MW-49b)					Prepared: 09/18/2013 Analyzed: 09/19/2013				
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0	ND	102	82-126				
1,1,1-Trichloroethane	9.70		"	10.0	ND	97.0	60-145				
1,1,2,2-Tetrachloroethane	10.4		"	10.0	ND	104	77-124				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0	ND	100	50-147				
1,1,2-Trichloroethane	9.68		"	10.0	ND	96.8	75-126				
1,1-Dichloroethane	10.2		"	10.0	ND	102	76-132				
1,1-Dichloroethylene	9.40		"	10.0	ND	94.0	68-128				
1,1-Dichloropropylene	9.30		"	10.0	ND	93.0	80-116				
1,2,3-Trichlorobenzene	9.79		"	10.0	ND	97.9	59-137				
1,2,3-Trichloropropane	10.4		"	10.0	ND	104	64-144				
1,2,4-Trichlorobenzene	9.85		"	10.0	ND	98.5	62-132				
1,2,4-Trimethylbenzene	9.95		"	10.0	ND	99.5	68-138				
1,2-Dibromo-3-chloropropane	10.7		"	10.0	ND	107	46-190				
1,2-Dibromoethane	10.4		"	10.0	ND	104	77-129				
1,2-Dichlorobenzene	9.63		"	10.0	ND	96.3	81-111				
1,2-Dichloroethane	9.99		"	10.0	ND	99.9	76-129				
1,2-Dichloropropane	10.1		"	10.0	ND	101	78-123				
1,3,5-Trimethylbenzene	9.65		"	10.0	ND	96.5	74-128				
1,3-Dichlorobenzene	9.30		"	10.0	ND	93.0	76-115				
1,3-Dichloropropane	10.1		"	10.0	ND	101	78-124				
1,4-Dichlorobenzene	9.30		"	10.0	ND	93.0	76-114				
2,2-Dichloropropane	7.35		"	10.0	ND	73.5	35-139				
2-Chlorotoluene	9.95		"	10.0	ND	99.5	74-119				
2-Hexanone	9.80		"	10.0	ND	98.0	54-145				
4-Chlorotoluene	9.64		"	10.0	ND	96.4	78-123				
Acetone	3.78		"	10.0	ND	37.8	19-137				
Benzene	9.64		"	10.0	ND	96.4	83-121				
Bromobenzene	9.84		"	10.0	ND	98.4	74-121				
Bromochloromethane	9.64		"	10.0	ND	96.4	71-134				
Bromodichloromethane	10.5		"	10.0	ND	105	83-127				
Bromoform	10.6		"	10.0	ND	106	68-138				
Bromomethane	9.65		"	10.0	ND	96.5	14-125				
Carbon tetrachloride	10.2		"	10.0	ND	102	77-139				
Chlorobenzene	9.86		"	10.0	ND	98.6	88-111				
Chloroethane	8.27		"	10.0	ND	82.7	63-130				
Chloroform	9.62		"	10.0	ND	96.2	62-138				
Chloromethane	5.33		"	10.0	ND	53.3	46-121				
cis-1,2-Dichloroethylene	9.49		"	10.0	ND	94.9	58-137				
cis-1,3-Dichloropropylene	10.1		"	10.0	ND	101	72-131				
Dibromochloromethane	10.4		"	10.0	ND	104	81-133				
Dibromomethane	10.2		"	10.0	ND	102	76-136				
Dichlorodifluoromethane	5.79		"	10.0	ND	57.9	10-150				
Ethyl Benzene	10.1		"	10.0	ND	101	87-122				
Hexachlorobutadiene	9.54		"	10.0	ND	95.4	68-134				
Isopropylbenzene	9.84		"	10.0	ND	98.4	75-126				
Methyl tert-butyl ether (MTBE)	9.97		"	10.0	ND	99.7	67-130				
Methylene chloride	7.29		"	10.0	0.260	70.3	20-158				
Naphthalene	10.6		"	10.0	ND	106	51-151				
n-Butylbenzene	9.49		"	10.0	ND	94.9	72-124				
n-Propylbenzene	9.74		"	10.0	ND	97.4	76-123				
o-Xylene	9.84		"	10.0	ND	98.4	82-121				



Volatile Organic Compounds by GC/MS - 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 BI30809 - EPA 5030B

Matrix Spike (BI30809-MS1)		*Source sample: 1310545-19 (MW-49b)					Prepared: 09/18/2013 Analyzed: 09/19/2013				
p- & m- Xylenes	20.1		ug/L	20.0	ND	100	83-128				
p-Isopropyltoluene	10.0		"	10.0	ND	100	74-129				
sec-Butylbenzene	10.2		"	10.0	ND	102	80-125				
Styrene	11.3		"	10.0	ND	113	51-181				
tert-Butylbenzene	10.1		"	10.0	ND	101	78-126				
Tetrachloroethylene	9.86		"	10.0	0.260	96.0	73-118				
Toluene	9.16		"	10.0	0.330	88.3	81-118				
trans-1,2-Dichloroethylene	9.57		"	10.0	ND	95.7	66-128				
trans-1,3-Dichloropropylene	10.3		"	10.0	ND	103	70-129				
Trichloroethylene	10.4		"	10.0	ND	104	84-120				
Trichlorofluoromethane	9.51		"	10.0	ND	95.1	68-129				
Vinyl Chloride	9.31		"	10.0	ND	93.1	49-123				
Surrogate: 1,2-Dichloroethane-d4	10.1		"	10.0		101	79-133				
Surrogate: p-Bromofluorobenzene	10.2		"	10.0		102	65-133				
Surrogate: Toluene-d8	10.2		"	10.0		102	80-123				

Matrix Spike Dup (BI30809-MSD1)		*Source sample: 1310545-19 (MW-49b)					Prepared: 09/18/2013 Analyzed: 09/19/2013				
1,1,1,2-Tetrachloroethane	9.77		ug/L	10.0	ND	97.7	82-126	4.60	30		
1,1,1-Trichloroethane	9.90		"	10.0	ND	99.0	60-145	2.04	30		
1,1,2,2-Tetrachloroethane	10.8		"	10.0	ND	108	77-124	3.30	30		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0	ND	105	50-147	4.48	30		
1,1,2-Trichloroethane	10.3		"	10.0	ND	103	75-126	6.30	30		
1,1-Dichloroethane	10.3		"	10.0	ND	103	76-132	0.489	30		
1,1-Dichloroethylene	9.83		"	10.0	ND	98.3	68-128	4.47	30		
1,1-Dichloropropylene	9.74		"	10.0	ND	97.4	80-116	4.62	30		
1,2,3-Trichlorobenzene	9.97		"	10.0	ND	99.7	59-137	1.82	30		
1,2,3-Trichloropropane	9.49		"	10.0	ND	94.9	64-144	9.05	30		
1,2,4-Trichlorobenzene	10.4		"	10.0	ND	104	62-132	4.95	30		
1,2,4-Trimethylbenzene	10.2		"	10.0	ND	102	68-138	2.68	30		
1,2-Dibromo-3-chloropropane	10.4		"	10.0	ND	104	46-190	2.37	30		
1,2-Dibromoethane	10.4		"	10.0	ND	104	77-129	0.0966	30		
1,2-Dichlorobenzene	10.2		"	10.0	ND	102	81-111	5.75	30		
1,2-Dichloroethane	10.1		"	10.0	ND	101	76-129	0.698	30		
1,2-Dichloropropane	10.1		"	10.0	ND	101	78-123	0.496	30		
1,3,5-Trimethylbenzene	9.93		"	10.0	ND	99.3	74-128	2.86	30		
1,3-Dichlorobenzene	9.78		"	10.0	ND	97.8	76-115	5.03	30		
1,3-Dichloropropane	10.3		"	10.0	ND	103	78-124	2.55	30		
1,4-Dichlorobenzene	9.69		"	10.0	ND	96.9	76-114	4.11	30		
2,2-Dichloropropane	7.29		"	10.0	ND	72.9	35-139	0.820	30		
2-Chlorotoluene	9.91		"	10.0	ND	99.1	74-119	0.403	30		
2-Hexanone	9.62		"	10.0	ND	96.2	54-145	1.85	30		
4-Chlorotoluene	9.73		"	10.0	ND	97.3	78-123	0.929	30		
Acetone	3.48		"	10.0	ND	34.8	19-137	8.26	30		
Benzene	10.2		"	10.0	ND	102	83-121	6.04	30		
Bromobenzene	10.2		"	10.0	ND	102	74-121	3.79	30		
Bromochloromethane	9.83		"	10.0	ND	98.3	71-134	1.95	30		
Bromodichloromethane	10.4		"	10.0	ND	104	83-127	0.191	30		
Bromoform	11.2		"	10.0	ND	112	68-138	5.48	30		
Bromomethane	11.1		"	10.0	ND	111	14-125	13.6	30		
Carbon tetrachloride	10.5		"	10.0	ND	105	77-139	2.91	30		
Chlorobenzene	9.97		"	10.0	ND	99.7	88-111	1.11	30		
Chloroethane	9.46		"	10.0	ND	94.6	63-130	13.4	30		



Volatile Organic Compounds by GC/MS - 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 BI30809 - EPA 5030B

Matrix Spike Dup (BI30809-MSD1)		*Source sample: 1310545-19 (MW-49b)				Prepared: 09/18/2013 Analyzed: 09/19/2013					
Chloroform	9.77		ug/L	10.0	ND	97.7	62-138		1.55	30	
Chloromethane	5.81		"	10.0	ND	58.1	46-121		8.62	30	
cis-1,2-Dichloroethylene	10.2		"	10.0	ND	102	58-137		7.51	30	
cis-1,3-Dichloropropylene	9.83		"	10.0	ND	98.3	72-131		2.91	30	
Dibromochloromethane	10.9		"	10.0	ND	109	81-133		4.23	30	
Dibromomethane	10.5		"	10.0	ND	105	76-136		2.50	30	
Dichlorodifluoromethane	5.62		"	10.0	ND	56.2	10-150		2.98	30	
Ethyl Benzene	10.2		"	10.0	ND	102	87-122		1.08	30	
Hexachlorobutadiene	9.95		"	10.0	ND	99.5	68-134		4.21	30	
Isopropylbenzene	10.0		"	10.0	ND	100	75-126		2.11	30	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0	ND	109	67-130		8.64	30	
Methylene chloride	7.59		"	10.0	0.260	73.3	20-158		4.03	30	
Naphthalene	10.9		"	10.0	ND	109	51-151		3.25	30	
n-Butylbenzene	9.76		"	10.0	ND	97.6	72-124		2.81	30	
n-Propylbenzene	10.2		"	10.0	ND	102	76-123		4.22	30	
o-Xylene	9.86		"	10.0	ND	98.6	82-121		0.203	30	
p- & m- Xylenes	20.1		"	20.0	ND	100	83-128		0.0498	30	
p-Isopropyltoluene	10.2		"	10.0	ND	102	74-129		2.37	30	
sec-Butylbenzene	10.2		"	10.0	ND	102	80-125		0.491	30	
Styrene	11.5		"	10.0	ND	115	51-181		1.67	30	
tert-Butylbenzene	10.2		"	10.0	ND	102	78-126		0.888	30	
Tetrachloroethylene	9.89		"	10.0	0.260	96.3	73-118		0.304	30	
Toluene	9.23		"	10.0	0.330	89.0	81-118		0.761	30	
trans-1,2-Dichloroethylene	10.4		"	10.0	ND	104	66-128		8.41	30	
trans-1,3-Dichloropropylene	9.60		"	10.0	ND	96.0	70-129		7.42	30	
Trichloroethylene	10.1		"	10.0	ND	101	84-120		2.35	30	
Trichlorofluoromethane	9.65		"	10.0	ND	96.5	68-129		1.46	30	
Vinyl Chloride	10.0		"	10.0	ND	100	49-123		7.15	30	
Surrogate: 1,2-Dichloroethane-d4	10.2		"	10.0		102	79-133				
Surrogate: p-Bromofluorobenzene	9.85		"	10.0		98.5	65-133				
Surrogate: Toluene-d8	9.92		"	10.0		99.2	80-123				



Volatile Organic Compounds by GC/MS - 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 BI30841 - EPA 5030B

Blank (BI30841-BLK1)

Prepared & Analyzed: 09/19/2013

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	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	3.5	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	ND	2.0	"
Naphthalene	ND	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"



Volatile Organic Compounds by GC/MS - 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 BI30841 - EPA 5030B

Blank (BI30841-BLK1)

Prepared & Analyzed: 09/19/2013

p- & m- Xylenes	ND	1.0	ug/L
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

Surrogate: 1,2-Dichloroethane-d4

11.2

"

10.0

112

79-133

Surrogate: p-Bromofluorobenzene

11.9

"

10.0

119

65-133

Surrogate: Toluene-d8

10.5

"

10.0

105

80-123

LCS (BI30841-BS1)

Prepared & Analyzed: 09/19/2013

1,1,1,2-Tetrachloroethane	9.85		ug/L	10.0		98.5	84-127
1,1,1-Trichloroethane	10.3		"	10.0		103	80-131
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-120
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	70-133
1,1,2-Trichloroethane	10.3		"	10.0		103	73-124
1,1-Dichloroethane	10.3		"	10.0		103	79-123
1,1-Dichloroethylene	9.99		"	10.0		99.9	71-123
1,1-Dichloropropylene	9.80		"	10.0		98.0	73-117
1,2,3-Trichlorobenzene	10.1		"	10.0		101	78-117
1,2,3-Trichloropropane	10.6		"	10.0		106	68-119
1,2,4-Trichlorobenzene	10.0		"	10.0		100	78-117
1,2,4-Trimethylbenzene	9.55		"	10.0		95.5	68-134
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	73-129
1,2-Dibromoethane	10.2		"	10.0		102	73-139
1,2-Dichlorobenzene	10.4		"	10.0		104	83-110
1,2-Dichloroethane	10.6		"	10.0		106	81-120
1,2-Dichloropropane	9.99		"	10.0		99.9	76-120
1,3,5-Trimethylbenzene	9.02		"	10.0		90.2	74-121
1,3-Dichlorobenzene	9.71		"	10.0		97.1	82-112
1,3-Dichloropropane	10.4		"	10.0		104	77-122
1,4-Dichlorobenzene	9.62		"	10.0		96.2	83-110
2,2-Dichloropropane	10.2		"	10.0		102	50-163
2-Chlorotoluene	10.1		"	10.0		101	74-115
2-Hexanone	10.3		"	10.0		103	65-130
4-Chlorotoluene	10.3		"	10.0		103	77-119
Acetone	11.7		"	10.0		117	54-129
Benzene	10.4		"	10.0		104	77-122
Bromobenzene	10.3		"	10.0		103	76-114
Bromochloromethane	10.9		"	10.0		109	73-125
Bromodichloromethane	10.4		"	10.0		104	83-120
Bromoform	10.5		"	10.0		105	72-139
Bromomethane	8.55		"	10.0		85.5	52-128
Carbon tetrachloride	10.7		"	10.0		107	66-152
Chlorobenzene	10.3		"	10.0		103	85-113



Volatile Organic Compounds by GC/MS - 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 BI30841 - EPA 5030B

LCS (BI30841-BS1)

Prepared & Analyzed: 09/19/2013

Chloroethane	9.64		ug/L	10.0		96.4	60-124				
Chloroform	9.95		"	10.0		99.5	82-119				
Chloromethane	5.89		"	10.0		58.9	42-126				
cis-1,2-Dichloroethylene	9.96		"	10.0		99.6	79-116				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	85-134				
Dibromochloromethane	10.5		"	10.0		105	74-151				
Dibromomethane	10.5		"	10.0		105	74-128				
Dichlorodifluoromethane	5.42		"	10.0		54.2	10-146				
Ethyl Benzene	10.8		"	10.0		108	85-125				
Hexachlorobutadiene	9.92		"	10.0		99.2	69-131				
Isopropylbenzene	10.8		"	10.0		108	71-128				
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	51-134				
Methylene chloride	9.94		"	10.0		99.4	76-122				
Naphthalene	11.0		"	10.0		110	72-127				
n-Butylbenzene	11.0		"	10.0		110	69-127				
n-Propylbenzene	10.4		"	10.0		104	70-129				
o-Xylene	10.2		"	10.0		102	83-117				
p- & m- Xylenes	21.0		"	20.0		105	80-126				
p-Isopropyltoluene	10.5		"	10.0		105	74-130				
sec-Butylbenzene	10.8		"	10.0		108	72-132				
Styrene	10.3		"	10.0		103	62-160				
tert-Butylbenzene	10.7		"	10.0		107	75-129				
Tetrachloroethylene	9.61		"	10.0		96.1	67-118				
Toluene	10.4		"	10.0		104	82-118				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	76-119				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	80-137				
Trichloroethylene	9.84		"	10.0		98.4	71-122				
Trichlorofluoromethane	9.51		"	10.0		95.1	67-130				
Vinyl Chloride	8.43		"	10.0		84.3	49-125				
Surrogate: 1,2-Dichloroethane-d4	10.5		"	10.0		105	79-133				
Surrogate: p-Bromofluorobenzene	9.83		"	10.0		98.3	65-133				
Surrogate: Toluene-d8	10.2		"	10.0		102	80-123				



Volatile Organic Compounds by GC/MS - 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 BI30841 - EPA 5030B											
LCS Dup (BI30841-BS01)						Prepared & Analyzed: 09/19/2013					
1,1,1,2-Tetrachloroethane	9.76		ug/L	10.0		97.6	84-127		0.918	30	
1,1,1-Trichloroethane	9.88		"	10.0		98.8	80-131		4.16	30	
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	76-120		0.365	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	70-133		3.11	30	
1,1,2-Trichloroethane	10.1		"	10.0		101	73-124		1.27	30	
1,1-Dichloroethane	10.0		"	10.0		100	79-123		2.75	30	
1,1-Dichloroethylene	9.58		"	10.0		95.8	71-123		4.19	30	
1,1-Dichloropropylene	9.58		"	10.0		95.8	73-117		2.27	30	
1,2,3-Trichlorobenzene	9.44		"	10.0		94.4	78-117		6.66	30	
1,2,3-Trichloropropane	10.5		"	10.0		105	68-119		1.42	30	
1,2,4-Trichlorobenzene	9.41		"	10.0		94.1	78-117		6.08	30	
1,2,4-Trimethylbenzene	7.15		"	10.0		71.5	68-134		28.7	30	
1,2-Dibromo-3-chloropropane	9.90		"	10.0		99.0	73-129		6.64	30	
1,2-Dibromoethane	10.1		"	10.0		101	73-139		1.38	30	
1,2-Dichlorobenzene	9.93		"	10.0		99.3	83-110		4.14	30	
1,2-Dichloroethane	10.2		"	10.0		102	81-120		3.08	30	
1,2-Dichloropropane	10.3		"	10.0		103	76-120		2.96	30	
1,3,5-Trimethylbenzene	7.95		"	10.0		79.5	74-121		12.6	30	
1,3-Dichlorobenzene	9.59		"	10.0		95.9	82-112		1.24	30	
1,3-Dichloropropane	10.4		"	10.0		104	77-122		0.578	30	
1,4-Dichlorobenzene	9.48		"	10.0		94.8	83-110		1.47	30	
2,2-Dichloropropane	9.92		"	10.0		99.2	50-163		2.29	30	
2-Chlorotoluene	9.90		"	10.0		99.0	74-115		2.30	30	
2-Hexanone	10.4		"	10.0		104	65-130		0.675	30	
4-Chlorotoluene	9.86		"	10.0		98.6	77-119		4.37	30	
Acetone	11.9		"	10.0		119	54-129		1.53	30	
Benzene	10.2		"	10.0		102	77-122		1.46	30	
Bromobenzene	10.2		"	10.0		102	76-114		0.682	30	
Bromochloromethane	10.8		"	10.0		108	73-125		1.57	30	
Bromodichloromethane	10.2		"	10.0		102	83-120		1.84	30	
Bromoform	10.3		"	10.0		103	72-139		1.34	30	
Bromomethane	8.10		"	10.0		81.0	52-128		5.41	30	
Carbon tetrachloride	10.3		"	10.0		103	66-152		3.33	30	
Chlorobenzene	10.2		"	10.0		102	85-113		1.66	30	
Chloroethane	9.27		"	10.0		92.7	60-124		3.91	30	
Chloroform	9.78		"	10.0		97.8	82-119		1.72	30	
Chloromethane	5.78		"	10.0		57.8	42-126		1.89	30	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	79-116		0.999	30	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	85-134		0.0965	30	
Dibromochloromethane	10.3		"	10.0		103	74-151		1.64	30	
Dibromomethane	10.2		"	10.0		102	74-128		3.08	30	
Dichlorodifluoromethane	5.29		"	10.0		52.9	10-146		2.43	30	
Ethyl Benzene	10.4		"	10.0		104	85-125		3.39	30	
Hexachlorobutadiene	9.26		"	10.0		92.6	69-131		6.88	30	
Isopropylbenzene	10.2		"	10.0		102	71-128		6.19	30	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	51-134		1.07	30	
Methylene chloride	9.86		"	10.0		98.6	76-122		0.808	30	
Naphthalene	9.31		"	10.0		93.1	72-127		16.7	30	
n-Butylbenzene	10.4		"	10.0		104	69-127		5.91	30	
n-Propylbenzene	10.2		"	10.0		102	70-129		2.52	30	
o-Xylene	9.70		"	10.0		97.0	83-117		5.42	30	



Volatile Organic Compounds by GC/MS - 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 BI30841 - EPA 5030B

LCS Dup (BI30841-BSD1)

Prepared & Analyzed: 09/19/2013

p- & m- Xylenes	19.6		ug/L	20.0		97.8	80-126		6.96	30	
p-Isopropyltoluene	9.73		"	10.0		97.3	74-130		7.42	30	
sec-Butylbenzene	10.5		"	10.0		105	72-132		2.34	30	
Styrene	6.59		"	10.0		65.9	62-160		43.9	30	Non-dir.
tert-Butylbenzene	10.3		"	10.0		103	75-129		3.33	30	
Tetrachloroethylene	9.25		"	10.0		92.5	67-118		3.82	30	
Toluene	10.3		"	10.0		103	82-118		0.675	30	
trans-1,2-Dichloroethylene	9.98		"	10.0		99.8	76-119		2.96	30	
trans-1,3-Dichloropropylene	10.4		"	10.0		104	80-137		0.00	30	
Trichloroethylene	9.67		"	10.0		96.7	71-122		1.74	30	
Trichlorofluoromethane	9.17		"	10.0		91.7	67-130		3.64	30	
Vinyl Chloride	8.11		"	10.0		81.1	49-125		3.87	30	
Surrogate: 1,2-Dichloroethane-d4	10.2		"	10.0		102	79-133				
Surrogate: p-Bromofluorobenzene	9.47		"	10.0		94.7	65-133				
Surrogate: Toluene-d8	9.98		"	10.0		99.8	80-123				

Batch BI30842 - EPA 5030B

Blank (BI30842-BLK1)

Prepared & Analyzed: 09/19/2013

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	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
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	1.2	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	0.40	0.50	"
Carbon tetrachloride	ND	0.50	"



Volatile Organic Compounds by GC/MS - 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 BI30842 - EPA 5030B

Blank (BI30842-BLK1)

Prepared & Analyzed: 09/19/2013

Chlorobenzene	ND	0.50	ug/L								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	8.80		"	10.0		88.0	79-133				
Surrogate: p-Bromofluorobenzene	10.1		"	10.0		101	65-133				
Surrogate: Toluene-d8	10.3		"	10.0		103	80-123				



Volatile Organic Compounds by GC/MS - 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 BI30842 - EPA 5030B											
LCS (BI30842-BS1)						Prepared & Analyzed: 09/19/2013					
1,1,1,2-Tetrachloroethane	9.46		ug/L	10.0		94.6	84-127				
1,1,1-Trichloroethane	9.42		"	10.0		94.2	80-131				
1,1,2,2-Tetrachloroethane	9.45		"	10.0		94.5	76-120				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.87		"	10.0		98.7	70-133				
1,1,2-Trichloroethane	9.07		"	10.0		90.7	73-124				
1,1-Dichloroethane	11.4		"	10.0		114	79-123				
1,1-Dichloroethylene	9.23		"	10.0		92.3	71-123				
1,1-Dichloropropylene	8.99		"	10.0		89.9	73-117				
1,2,3-Trichlorobenzene	9.52		"	10.0		95.2	78-117				
1,2,3-Trichloropropane	8.60		"	10.0		86.0	68-119				
1,2,4-Trichlorobenzene	10.1		"	10.0		101	78-117				
1,2,4-Trimethylbenzene	9.85		"	10.0		98.5	68-134				
1,2-Dibromo-3-chloropropane	9.14		"	10.0		91.4	73-129				
1,2-Dibromoethane	9.30		"	10.0		93.0	73-139				
1,2-Dichlorobenzene	9.53		"	10.0		95.3	83-110				
1,2-Dichloroethane	9.32		"	10.0		93.2	81-120				
1,2-Dichloropropane	9.63		"	10.0		96.3	76-120				
1,3,5-Trimethylbenzene	10.1		"	10.0		101	74-121				
1,3-Dichlorobenzene	9.47		"	10.0		94.7	82-112				
1,3-Dichloropropane	9.37		"	10.0		93.7	77-122				
1,4-Dichlorobenzene	9.63		"	10.0		96.3	83-110				
2,2-Dichloropropane	12.7		"	10.0		127	50-163				
2-Chlorotoluene	9.99		"	10.0		99.9	74-115				
2-Hexanone	8.06		"	10.0		80.6	65-130				
4-Chlorotoluene	9.48		"	10.0		94.8	77-119				
Acetone	3.26		"	10.0		32.6	54-129	Low Bias			
Benzene	9.48		"	10.0		94.8	77-122				
Bromobenzene	9.73		"	10.0		97.3	76-114				
Bromochloromethane	9.01		"	10.0		90.1	73-125				
Bromodichloromethane	9.65		"	10.0		96.5	83-120				
Bromoform	9.94		"	10.0		99.4	72-139				
Bromomethane	10.8		"	10.0		108	52-128				
Carbon tetrachloride	9.94		"	10.0		99.4	66-152				
Chlorobenzene	9.53		"	10.0		95.3	85-113				
Chloroethane	8.50		"	10.0		85.0	60-124				
Chloroform	9.36		"	10.0		93.6	82-119				
Chloromethane	5.51		"	10.0		55.1	42-126				
cis-1,2-Dichloroethylene	11.3		"	10.0		113	79-116				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	85-134				
Dibromochloromethane	9.53		"	10.0		95.3	74-151				
Dibromomethane	9.19		"	10.0		91.9	74-128				
Dichlorodifluoromethane	4.63		"	10.0		46.3	10-146				
Ethyl Benzene	9.83		"	10.0		98.3	85-125				
Hexachlorobutadiene	9.95		"	10.0		99.5	69-131				
Isopropylbenzene	9.91		"	10.0		99.1	71-128				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	51-134				
Methylene chloride	7.23		"	10.0		72.3	76-122	Low Bias			
Naphthalene	9.28		"	10.0		92.8	72-127				
n-Butylbenzene	10.2		"	10.0		102	69-127				
n-Propylbenzene	10.0		"	10.0		100	70-129				
o-Xylene	9.42		"	10.0		94.2	83-117				



Volatile Organic Compounds by GC/MS - 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 BI30842 - EPA 5030B

LCS (BI30842-BS1)

Prepared & Analyzed: 09/19/2013

p- & m- Xylenes	19.5		ug/L	20.0		97.4	80-126				
p-Isopropyltoluene	10.2		"	10.0		102	74-130				
sec-Butylbenzene	10.6		"	10.0		106	72-132				
Styrene	10.6		"	10.0		106	62-160				
tert-Butylbenzene	10.2		"	10.0		102	75-129				
Tetrachloroethylene	9.53		"	10.0		95.3	67-118				
Toluene	8.70		"	10.0		87.0	82-118				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	76-119				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	80-137				
Trichloroethylene	9.55		"	10.0		95.5	71-122				
Trichlorofluoromethane	8.82		"	10.0		88.2	67-130				
Vinyl Chloride	8.70		"	10.0		87.0	49-125				
Surrogate: 1,2-Dichloroethane-d4	9.66		"	10.0		96.6	79-133				
Surrogate: p-Bromofluorobenzene	9.67		"	10.0		96.7	65-133				
Surrogate: Toluene-d8	10.1		"	10.0		101	80-123				

LCS Dup (BI30842-BSD1)

Prepared & Analyzed: 09/19/2013

1,1,1,2-Tetrachloroethane	9.79		ug/L	10.0		97.9	84-127		3.43	30	
1,1,1-Trichloroethane	9.76		"	10.0		97.6	80-131		3.55	30	
1,1,2,2-Tetrachloroethane	9.76		"	10.0		97.6	76-120		3.23	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.81		"	10.0		98.1	70-133		0.610	30	
1,1,2-Trichloroethane	9.30		"	10.0		93.0	73-124		2.50	30	
1,1-Dichloroethane	9.68		"	10.0		96.8	79-123		16.7	30	
1,1-Dichloroethylene	9.06		"	10.0		90.6	71-123		1.86	30	
1,1-Dichloropropylene	9.22		"	10.0		92.2	73-117		2.53	30	
1,2,3-Trichlorobenzene	9.69		"	10.0		96.9	78-117		1.77	30	
1,2,3-Trichloropropane	8.97		"	10.0		89.7	68-119		4.21	30	
1,2,4-Trichlorobenzene	9.63		"	10.0		96.3	78-117		4.67	30	
1,2,4-Trimethylbenzene	8.97		"	10.0		89.7	68-134		9.35	30	
1,2-Dibromo-3-chloropropane	9.63		"	10.0		96.3	73-129		5.22	30	
1,2-Dibromoethane	9.61		"	10.0		96.1	73-139		3.28	30	
1,2-Dichlorobenzene	9.78		"	10.0		97.8	83-110		2.59	30	
1,2-Dichloroethane	9.24		"	10.0		92.4	81-120		0.862	30	
1,2-Dichloropropane	9.71		"	10.0		97.1	76-120		0.827	30	
1,3,5-Trimethylbenzene	9.52		"	10.0		95.2	74-121		5.71	30	
1,3-Dichlorobenzene	9.59		"	10.0		95.9	82-112		1.26	30	
1,3-Dichloropropane	9.41		"	10.0		94.1	77-122		0.426	30	
1,4-Dichlorobenzene	9.62		"	10.0		96.2	83-110		0.104	30	
2,2-Dichloropropane	10.8		"	10.0		108	50-163		15.8	30	
2-Chlorotoluene	9.68		"	10.0		96.8	74-115		3.15	30	
2-Hexanone	8.50		"	10.0		85.0	65-130		5.31	30	
4-Chlorotoluene	9.49		"	10.0		94.9	77-119		0.105	30	
Acetone	3.48		"	10.0		34.8	54-129	Low Bias	6.53	30	
Benzene	9.49		"	10.0		94.9	77-122		0.105	30	
Bromobenzene	9.98		"	10.0		99.8	76-114		2.54	30	
Bromochloromethane	8.93		"	10.0		89.3	73-125		0.892	30	
Bromodichloromethane	9.81		"	10.0		98.1	83-120		1.64	30	
Bromoform	9.85		"	10.0		98.5	72-139		0.910	30	
Bromomethane	10.4		"	10.0		104	52-128		3.67	30	
Carbon tetrachloride	9.79		"	10.0		97.9	66-152		1.52	30	
Chlorobenzene	9.71		"	10.0		97.1	85-113		1.87	30	
Chloroethane	8.33		"	10.0		83.3	60-124		2.02	30	



Volatile Organic Compounds by GC/MS - 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 BI30842 - EPA 5030B

LCS Dup (BI30842-BSD1)

Prepared & Analyzed: 09/19/2013

Chloroform	9.56		ug/L	10.0		95.6	82-119		2.11	30
Chloromethane	5.80		"	10.0		58.0	42-126		5.13	30
cis-1,2-Dichloroethylene	9.59		"	10.0		95.9	79-116		16.7	30
cis-1,3-Dichloropropylene	10.2		"	10.0		102	85-134		0.880	30
Dibromochloromethane	10.1		"	10.0		101	74-151		5.51	30
Dibromomethane	9.28		"	10.0		92.8	74-128		0.975	30
Dichlorodifluoromethane	4.50		"	10.0		45.0	10-146		2.85	30
Ethyl Benzene	9.75		"	10.0		97.5	85-125		0.817	30
Hexachlorobutadiene	9.99		"	10.0		99.9	69-131		0.401	30
Isopropylbenzene	9.54		"	10.0		95.4	71-128		3.80	30
Methyl tert-butyl ether (MTBE)	9.41		"	10.0		94.1	51-134		11.9	30
Methylene chloride	7.18		"	10.0		71.8	76-122	Low Bias	0.694	30
Naphthalene	9.13		"	10.0		91.3	72-127		1.63	30
n-Butylbenzene	9.75		"	10.0		97.5	69-127		4.90	30
n-Propylbenzene	10.0		"	10.0		100	70-129		0.399	30
o-Xylene	9.49		"	10.0		94.9	83-117		0.740	30
p- & m- Xylenes	18.9		"	20.0		94.6	80-126		2.97	30
p-Isopropyltoluene	10.1		"	10.0		101	74-130		1.77	30
sec-Butylbenzene	10.2		"	10.0		102	72-132		3.93	30
Styrene	9.05		"	10.0		90.5	62-160		15.6	30
tert-Butylbenzene	10.0		"	10.0		100	75-129		1.29	30
Tetrachloroethylene	9.57		"	10.0		95.7	67-118		0.419	30
Toluene	8.47		"	10.0		84.7	82-118		2.68	30
trans-1,2-Dichloroethylene	9.37		"	10.0		93.7	76-119		15.2	30
trans-1,3-Dichloropropylene	9.93		"	10.0		99.3	80-137		1.99	30
Trichloroethylene	9.53		"	10.0		95.3	71-122		0.210	30
Trichlorofluoromethane	9.03		"	10.0		90.3	67-130		2.35	30
Vinyl Chloride	8.52		"	10.0		85.2	49-125		2.09	30
Surrogate: 1,2-Dichloroethane-d4	9.88		"	10.0		98.8	79-133			
Surrogate: p-Bromofluorobenzene	9.70		"	10.0		97.0	65-133			
Surrogate: Toluene-d8	9.74		"	10.0		97.4	80-123			



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13I0545-01	MW-28A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-02	MW-28b	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-03	MW-42b	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-04	MW-43A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-05	MW-43b	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-06	MW-43C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-07	MW-44A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-08	MW-44b	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-09	MW-44C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-10	MW-45A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-11	MW-45b	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-12	MW-46a	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-13	MW-46b	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-14	MW-47a	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-15	MW-47b	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-16	MW-48a	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-17	MW-48b	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-18	MW-49a	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-19	MW-49b	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-20	MW-49c	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-21	MW-50A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-22	MW-50b	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-23	MW-50C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-24	MW-52A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-25	MW-53	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-26	MW-54	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-27	MW-56A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-28	MW-56B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-29	MW-56C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-30	MW-57C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-31	MW-98-01A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-32	MW-98-04	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-33	MW-98-05A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-34	MW-98-05b	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-35	MW-B1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-36	MW-B2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-37	MW-B3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-38	MW-B4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-39	N-1B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-40	N-2B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-41	N-16	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-42	N-32	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-43	MW-A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-44	MW-B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-45	MW-C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-46	FB-PW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13I0545-47	Field Blank SH	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



1310545-48	Field Blank CC	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
1310545-49	Field Blank EF	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
1310545-50	Field Blank JM	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
1310545-51	TBCC	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
1310545-52	TBJM	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
1310545-53	TBPW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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/LOD) or in the case of a TIC, 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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

Field Chain-of-Custody Record

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1340545

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This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 1340545

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type/Deliverables	
Company: <u>LBG</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>	Company: <u>same</u>
Address: <u>4 Research Dr, Suite 301</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>	Address: <u>same</u>
Phone No. <u>203-929-8555</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>	Phone No. <u>same</u>
Contact Person: <u>Tunde Sandar</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>	Contact Person: <u>same</u>
E-Mail Address: <u>tsandar@lbgct.com</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>	E-Mail Address: <u>same</u>
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved. Matrix Codes: S - soil, Other - specify (oil, etc.) WW - wastewater, GW - groundwater, DW - drinking water, Air-A - ambient air, Air-SV - soil vapor Samples Collected/Authorized By: <u>James Miller</u> Signature: <u>James Miller</u> Name (printed): <u>James Miller</u>											
Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below								
MW-28A	9-12-13 9:05	GW	VOCs 8260 full list								
MW-28B	9-12-13 8:35		3 VOAS								
MW-42B	9-11-13 14:25		3 VOAS								
MW-43A	9-10-13 11:05		3 VOAS								
MW-43B	9-10-13 11:35		3 VOAS								
MW-43C	9-10-13 12:00		3 VOAS								
MW-44A	9-11-13 8:45		3 VOAS								
MW-44B	9-11-13 14:20		3 VOAS								
MW-44C	9-11-13 9:35		3 VOAS								
MW-45A	9-11-13 15:23		3 VOAS								
Comments: <u>Use additional Sample Volume for site specific ms/msd</u>			Preservation: <u>4°C</u> Frozen <u>NaOH</u> HNO ₃ <u>NaOH</u> Other <u>NaOH</u>								
Temperature on Receipt: <u>3.3 °C</u>			Date/Time: <u>9-13-13 16:00</u> Date/Time: <u>9-13-13 16:50</u>								

Field Chain-of-Custody Record

13 Feb 15

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York Project No. 131054466

[illegible]



YORK
ANALYTICAL LABORATORIES INC

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

Field Chain-of-Custody Record

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York Project No. 1370545

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: <u>LBG</u>	Company: <u>Same</u>	Company: <u>Same</u>		Company: <u>Same</u>				RUSH - Same Day ☐	Summary Report <u>X</u> , pdf		
Address: <u>4 Research Dr, Suite 301</u>	Address: <u>Same</u>	Address: <u>Same</u>		Address: <u>Same</u>				RUSH - Next Day ☐	Summary w/ QA Summary <u>X</u> , pdf		
Phone No. <u>203-929-8555</u>	Phone No. <u>Same</u>	Phone No. <u>Same</u>		Phone No. <u>Same</u>				RUSH - Two Day ☐	CT RCP Package		
Contact Person: <u>Tunde Sandor</u>	Attention: <u>Same</u>	Attention: <u>Same</u>		Attention: <u>Same</u>				RUSH - Three Day ☐	CT RCP DQA/DUE Pkg		
E-Mail Address: <u>tsandor@lbgt.com</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>		E-Mail Address: <u>Same</u>				RUSH - Four Day ☐	NY ASP A Package		
									NY ASP B Package <u>X</u> , pdf		
									NIDEPR Red. Deliv.		
									Electronic Data Deliverables (EDD)		
									Simple Excel <u>X</u>		
									NYSDEC EQuIS		
									EQuIS (std)		
									EZ-EDD (EQuIS)		
									NIDEPR SRP HazSite EDD		
									GIS/KEY (std)		
									Other		
									York Regulatory Comparison		
									Excel Spreadsheet		
									Compare to the following Regs. (please fill in):		

Sample Identification		Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below										Container Description(s)
MW-50A		9-11-13/10:43	GL	VOCs 8260 full list										3 VOCs
MW-50B		9-11-13/10:20	GL											3 VOCs
MW-50C		9-11-13/9:55												3 VOCs
MW-52A		9-12-13/10:01												3 VOCs
MW-53		9-10-13/13:20												9 VOCs *
MW-54		9-10-13/14:05												3 VOCs
MW-56A		9-11-13/12:50												3 VOCs
MW-56B		9-11-13/12:28												3 VOCs
MW-56C		9-11-13/12:07												3 VOCs
MW-57C		9-11-13/13:50												

Comments: Additional sample volume for site specific ms/msd	4°C	Frozen	HCl	MeOH	HNO ₃	H ₂ SO ₄	NaOH	Other
	Samples Relinquished By <u>James Williams</u> Date/Time <u>9-13-13 16:40</u> Samples Relinquished By <u>Grace</u> Date/Time <u>9-13-13 16:50</u>							
	Samples Relinquished By _____ Date/Time _____ Samples Relinquished By _____ Date/Time _____							



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRAFORD, CT 06615
(203) 325-1371
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Field Chain-of-Custody Record

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B7D0545

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York Project No. B7D0545

YOUR INFORMATION		Report To:		Invoice To:		YOUR PROJECT ID		Turn-Around Time		Report Type							
Company: <u>LB6</u>	Address: <u>4 Research Dr, Suite 301</u>	Company: <u>Same</u>	Address: <u>Same</u>	Company: <u>Same</u>	Address: <u>Same</u>	YOUR PROJECT ID: <u>Rowe Industries</u>	Turn-Around Time: ☐ RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day	Report Type: ☐ Summary Report ☐ Summary w/ QA Summary ☐ CT RCP Package ☐ CTRCP DQA/DUE Pkg ☐ NY ASP A Package ☐ NY ASP B Package ☐ NJDEP Red. Deliv.									
Contact Person: <u>Tunde Sander</u>	Phone No. <u>203-929-8555</u>	Phone No. <u></u>	Phone No. <u></u>	Phone No. <u></u>	Phone No. <u></u>	Purchase Order No. <u>NABAG-004</u>	Standard (5-7 Days) ☒	Electronic Data Deliverables (EDD) ☐									
E-Mail Address: <u>Sander@lb6.com</u>	E-Mail Address: <u></u>	E-Mail Address: <u></u>	E-Mail Address: <u></u>	E-Mail Address: <u></u>	E-Mail Address: <u></u>	Samples from: CT ☐ NY ☒ NJ ☐											
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. Signature: <u>[Signature]</u> Name (printed): <u>Carlin Foster</u> Samples Collected/Authorized By (Signature): <u>[Signature]</u> Name (printed): <u>James Muller</u>		Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles 8260 full 624 STARS list BTX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		Semi-Vols, Pesticides 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NIDEH list App. IX TCLP BNA SPLP or TCLP		Metals RCRA8 PPI3 list TAL CTI5 list TAGM list NIDEH list Total Dissolved SPLP or TCLP Herb Chlordane 608 Pest 608 PCB		Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO15 Air STARS Air VPH Air TICs Methane Helium		Full Lists Pri. Poll. TCL Ognans TAL MacCN Full TCLP Full App. IX Part 360-Routine Part 360-Baseline Part 360-Equival Part 360-Equival Part 360-Equival NYCDEP Sewer NYCDEP Sewer TAGM Silica		Misc. Corrosivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos Silica		York Regulatory Comparison Excel Spreadsheet Compare to the following Regs. (please fill in):	
Sample Identification		Date/Time Sampled		Sample Matrix		Choose Analyses Needed from the Menu Above and Enter Below		Container Description(s)									
MW-98-01A	9-12-13/11:02	GW	VOCs 8260 full list		9UOAS *												
MW-98-04	9-10-13/17:00				3UOAS												
MW-98-05A	9-12-13/11:33				3UOAS												
MW-98-05B	9-12-13/12:30				3UOAS												
MW-B1	9-12-13/10:22				3UOAS												
MW-B2	9-12-13/9:55				3UOAS												
MW-B3	9-12-13/10:55				3UOAS												
MW-B4	9-12-13/11:25				3UOAS												
N-1B	9-11-13/8:43				3UOAS												
-2B	9-11-13/9:12				3UOAS												
Comments: <u>additional sample volume for site specific MS/MSD</u>		Preservation: ☒ Frozen ☐ HCl ☒ MeOH ☐ HNO₃ ☐ NaOH		Check those Applicable: ☐ Special Instructions ☐ Field Filtered ☐ Lab to Filter		Temperature on Receipt: <u>3.3 °C</u>											



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1370545
York Project No. 1370545

York Project No. 1570546

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