

TABLE 2

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

Effluent Water Quality Results

Date Sampled ^{2/}	pH ^{1/}	TDS (mg/l)	PCE (ug/l)	1,1,1-TCA (ug/l)	TCE (ug/l)	1,1-DCA (ug/l)	1,1-DCE (ug/l)	cis-1,2-DCE (ug/l)	trans-1,2-DCE (ug/l)	Xylene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Methylene Chloride (ug/l)	Freon 113 (ug/l)	Naphthalene (ug/l)	Chloroform (ug/l)	Total Iron (mg/l)	Dissolved Iron (mg/l)
SPDES Limits	5.0 to 8.5	---	5	5	5	5	5	5	5	5	5	5	5	---	10	7	---	---
11-Sep-15	7.0	147	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.87	0.120
21-Sep-15	6.5	156	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	1.99	0.081

SPDES: State Pollutant Discharge Elimination System

mg/l: Milligrams per liter

ug/l: Micrograms per liter

---: Not established

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

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

ND: Not detected

NM: Not Measured

TDS: Total dissolved solids

PCE: Tetrachloroethylene

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

TCE: Trichloroethene

1,1-DCA: 1,1-Dichloroethane

1,1-DCE: 1,1-Dichloroethene

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

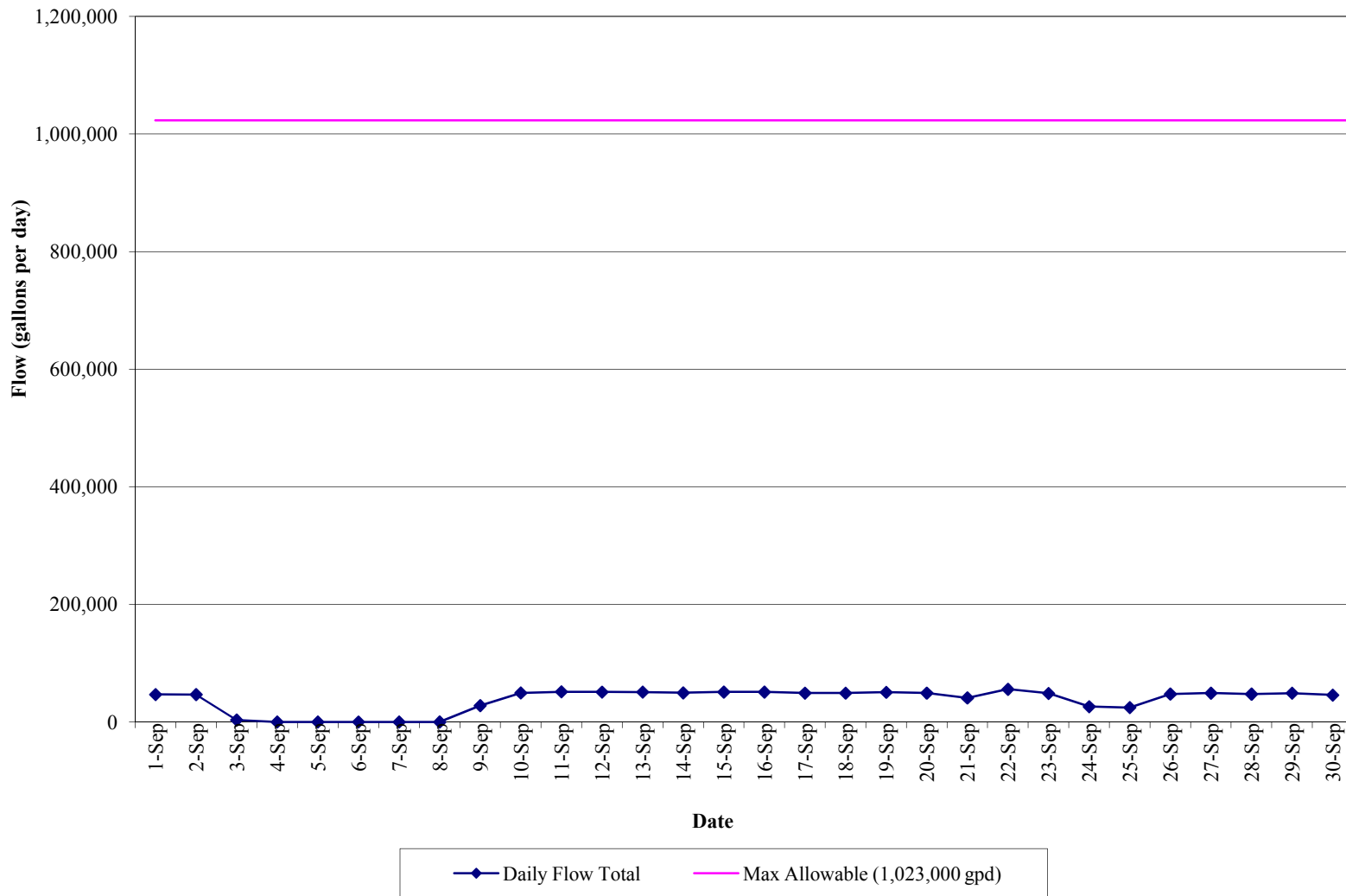
trans-1,2,-DCE: trans-1,2-Dichloroethene

Notes:

1. Based on the SPDES criteria from an NYSDEC letter dated on October 21, 2011, the new allowable pH range for the Rowe Site is between 5.0 and 8.5.
2. "Effluent" samples were collected from sample port labeled NP2-10 unless otherwise noted.

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

**Effluent Flow Data
(September 1, 2015 to September 30, 2015)**



APPENDIX I
SEPTEMBER 2015 LABORATORY ANALYTICAL REPORTS
FOR FSP&T SYSTEM



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 204

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 09/18/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15I0425

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 09/18/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15I0425

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
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 11, 2015 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>
15I0425-01	WQ091115:0915 NP2-6	Water	09/11/2015	09/11/2015
15I0425-02	WQ091115:0920 NP2-7	Water	09/11/2015	09/11/2015
15I0425-03	WQ091115:0925 NP2-10	Water	09/11/2015	09/11/2015

General Notes for York Project (SDG) No.: 15I0425

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: 09/18/2015





Sample Information

Client Sample ID: WQ091115:0915 NP2-6

York Sample ID: 1510425-01

<u>York Project (SDG) No.</u> 1510425	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 11, 2015 9:15 am	<u>Date Received</u> 09/11/2015
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Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS



Sample Information

Client Sample ID: WQ091115:0915 NP2-6

York Sample ID: 1510425-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510425

Rowe Industries

Water

September 11, 2015 9:15 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
75-25-2	Bromoform	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS



Sample Information

Client Sample ID: WQ091115:0915 NP2-6

York Sample ID: 1510425-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510425

Rowe Industries

Water

September 11, 2015 9:15 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 10:15	09/18/2015 02:12	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 10:15	09/18/2015 02:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
127-18-4	Tetrachloroethylene	0.83		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
79-01-6	Trichloroethylene	0.37	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/17/2015 10:15	09/18/2015 02:12	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.6 %			69-130						
2037-26-5	Surrogate: Toluene-d8	98.8 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	101 %			79-122						

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	2.44		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2015 11:43	09/16/2015 02:02	ALD



Sample Information

Client Sample ID: WQ091115:0915 NP2-6

York Sample ID: 1510425-01

<u>York Project (SDG) No.</u> 1510425	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 11, 2015 9:15 am	<u>Date Received</u> 09/11/2015
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Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.0235		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2015 11:04	09/15/2015 21:25	ALD

Sample Information

Client Sample ID: WQ091115:0920 NP2-7

York Sample ID: 1510425-02

<u>York Project (SDG) No.</u> 1510425	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 11, 2015 9:20 am	<u>Date Received</u> 09/11/2015
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Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS



Sample Information

Client Sample ID: WQ091115:0920 NP2-7

York Sample ID: 1510425-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510425

Rowe Industries

Water

September 11, 2015 9:20 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS



Sample Information

Client Sample ID: WQ091115:0920 NP2-7

York Sample ID: 1510425-02

York Project (SDG) No.

1510425

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

September 11, 2015 9:20 am

Date Received

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 17:16	09/18/2015 08:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 17:16	09/18/2015 08:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS



Sample Information

Client Sample ID: WQ091115:0920 NP2-7

York Sample ID: 1510425-02

<u>York Project (SDG) No.</u> 1510425	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 11, 2015 9:20 am	<u>Date Received</u> 09/11/2015
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Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/17/2015 17:16	09/18/2015 08:08	SS
	Surrogate Recoveries	Result						Acceptance Range			
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.4 %						69-130			
2037-26-5	Surrogate: Toluene-d8	100 %						81-117			
460-00-4	Surrogate: p-Bromofluorobenzene	99.5 %						79-122			

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.511		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2015 11:43	09/16/2015 02:07	ALD

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.194		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2015 11:04	09/15/2015 21:30	ALD

Sample Information

Client Sample ID: WQ091115:0925 NP2-10

York Sample ID: 1510425-03

<u>York Project (SDG) No.</u> 1510425	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 11, 2015 9:25 am	<u>Date Received</u> 09/11/2015
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Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS



Sample Information

Client Sample ID: WQ091115:0925 NP2-10

York Sample ID: 1510425-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510425

Rowe Industries

Water

September 11, 2015 9:25 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS



Sample Information

Client Sample ID: WQ091115:0925 NP2-10

York Sample ID: 1510425-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510425

Rowe Industries

Water

September 11, 2015 9:25 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 17:16	09/18/2015 08:35	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 17:16	09/18/2015 08:35	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS



Sample Information

Client Sample ID: WQ091115:0925 NP2-10

York Sample ID: 1510425-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510425

Rowe Industries

Water

September 11, 2015 9:25 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/17/2015 17:16	09/18/2015 08:35	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %			69-130						
2037-26-5	Surrogate: Toluene-d8	99.1 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			79-122						

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.871		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/15/2015 11:43	09/16/2015 02:12	ALD

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.120		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/14/2015 11:04	09/15/2015 21:35	ALD

Total Dissolved Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WQ091115:0925 NP2-10

York Sample ID: 15I0425-03

York Project (SDG) No.
15I0425

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 11, 2015 9:25 am

Date Received
09/11/2015

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	147		mg/L	10.0	10.0	1	SM 2540C Certifications: NELAC-NY10854,CTDOH,NJDEP	09/16/2015 14:21	09/17/2015 17:39	AA



Analytical Batch Summary

Batch ID: BI50622 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15I0425-01	WQ091115:0915 NP2-6	09/14/15
15I0425-02	WQ091115:0920 NP2-7	09/14/15
15I0425-03	WQ091115:0925 NP2-10	09/14/15
BI50622-BLK1	Blank	09/14/15
BI50622-SRM1	Reference	09/14/15

Batch ID: BI50697 **Preparation Method:** EPA 200.7 **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15I0425-01	WQ091115:0915 NP2-6	09/15/15
15I0425-02	WQ091115:0920 NP2-7	09/15/15
15I0425-03	WQ091115:0925 NP2-10	09/15/15
BI50697-BLK1	Blank	09/15/15
BI50697-SRM1	Reference	09/15/15

Batch ID: BI50787 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
15I0425-03	WQ091115:0925 NP2-10	09/16/15
BI50787-BLK1	Blank	09/16/15

Batch ID: BI50840 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15I0425-01	WQ091115:0915 NP2-6	09/17/15
BI50840-BLK1	Blank	09/17/15
BI50840-BS1	LCS	09/17/15
BI50840-BSD1	LCS Dup	09/17/15

Batch ID: BI50870 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15I0425-02	WQ091115:0920 NP2-7	09/17/15
15I0425-03	WQ091115:0925 NP2-10	09/17/15
BI50870-BLK1	Blank	09/17/15
BI50870-BS1	LCS	09/17/15
BI50870-BSD1	LCS Dup	09/17/15



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
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Batch BI50840 - EPA 5030B

Blank (BI50840-BLK1)

Prepared & Analyzed: 09/17/2015

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	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	2.0	"								
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	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					RPD	

Batch BI50840 - EPA 5030B

Blank (BI50840-BLK1)

Prepared & Analyzed: 09/17/2015

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>9.80</i>		<i>"</i>	<i>10.0</i>		<i>98.0</i>		<i>69-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>		<i>81-117</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>		<i>105</i>		<i>79-122</i>			

LCS (BI50840-BS1)

Prepared & Analyzed: 09/17/2015

1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102		82-126			
1,1,1-Trichloroethane	10.2		"	10.0		102		78-136			
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110		76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104		54-165			
1,1,2-Trichloroethane	10.4		"	10.0		104		82-123			
1,1-Dichloroethane	10.6		"	10.0		106		82-129			
1,1-Dichloroethylene	10.6		"	10.0		106		68-138			
1,1-Dichloropropylene	10.4		"	10.0		104		83-133			
1,2,3-Trichlorobenzene	10.6		"	10.0		106		76-136			
1,2,3-Trichloropropane	10.9		"	10.0		109		77-128			
1,2,4-Trichlorobenzene	10.5		"	10.0		105		76-137			
1,2,4-Trimethylbenzene	10.9		"	10.0		109		82-132			
1,2-Dibromo-3-chloropropane	9.89		"	10.0		98.9		45-147			
1,2-Dibromoethane	10.4		"	10.0		104		83-124			
1,2-Dichlorobenzene	10.5		"	10.0		105		79-123			
1,2-Dichloroethane	10.4		"	10.0		104		73-132			
1,2-Dichloropropane	10.4		"	10.0		104		78-126			
1,3,5-Trimethylbenzene	11.0		"	10.0		110		80-131			
1,3-Dichlorobenzene	10.6		"	10.0		106		86-122			
1,3-Dichloropropane	10.4		"	10.0		104		81-125			
1,4-Dichlorobenzene	10.6		"	10.0		106		85-124			
2,2-Dichloropropane	10.2		"	10.0		102		56-150			
2-Chlorotoluene	10.9		"	10.0		109		79-130			
2-Hexanone	10.6		"	10.0		106		51-146			
4-Chlorotoluene	10.8		"	10.0		108		79-128			
Acetone	9.34		"	10.0		93.4		14-150			
Benzene	10.5		"	10.0		105		85-126			
Bromobenzene	10.9		"	10.0		109		78-129			
Bromochloromethane	10.3		"	10.0		103		77-128			
Bromodichloromethane	10.3		"	10.0		103		79-128			
Bromoform	10.2		"	10.0		102		78-133			
Bromomethane	12.3		"	10.0		123		43-168			
Carbon tetrachloride	10.5		"	10.0		105		77-141			
Chlorobenzene	10.4		"	10.0		104		88-120			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50840 - EPA 5030B

LCS (BI50840-BS1)

Prepared & Analyzed: 09/17/2015

Chloroethane	10.3		ug/L	10.0		103	65-136						
Chloroform	10.4		"	10.0		104	82-128						
Chloromethane	9.48		"	10.0		94.8	43-155						
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129						
cis-1,3-Dichloropropylene	10.6		"	10.0		106	80-131						
Dibromochloromethane	10.4		"	10.0		104	80-130						
Dibromomethane	10.5		"	10.0		105	72-134						
Dichlorodifluoromethane	11.2		"	10.0		112	44-144						
Ethyl Benzene	10.7		"	10.0		107	80-131						
Hexachlorobutadiene	10.4		"	10.0		104	67-146						
Isopropylbenzene	11.0		"	10.0		110	76-140						
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	76-135						
Methylene chloride	9.64		"	10.0		96.4	55-137						
Naphthalene	10.5		"	10.0		105	70-147						
n-Butylbenzene	10.6		"	10.0		106	79-132						
n-Propylbenzene	11.1		"	10.0		111	78-133						
o-Xylene	10.7		"	10.0		107	78-130						
p- & m- Xylenes	21.5		"	20.0		108	77-133						
p-Isopropyltoluene	10.7		"	10.0		107	81-136						
sec-Butylbenzene	10.9		"	10.0		109	79-137						
Styrene	10.6		"	10.0		106	67-132						
tert-Butylbenzene	10.8		"	10.0		108	77-138						
Tetrachloroethylene	10.1		"	10.0		101	82-131						
Toluene	10.5		"	10.0		105	80-127						
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132						
trans-1,3-Dichloropropylene	10.7		"	10.0		107	78-131						
Trichloroethylene	10.2		"	10.0		102	82-128						
Trichlorofluoromethane	10.3		"	10.0		103	67-139						
Vinyl Chloride	10.8		"	10.0		108	58-145						
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.73</i>		<i>"</i>	<i>10.0</i>		<i>97.3</i>	<i>69-130</i>						
<i>Surrogate: Toluene-d8</i>	<i>9.94</i>		<i>"</i>	<i>10.0</i>		<i>99.4</i>	<i>81-117</i>						
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>79-122</i>						



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
Batch BI50840 - EPA 5030B										
LCS Dup (BI50840-BSD1)										
Prepared & Analyzed: 09/17/2015										
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126		2.13	30
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136		3.39	30
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-129		1.09	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	54-165		1.14	30
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123		0.574	30
1,1-Dichloroethane	10.8		"	10.0		108	82-129		1.86	30
1,1-Dichloroethylene	10.9		"	10.0		109	68-138		2.51	30
1,1-Dichloropropylene	10.6		"	10.0		106	83-133		1.05	30
1,2,3-Trichlorobenzene	10.3		"	10.0		103	76-136		2.11	30
1,2,3-Trichloropropane	10.9		"	10.0		109	77-128		0.0914	30
1,2,4-Trichlorobenzene	10.5		"	10.0		105	76-137		0.381	30
1,2,4-Trimethylbenzene	11.0		"	10.0		110	82-132		1.64	30
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	45-147		1.51	30
1,2-Dibromoethane	10.6		"	10.0		106	83-124		1.33	30
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		0.763	30
1,2-Dichloroethane	10.4		"	10.0		104	73-132		0.192	30
1,2-Dichloropropane	10.6		"	10.0		106	78-126		2.00	30
1,3,5-Trimethylbenzene	11.2		"	10.0		112	80-131		1.89	30
1,3-Dichlorobenzene	10.7		"	10.0		107	86-122		0.843	30
1,3-Dichloropropane	10.5		"	10.0		105	81-125		1.63	30
1,4-Dichlorobenzene	10.8		"	10.0		108	85-124		1.12	30
2,2-Dichloropropane	10.2		"	10.0		102	56-150		0.490	30
2-Chlorotoluene	11.2		"	10.0		112	79-130		2.53	30
2-Hexanone	10.4		"	10.0		104	51-146		2.38	30
4-Chlorotoluene	11.1		"	10.0		111	79-128		2.92	30
Acetone	10.1		"	10.0		101	14-150		7.92	30
Benzene	10.8		"	10.0		108	85-126		2.35	30
Bromobenzene	10.9		"	10.0		109	78-129		0.0917	30
Bromochloromethane	10.8		"	10.0		108	77-128		4.73	30
Bromodichloromethane	10.6		"	10.0		106	79-128		2.40	30
Bromoform	10.3		"	10.0		103	78-133		1.37	30
Bromomethane	14.4		"	10.0		144	43-168		15.6	30
Carbon tetrachloride	10.7		"	10.0		107	77-141		1.98	30
Chlorobenzene	10.6		"	10.0		106	88-120		2.38	30
Chloroethane	10.7		"	10.0		107	65-136		3.72	30
Chloroform	10.6		"	10.0		106	82-128		1.43	30
Chloromethane	10.0		"	10.0		100	43-155		5.84	30
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129		3.13	30
cis-1,3-Dichloropropylene	10.8		"	10.0		108	80-131		1.31	30
Dibromochloromethane	10.6		"	10.0		106	80-130		2.38	30
Dibromomethane	10.7		"	10.0		107	72-134		1.51	30
Dichlorodifluoromethane	11.6		"	10.0		116	44-144		3.78	30
Ethyl Benzene	10.9		"	10.0		109	80-131		2.04	30
Hexachlorobutadiene	10.5		"	10.0		105	67-146		1.15	30
Isopropylbenzene	11.2		"	10.0		112	76-140		1.99	30
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	76-135		1.11	30
Methylene chloride	9.83		"	10.0		98.3	55-137		1.95	30
Naphthalene	10.1		"	10.0		101	70-147		3.21	30
n-Butylbenzene	10.9		"	10.0		109	79-132		3.07	30
n-Propylbenzene	11.3		"	10.0		113	78-133		1.60	30
o-Xylene	10.7		"	10.0		107	78-130		0.00	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
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Batch BI50840 - EPA 5030B

LCS Dup (BI50840-BSD1)

Prepared & Analyzed: 09/17/2015

p- & m- Xylenes	21.9		ug/L	20.0		109	77-133		1.66	30	
p-Isopropyltoluene	10.9		"	10.0		109	81-136		1.76	30	
sec-Butylbenzene	11.1		"	10.0		111	79-137		2.00	30	
Styrene	10.7		"	10.0		107	67-132		1.50	30	
tert-Butylbenzene	10.9		"	10.0		109	77-138		0.277	30	
Tetrachloroethylene	10.3		"	10.0		103	82-131		1.57	30	
Toluene	10.6		"	10.0		106	80-127		1.33	30	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-132		2.40	30	
trans-1,3-Dichloropropylene	10.7		"	10.0		107	78-131		0.373	30	
Trichloroethylene	10.7		"	10.0		107	82-128		4.51	30	
Trichlorofluoromethane	10.5		"	10.0		105	67-139		2.01	30	
Vinyl Chloride	10.8		"	10.0		108	58-145		0.371	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.73</i>		<i>"</i>	<i>10.0</i>		<i>97.3</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>79-122</i>				

Batch BI50870 - EPA 5030B

Blank (BI50870-BLK1)

Prepared: 09/17/2015 Analyzed: 09/18/2015

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	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	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50870 - EPA 5030B

Blank (BI50870-BLK1)

Prepared: 09/17/2015 Analyzed: 09/18/2015

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	"								
<hr/>											
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.62		"	10.0		96.2	69-130				
<i>Surrogate: Toluene-d8</i>	9.96		"	10.0		99.6	81-117				
<i>Surrogate: p-Bromofluorobenzene</i>	10.4		"	10.0		104	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50870 - EPA 5030B

LCS (BI50870-BS1)

Prepared: 09/17/2015 Analyzed: 09/18/2015

1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126			
1,1,1-Trichloroethane	10.1		"	10.0		101	78-136			
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	54-165			
1,1,2-Trichloroethane	10.3		"	10.0		103	82-123			
1,1-Dichloroethane	11.2		"	10.0		112	82-129			
1,1-Dichloroethylene	11.4		"	10.0		114	68-138			
1,1-Dichloropropylene	10.4		"	10.0		104	83-133			
1,2,3-Trichlorobenzene	9.76		"	10.0		97.6	76-136			
1,2,3-Trichloropropane	5.31		"	10.0		53.1	77-128	Low Bias		
1,2,4-Trichlorobenzene	9.83		"	10.0		98.3	76-137			
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132			
1,2-Dibromo-3-chloropropane	9.62		"	10.0		96.2	45-147			
1,2-Dibromoethane	10.2		"	10.0		102	83-124			
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123			
1,2-Dichloroethane	10.4		"	10.0		104	73-132			
1,2-Dichloropropane	10.2		"	10.0		102	78-126			
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131			
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122			
1,3-Dichloropropane	10.3		"	10.0		103	81-125			
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124			
2,2-Dichloropropane	6.48		"	10.0		64.8	56-150			
2-Chlorotoluene	10.2		"	10.0		102	79-130			
2-Hexanone	10.1		"	10.0		101	51-146			
4-Chlorotoluene	10.3		"	10.0		103	79-128			
Acetone	11.7		"	10.0		117	14-150			
Benzene	10.7		"	10.0		107	85-126			
Bromobenzene	10.2		"	10.0		102	78-129			
Bromochloromethane	10.3		"	10.0		103	77-128			
Bromodichloromethane	9.99		"	10.0		99.9	79-128			
Bromoform	10.2		"	10.0		102	78-133			
Bromomethane	8.68		"	10.0		86.8	43-168			
Carbon tetrachloride	10.6		"	10.0		106	77-141			
Chlorobenzene	10.3		"	10.0		103	88-120			
Chloroethane	10.8		"	10.0		108	65-136			
Chloroform	10.4		"	10.0		104	82-128			
Chloromethane	8.22		"	10.0		82.2	43-155			
cis-1,2-Dichloroethylene	10.0		"	10.0		100	83-129			
cis-1,3-Dichloropropylene	9.90		"	10.0		99.0	80-131			
Dibromochloromethane	10.4		"	10.0		104	80-130			
Dibromomethane	10.3		"	10.0		103	72-134			
Dichlorodifluoromethane	10.6		"	10.0		106	44-144			
Ethyl Benzene	10.5		"	10.0		105	80-131			
Hexachlorobutadiene	9.16		"	10.0		91.6	67-146			
Isopropylbenzene	10.3		"	10.0		103	76-140			
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	76-135			
Methylene chloride	10.5		"	10.0		105	55-137			
Naphthalene	10.0		"	10.0		100	70-147			
n-Butylbenzene	9.87		"	10.0		98.7	79-132			
n-Propylbenzene	10.4		"	10.0		104	78-133			
o-Xylene	10.5		"	10.0		105	78-130			



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
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Batch BI50870 - EPA 5030B

LCS (BI50870-BS1)

Prepared: 09/17/2015 Analyzed: 09/18/2015

p- & m- Xylenes	21.0		ug/L	20.0		105	77-133				
p-Isopropyltoluene	9.98		"	10.0		99.8	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	10.4		"	10.0		104	67-132				
tert-Butylbenzene	10.2		"	10.0		102	77-138				
Tetrachloroethylene	9.76		"	10.0		97.6	82-131				
Toluene	10.4		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	11.5		"	10.0		115	80-132				
trans-1,3-Dichloropropylene	9.83		"	10.0		98.3	78-131				
Trichloroethylene	9.90		"	10.0		99.0	82-128				
Trichlorofluoromethane	10.1		"	10.0		101	67-139				
Vinyl Chloride	11.0		"	10.0		110	58-145				
Surrogate: 1,2-Dichloroethane-d4	9.82		"	10.0		98.2	69-130				
Surrogate: Toluene-d8	9.96		"	10.0		99.6	81-117				
Surrogate: p-Bromofluorobenzene	9.95		"	10.0		99.5	79-122				

LCS Dup (BI50870-BSD1)

Prepared: 09/17/2015 Analyzed: 09/18/2015

1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126		1.96	30	
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136		3.22	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129		0.658	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	54-165		8.92	30	
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123		1.82	30	
1,1-Dichloroethane	11.4		"	10.0		114	82-129		1.85	30	
1,1-Dichloroethylene	11.7		"	10.0		117	68-138		2.69	30	
1,1-Dichloropropylene	10.7		"	10.0		107	83-133		2.95	30	
1,2,3-Trichlorobenzene	9.83		"	10.0		98.3	76-136		0.715	30	
1,2,3-Trichloropropane	10.8		"	10.0		108	77-128		68.6	30	Non-dir.
1,2,4-Trichlorobenzene	9.95		"	10.0		99.5	76-137		1.21	30	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		2.69	30	
1,2-Dibromo-3-chloropropane	9.62		"	10.0		96.2	45-147		0.00	30	
1,2-Dibromoethane	10.3		"	10.0		103	83-124		0.489	30	
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123		0.890	30	
1,2-Dichloroethane	10.4		"	10.0		104	73-132		0.576	30	
1,2-Dichloropropane	10.1		"	10.0		101	78-126		0.492	30	
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131		3.22	30	
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122		1.87	30	
1,3-Dichloropropane	10.6		"	10.0		106	81-125		2.39	30	
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124		1.77	30	
2,2-Dichloropropane	6.32		"	10.0		63.2	56-150		2.50	30	
2-Chlorotoluene	10.6		"	10.0		106	79-130		3.83	30	
2-Hexanone	10.5		"	10.0		105	51-146		3.69	30	
4-Chlorotoluene	10.5		"	10.0		105	79-128		2.02	30	
Acetone	12.0		"	10.0		120	14-150		2.29	30	
Benzene	10.8		"	10.0		108	85-126		1.30	30	
Bromobenzene	10.5		"	10.0		105	78-129		2.51	30	
Bromochloromethane	10.3		"	10.0		103	77-128		0.485	30	
Bromodichloromethane	10.3		"	10.0		103	79-128		3.25	30	
Bromoform	10.6		"	10.0		106	78-133		3.37	30	
Bromomethane	10.5		"	10.0		105	43-168		18.7	30	
Carbon tetrachloride	10.8		"	10.0		108	77-141		2.71	30	
Chlorobenzene	10.4		"	10.0		104	88-120		0.776	30	
Chloroethane	10.8		"	10.0		108	65-136		0.186	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
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Batch BI50870 - EPA 5030B

LCS Dup (BI50870-BSD1)

Prepared: 09/17/2015 Analyzed: 09/18/2015

Chloroform	10.5		ug/L	10.0		105	82-128		1.05	30	
Chloromethane	8.59		"	10.0		85.9	43-155		4.40	30	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129		0.993	30	
cis-1,3-Dichloropropylene	9.82		"	10.0		98.2	80-131		0.811	30	
Dibromochloromethane	10.6		"	10.0		106	80-130		2.00	30	
Dibromomethane	10.2		"	10.0		102	72-134		1.46	30	
Dichlorodifluoromethane	11.9		"	10.0		119	44-144		10.8	30	
Ethyl Benzene	10.7		"	10.0		107	80-131		1.79	30	
Hexachlorobutadiene	9.69		"	10.0		96.9	67-146		5.62	30	
Isopropylbenzene	10.7		"	10.0		107	76-140		3.63	30	
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	76-135		0.263	30	
Methylene chloride	10.4		"	10.0		104	55-137		1.43	30	
Naphthalene	9.86		"	10.0		98.6	70-147		1.71	30	
n-Butylbenzene	10.3		"	10.0		103	79-132		4.36	30	
n-Propylbenzene	10.8		"	10.0		108	78-133		3.95	30	
o-Xylene	10.6		"	10.0		106	78-130		1.61	30	
p- & m- Xylenes	21.5		"	20.0		108	77-133		2.30	30	
p-Isopropyltoluene	10.3		"	10.0		103	81-136		3.45	30	
sec-Butylbenzene	10.6		"	10.0		106	79-137		3.08	30	
Styrene	10.6		"	10.0		106	67-132		1.81	30	
tert-Butylbenzene	10.6		"	10.0		106	77-138		3.46	30	
Tetrachloroethylene	10.0		"	10.0		100	82-131		2.43	30	
Toluene	10.6		"	10.0		106	80-127		1.91	30	
trans-1,2-Dichloroethylene	11.4		"	10.0		114	80-132		0.262	30	
trans-1,3-Dichloropropylene	9.86		"	10.0		98.6	78-131		0.305	30	
Trichloroethylene	10.1		"	10.0		101	82-128		2.10	30	
Trichlorofluoromethane	10.8		"	10.0		108	67-139		5.84	30	
Vinyl Chloride	11.2		"	10.0		112	58-145		2.07	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.96		"	10.0		99.6	69-130				
<i>Surrogate: Toluene-d8</i>	9.90		"	10.0		99.0	81-117				
<i>Surrogate: p-Bromofluorobenzene</i>	9.99		"	10.0		99.9	79-122				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result	Limits		Limit			
Batch BI50622 - EPA 3015A											
Blank (BI50622-BLK1)										Prepared: 09/14/2015 Analyzed: 09/15/2015	
Iron - Dissolved	ND	0.0200	mg/L								
Reference (BI50622-SRM1)										Prepared: 09/14/2015 Analyzed: 09/15/2015	
Iron - Dissolved	1.96		ug/mL	2.12		92.6		85-115			
Batch BI50697 - EPA 200.7											
Blank (BI50697-BLK1)										Prepared: 09/15/2015 Analyzed: 09/16/2015	
Iron	ND	0.0200	mg/L								
Reference (BI50697-SRM1)										Prepared: 09/15/2015 Analyzed: 09/16/2015	
Iron	2.00		ug/mL	2.12		94.2		85-115			



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI50787 - % Solids Prep

Blank (BI50787-BLK1)

Prepared: 09/16/2015 Analyzed: 09/17/2015

Total Dissolved Solids	ND	10.0	mg/L								
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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15I0425-01	WQ091115:0915 NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15I0425-02	WQ091115:0920 NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15I0425-03	WQ091115:0925 NP2-10	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/LOD) or in the case of a TIC, the result is an estimated concentration.
<hr/>	
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



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

Field Chain-of-Custody Record

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

York Project No. 1510425

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: <u>LBG</u>	SAME <input checked="" type="checkbox"/>	SAME <input checked="" type="checkbox"/>	<u>Rowe Industries</u>	RUSH-Same Day _____	Summary Report <u>X, PDF</u>
Address: <u>4 Research Drive</u>	Name: _____	Name: _____	<u>Purchase Order #</u>	RUSH-Next Day _____	QA Report <u>X, PDF</u>
<u>Suite 301, Shelton CT 06484</u>	Company: _____	Company: _____	<u>NABSAG</u>	RUSH-Two Day _____	CT RCP _____
Phone.: <u>203.929.8555</u>	Address: _____	Address: _____	<u>Samples from CT_NY_X_NJ_</u>	RUSH-Three Day _____	CT RCP DOA/DUE Pkg _____
Contact: <u>Tunde Sandor</u>	E-mail: _____	E-mail: _____		RUSH-Four Day _____	NY ASP A Package _____
E-mail: <u>Tsandor@lbct.com</u>				Standard (5-7day) X	NY ASP B Package <u>X, PDF</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.

Volatiles	Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	
8260 full 624 STARS list BTEX	TICs Site Spec. Nassau Co. Suffolk Co.	8270 or 625 STARS list BN Only Acids Only	8082PCB 8081Pest 8151Herb CT RCP	RCRA8 PPL3 list TAL CT15 list TAGM list NJDEP list Total Dissolved SPLPoTCLP Indic Metals LIST Below	TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium	Pri.Poll. TCL Organics TALMetCN Full TCLP Full App IX Part360-Pestic Part360-Basins Part360-Residual Part360-Residual NYCDEP Sewer NYCDEP Sewer TAGM

NJDEP Reduced Deliv	Excel <u>X</u>
NYSDEC EQUIS	_____
NJDEP SRP HazSite	_____
EQUIS	_____
GIS/KEY (std)	_____
YORK Regulatory Comp Excel	_____
compared to:	_____
OTHER:	_____

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 (Signature)
Tunde Komuves-Sandor
Name (printed)

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
<u>WQ091115-0915 NP2-6</u>	<u>9.11.15 915</u>	<u>GW</u>	Fe by EPA 200.7; Fe dissolved by EPA 6010; VOCs 8260 full plus freon 113	<u>3V 2.25m</u>
<u>WQ091115-0920 NP2-7</u>	<u>920</u>	<u>↓</u>	Fe by EPA 200.7; Fe dissolved by EPA 6010; VOCs 8260 full plus freon 113	<u>↓</u>
<u>WQ091115-0925 NP2-10</u>	<u>925</u>	<u>↓</u>	Fe by EPA 200.7; Fe dissolved by EPA 6010; VOCs 8260 full plus freon 113; TDS	<u>3V 3.25m</u>

Comments: _____

Preservation (check all applicable): 4°C _____ Frozen _____ HCl MeOH _____ HNO₃ H₂SO₄ _____ NaOH _____
ZnAc _____ Ascorbic Acid _____ Other _____

Special Instructions: _____
Field Filtered
Lab to Filter

Samples Relinquished By: [Signature] Date/Time: 9.11.15 1440

Samples Relinquished By: _____ Date/Time: _____

Samples Received By: TC Kibel Date/Time: 9/11/15 1440

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

Temperature on Receipt: 4.7°C



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 204

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 09/30/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15I0795

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 09/30/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15I0795

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
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 23, 2015 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>
15I0795-01	WQ092115: 1200 NP2-6	Water	09/21/2015	09/23/2015
15I0795-02	WQ092115: 1205 NP2-7	Water	09/21/2015	09/23/2015
15I0796-01	WQ092115: 1210 NP2-10	Water	09/21/2015	09/23/2015

General Notes for York Project (SDG) No.: 15I0795

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: 09/30/2015





Sample Information

Client Sample ID: WQ092115: 1200 NP2-6

York Sample ID: 1510795-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
1510795	Rowe Industries	Water	September 21, 2015 3:00 pm	09/23/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS



Sample Information

Client Sample ID: WQ092115: 1200 NP2-6

York Sample ID: 1510795-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510795

Rowe Industries

Water

September 21, 2015 3:00 pm

09/23/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
156-59-2	cis-1,2-Dichloroethylene	0.25	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS



Sample Information

Client Sample ID: WQ092115: 1200 NP2-6

York Sample ID: 1510795-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510795

Rowe Industries

Water

September 21, 2015 3:00 pm

09/23/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/29/2015 08:38	09/29/2015 18:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/29/2015 08:38	09/29/2015 18:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
127-18-4	Tetrachloroethylene	0.81		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
79-01-6	Trichloroethylene	0.38	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/29/2015 08:38	09/29/2015 18:40	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			69-130						
2037-26-5	Surrogate: Toluene-d8	105 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	98.5 %			79-122						

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	2.02		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/24/2015 10:34	09/25/2015 00:56	ALD



Sample Information

Client Sample ID: WQ092115: 1200 NP2-6

York Sample ID: 1510795-01

<u>York Project (SDG) No.</u> 1510795	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 21, 2015 3:00 pm	<u>Date Received</u> 09/23/2015
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Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.102		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/29/2015 13:45	09/29/2015 21:50	ALD

Sample Information

Client Sample ID: WQ092115: 1205 NP2-7

York Sample ID: 1510795-02

<u>York Project (SDG) No.</u> 1510795	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 21, 2015 3:00 pm	<u>Date Received</u> 09/23/2015
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Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS



Sample Information

Client Sample ID: WQ092115: 1205 NP2-7

York Sample ID: 1510795-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510795

Rowe Industries

Water

September 21, 2015 3:00 pm

09/23/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS



Sample Information

Client Sample ID: WQ092115: 1205 NP2-7

York Sample ID: 1510795-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510795

Rowe Industries

Water

September 21, 2015 3:00 pm

09/23/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/29/2015 08:38	09/29/2015 19:14	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/29/2015 08:38	09/29/2015 19:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS



Sample Information

Client Sample ID: WQ092115: 1205 NP2-7

York Sample ID: 1510795-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510795

Rowe Industries

Water

September 21, 2015 3:00 pm

09/23/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/29/2015 08:38	09/29/2015 19:14	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			69-130						
2037-26-5	Surrogate: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	97.2 %			79-122						

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	1.53		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/24/2015 10:34	09/25/2015 01:13	ALD

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.190		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/29/2015 13:45	09/29/2015 22:09	ALD

Sample Information

Client Sample ID: WQ092115: 1210 NP2-10

York Sample ID: 1510796-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510796

Rowe Industries Site

Water

September 21, 2015 12:00 am

09/23/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS



Sample Information

Client Sample ID: WQ092115: 1210 NP2-10

York Sample ID: 1510796-01

York Project (SDG) No.

1510796

Client Project ID

Rowe Industries Site

Matrix

Water

Collection Date/Time

September 21, 2015 12:00 am

Date Received

09/23/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS



Sample Information

Client Sample ID: WQ092115: 1210 NP2-10

York Sample ID: 1510796-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510796

Rowe Industries Site

Water

September 21, 2015 12:00 am

09/23/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/29/2015 08:38	09/29/2015 19:47	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/29/2015 08:38	09/29/2015 19:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS



Sample Information

Client Sample ID: WQ092115: 1210 NP2-10

York Sample ID: 1510796-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510796

Rowe Industries Site

Water

September 21, 2015 12:00 am

09/23/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/29/2015 08:38	09/29/2015 19:47	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			69-130						
2037-26-5	Surrogate: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	95.9 %			79-122						

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	1.99		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/25/2015 07:00	09/25/2015 09:24	ALD

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.0807		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/29/2015 13:45	09/29/2015 22:14	ALD

Total Dissolved Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WQ092115: 1210 NP2-10

York Sample ID: 1510796-01

York Project (SDG) No.
1510796

Client Project ID
Rowe Industries Site

Matrix
Water

Collection Date/Time
September 21, 2015 12:00 am

Date Received
09/23/2015

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	156		mg/L	10.0	10.0	1	SM 2540C	09/25/2015 15:55	09/25/2015 15:55	AA
Certifications:									NELAC-NY10854,CTDOH,NJDEP		



Analytical Batch Summary

Batch ID: BI51216 **Preparation Method:** EPA 200.7 **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15I0795-01	WQ092115: 1200 NP2-6	09/24/15
15I0795-02	WQ092115: 1205 NP2-7	09/24/15
BI51216-BLK1	Blank	09/24/15
BI51216-SRM1	Reference	09/24/15

Batch ID: BI51254 **Preparation Method:** EPA 200.7 **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15I0796-01	WQ092115: 1210 NP2-10	09/25/15
BI51254-BLK1	Blank	09/25/15
BI51254-DUP1	Duplicate	09/25/15
BI51254-MS1	Matrix Spike	09/25/15
BI51254-SRM1	Reference	09/25/15

Batch ID: BI51293 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
15I0796-01	WQ092115: 1210 NP2-10	09/25/15
BI51293-BLK1	Blank	09/25/15

Batch ID: BI51382 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15I0795-01	WQ092115: 1200 NP2-6	09/29/15
15I0795-02	WQ092115: 1205 NP2-7	09/29/15
15I0796-01	WQ092115: 1210 NP2-10	09/29/15
BI51382-BLK1	Blank	09/29/15
BI51382-BS1	LCS	09/29/15
BI51382-BSD1	LCS Dup	09/29/15

Batch ID: BI51422 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15I0795-01	WQ092115: 1200 NP2-6	09/29/15
15I0795-02	WQ092115: 1205 NP2-7	09/29/15
15I0796-01	WQ092115: 1210 NP2-10	09/29/15
BI51422-BLK1	Blank	09/29/15
BI51422-DUP1	Duplicate	09/29/15
BI51422-MS1	Matrix Spike	09/29/15
BI51422-SRM1	Reference	09/29/15



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
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Batch BI51382 - EPA 5030B

Blank (BI51382-BLK1)

Prepared & Analyzed: 09/29/2015

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	0.40	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	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
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Batch BI51382 - EPA 5030B

Blank (BI51382-BLK1)

Prepared & Analyzed: 09/29/2015

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

10.3

"

10.0

103

69-130

Surrogate: Toluene-d8

10.6

"

10.0

106

81-117

Surrogate: p-Bromofluorobenzene

9.65

"

10.0

96.5

79-122

LCS (BI51382-BS1)

Prepared & Analyzed: 09/29/2015

1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126				
1,1,1-Trichloroethane	10.3		"	10.0		103	78-136				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	54-165				
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123				
1,1-Dichloroethane	10.8		"	10.0		108	82-129				
1,1-Dichloroethylene	10.2		"	10.0		102	68-138				
1,1-Dichloropropylene	10.4		"	10.0		104	83-133				
1,2,3-Trichlorobenzene	10.4		"	10.0		104	76-136				
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	76-137				
1,2,4-Trimethylbenzene	11.0		"	10.0		110	82-132				
1,2-Dibromo-3-chloropropane	9.60		"	10.0		96.0	45-147				
1,2-Dibromoethane	10.2		"	10.0		102	83-124				
1,2-Dichlorobenzene	10.7		"	10.0		107	79-123				
1,2-Dichloroethane	10.3		"	10.0		103	73-132				
1,2-Dichloropropane	10.3		"	10.0		103	78-126				
1,3,5-Trimethylbenzene	10.9		"	10.0		109	80-131				
1,3-Dichlorobenzene	10.9		"	10.0		109	86-122				
1,3-Dichloropropane	10.3		"	10.0		103	81-125				
1,4-Dichlorobenzene	10.7		"	10.0		107	85-124				
2,2-Dichloropropane	10.6		"	10.0		106	56-150				
2-Chlorotoluene	10.8		"	10.0		108	79-130				
2-Hexanone	10.2		"	10.0		102	51-146				
4-Chlorotoluene	10.7		"	10.0		107	79-128				
Acetone	7.97		"	10.0		79.7	14-150				
Benzene	10.6		"	10.0		106	85-126				
Bromobenzene	10.5		"	10.0		105	78-129				
Bromochloromethane	10.8		"	10.0		108	77-128				
Bromodichloromethane	10.2		"	10.0		102	79-128				
Bromoform	10.1		"	10.0		101	78-133				
Bromomethane	7.91		"	10.0		79.1	43-168				
Carbon tetrachloride	10.3		"	10.0		103	77-141				
Chlorobenzene	10.6		"	10.0		106	88-120				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI51382 - EPA 5030B

LCS (BI51382-BS1)

Prepared & Analyzed: 09/29/2015

Chloroethane	11.2		ug/L	10.0		112	65-136						
Chloroform	10.6		"	10.0		106	82-128						
Chloromethane	10.8		"	10.0		108	43-155						
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129						
cis-1,3-Dichloropropylene	9.67		"	10.0		96.7	80-131						
Dibromochloromethane	10.2		"	10.0		102	80-130						
Dibromomethane	10.3		"	10.0		103	72-134						
Dichlorodifluoromethane	11.3		"	10.0		113	44-144						
Ethyl Benzene	10.7		"	10.0		107	80-131						
Hexachlorobutadiene	10.7		"	10.0		107	67-146						
Isopropylbenzene	10.9		"	10.0		109	76-140						
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	76-135						
Methylene chloride	10.6		"	10.0		106	55-137						
Naphthalene	10.2		"	10.0		102	70-147						
n-Butylbenzene	11.0		"	10.0		110	79-132						
n-Propylbenzene	10.9		"	10.0		109	78-133						
o-Xylene	10.9		"	10.0		109	78-130						
p- & m- Xylenes	22.2		"	20.0		111	77-133						
p-Isopropyltoluene	11.2		"	10.0		112	81-136						
sec-Butylbenzene	10.9		"	10.0		109	79-137						
Styrene	11.9		"	10.0		119	67-132						
tert-Butylbenzene	10.9		"	10.0		109	77-138						
Tetrachloroethylene	10.5		"	10.0		105	82-131						
Toluene	10.8		"	10.0		108	80-127						
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132						
trans-1,3-Dichloropropylene	9.71		"	10.0		97.1	78-131						
Trichloroethylene	10.3		"	10.0		103	82-128						
Trichlorofluoromethane	11.1		"	10.0		111	67-139						
Vinyl Chloride	11.0		"	10.0		110	58-145						
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>69-130</i>						
<i>Surrogate: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>81-117</i>						
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>79-122</i>						



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
Batch BI51382 - EPA 5030B										
LCS Dup (BI51382-bsd1)										
Prepared & Analyzed: 09/29/2015										
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0	106	106	82-126		1.43	30
1,1,1-Trichloroethane	10.4		"	10.0	104	104	78-136		0.484	30
1,1,2,2-Tetrachloroethane	10.5		"	10.0	105	105	76-129		0.850	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0	105	105	54-165		1.79	30
1,1,2-Trichloroethane	10.5		"	10.0	105	105	82-123		0.0953	30
1,1-Dichloroethane	10.9		"	10.0	109	109	82-129		0.923	30
1,1-Dichloroethylene	10.4		"	10.0	104	104	68-138		1.64	30
1,1-Dichloropropylene	10.3		"	10.0	103	103	83-133		1.35	30
1,2,3-Trichlorobenzene	10.4		"	10.0	104	104	76-136		0.386	30
1,2,3-Trichloropropane	10.6		"	10.0	106	106	77-128		1.81	30
1,2,4-Trichlorobenzene	10.4		"	10.0	104	104	76-137		0.289	30
1,2,4-Trimethylbenzene	11.0		"	10.0	110	110	82-132		0.455	30
1,2-Dibromo-3-chloropropane	9.88		"	10.0	98.8	98.8	45-147		2.87	30
1,2-Dibromoethane	10.3		"	10.0	103	103	83-124		1.27	30
1,2-Dichlorobenzene	10.6		"	10.0	106	106	79-123		1.13	30
1,2-Dichloroethane	10.3		"	10.0	103	103	73-132		0.195	30
1,2-Dichloropropane	10.5		"	10.0	105	105	78-126		1.64	30
1,3,5-Trimethylbenzene	11.0		"	10.0	110	110	80-131		0.638	30
1,3-Dichlorobenzene	10.9		"	10.0	109	109	86-122		0.276	30
1,3-Dichloropropane	10.4		"	10.0	104	104	81-125		0.581	30
1,4-Dichlorobenzene	10.6		"	10.0	106	106	85-124		0.842	30
2,2-Dichloropropane	10.6		"	10.0	106	106	56-150		0.849	30
2-Chlorotoluene	10.8		"	10.0	108	108	79-130		0.0928	30
2-Hexanone	10.3		"	10.0	103	103	51-146		1.17	30
4-Chlorotoluene	10.8		"	10.0	108	108	79-128		0.559	30
Acetone	7.78		"	10.0	77.8	77.8	14-150		2.41	30
Benzene	10.4		"	10.0	104	104	85-126		1.43	30
Bromobenzene	10.4		"	10.0	104	104	78-129		0.863	30
Bromochloromethane	10.6		"	10.0	106	106	77-128		1.49	30
Bromodichloromethane	10.2		"	10.0	102	102	79-128		0.00	30
Bromoform	10.3		"	10.0	103	103	78-133		1.86	30
Bromomethane	8.75		"	10.0	87.5	87.5	43-168		10.1	30
Carbon tetrachloride	10.5		"	10.0	105	105	77-141		2.21	30
Chlorobenzene	10.7		"	10.0	107	107	88-120		1.41	30
Chloroethane	10.9		"	10.0	109	109	65-136		2.26	30
Chloroform	10.5		"	10.0	105	105	82-128		1.33	30
Chloromethane	10.7		"	10.0	107	107	43-155		1.49	30
cis-1,2-Dichloroethylene	10.6		"	10.0	106	106	83-129		0.664	30
cis-1,3-Dichloropropylene	9.79		"	10.0	97.9	97.9	80-131		1.23	30
Dibromochloromethane	10.3		"	10.0	103	103	80-130		1.27	30
Dibromomethane	10.4		"	10.0	104	104	72-134		0.580	30
Dichlorodifluoromethane	11.0		"	10.0	110	110	44-144		3.41	30
Ethyl Benzene	10.8		"	10.0	108	108	80-131		1.39	30
Hexachlorobutadiene	10.9		"	10.0	109	109	67-146		1.76	30
Isopropylbenzene	10.9		"	10.0	109	109	76-140		0.459	30
Methyl tert-butyl ether (MTBE)	10.3		"	10.0	103	103	76-135		0.0970	30
Methylene chloride	10.3		"	10.0	103	103	55-137		2.68	30
Naphthalene	10.2		"	10.0	102	102	70-147		0.0980	30
n-Butylbenzene	11.0		"	10.0	110	110	79-132		0.909	30
n-Propylbenzene	11.0		"	10.0	110	110	78-133		1.19	30
o-Xylene	10.9		"	10.0	109	109	78-130		0.0914	30



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BI51382 - EPA 5030B

LCS Dup (BI51382-BSD1)

Prepared & Analyzed: 09/29/2015

p- & m- Xylenes	22.3		ug/L	20.0		112	77-133		0.629	30
p-Isopropyltoluene	11.3		"	10.0		113	81-136		0.623	30
sec-Butylbenzene	11.1		"	10.0		111	79-137		1.27	30
Styrene	11.8		"	10.0		118	67-132		0.0844	30
tert-Butylbenzene	11.0		"	10.0		110	77-138		1.10	30
Tetrachloroethylene	10.7		"	10.0		107	82-131		1.41	30
Toluene	10.8		"	10.0		108	80-127		0.278	30
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132		1.36	30
trans-1,3-Dichloropropylene	9.85		"	10.0		98.5	78-131		1.43	30
Trichloroethylene	10.3		"	10.0		103	82-128		0.195	30
Trichlorofluoromethane	10.6		"	10.0		106	67-139		4.34	30
Vinyl Chloride	11.2		"	10.0		112	58-145		1.62	30
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.92		"	10.0		99.2	69-130			
<i>Surrogate: Toluene-d8</i>	10.4		"	10.0		104	81-117			
<i>Surrogate: p-Bromofluorobenzene</i>	9.95		"	10.0		99.5	79-122			



Metals by ICP - 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 BI51216 - EPA 200.7											
Blank (BI51216-BLK1)										Prepared: 09/24/2015 Analyzed: 09/25/2015	
Iron	ND	0.0200	mg/L								
Reference (BI51216-SRM1)										Prepared: 09/24/2015 Analyzed: 09/25/2015	
Iron	2.13		ug/mL	2.12		100	85-115				
Batch BI51254 - EPA 200.7											
Blank (BI51254-BLK1)										Prepared & Analyzed: 09/25/2015	
Iron	ND	0.0200	mg/L								
Duplicate (BI51254-DUP1)										*Source sample: 15I0796-01 (WQ092115: 1210 NP2-10) Prepared & Analyzed: 09/25/2015	
Iron	1.94	0.0222	mg/L		1.99				2.55	20	
Matrix Spike (BI51254-MS1)										*Source sample: 15I0796-01 (WQ092115: 1210 NP2-10) Prepared & Analyzed: 09/25/2015	
Iron	3.06	0.0222	mg/L	0.0236	1.99	NR	75-125	High Bias			
Reference (BI51254-SRM1)										Prepared & Analyzed: 09/25/2015	
Iron	2.14		ug/mL	2.12		101	85-115				
Batch BI51422 - EPA 3015A											
Blank (BI51422-BLK1)										Prepared & Analyzed: 09/29/2015	
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BI51422-DUP1)										*Source sample: 15I0795-01 (WQ092115: 1200 NP2-6) Prepared & Analyzed: 09/29/2015	
Iron - Dissolved	0.103	0.0222	mg/L		0.102				1.07	20	



Metals by ICP - 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 BI51422 - EPA 3015A											
Matrix Spike (BI51422-MS1)	*Source sample: 1510795-01 (WQ092115: 1200 NP2-6)						Prepared & Analyzed: 09/29/2015				
Iron - Dissolved	1.22	0.0222	mg/L	1.11	0.102	101	75-125				
Reference (BI51422-SRM1)	Prepared & Analyzed: 09/29/2015										
Iron - Dissolved	2.14		ug/mL	2.12		101	85-115				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI51293 - % Solids Prep

Blank (BI51293-BLK1)

Prepared & Analyzed: 09/25/2015

Total Dissolved Solids	ND	10.0	mg/L								
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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15I0795-01	WQ092115: 1200 NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15I0795-02	WQ092115: 1205 NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15I0796-01	WQ092115: 1210 NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

M-HCSpk Sample conc. >10 X spike conc.

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.

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)

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

LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.

LOD LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

MDL METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.

Reported to This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.

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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

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

York Project No. 1510795

YOUR INFORMATION Company: <u>LBB</u> Address: <u>4 Research Dr. Suite 301</u> <u>Sherborn, CT 06784</u> Phone No: <u>203-829-8555</u> Contact Person: <u>Tunde Sandor</u> E-Mail Address: <u>Tsandor@lbbct.com</u>		Report To: Company: <u>Same</u> Address: _____ Phone No: _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No: _____ Attention: _____ E-Mail Address: _____		YOUR PROJECT ID APWZ Industries Purchase Order No. <u>NA8596</u>		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report <u>X</u> pdf Summary w/ QA <u>X</u> pdf CT RCP Package CT RCP QADVUE Pkg NY ASP A Package NY ASP B Package <u>NP2-10 only</u> , pdf NIDEP Red. Deliv. Electronic Data Deliverables (EDD)			
Volatiles 8760 Mill 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8921B list		Semi-Volatiles 8270 & 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NIDEP list App. IX SLP or TCLP		Metals RGRAS PPD list TAL CT list TAGM list NIDEP list Air TO14A Air TO15 Air STARS SLP or TCLP Air VPH Air TICs LIST below Hg/As		Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 Full TCLP Full App. IX Full 309/409 Air TO14A Air TO15 Air STARS SLP or TCLP Air VPH Air TICs LIST below Hg/As		Full Lists Fri. Poll. TCL Operates TAL/Mech Full TCLP Full App. IX Full 309/409 Air TO14A Air TO15 Air STARS SLP or TCLP Air VPH Air TICs NYDEP Semi TOC TAGM 608 PCB		N. Inc. Conservatively Ignitability Flash Point Sine/Avol. Hexamethyls TOX BTU/lb. Annualized Tox. NYDEP Semi TOC Adhesives 608 PCB		Sample Excel <input checked="" type="checkbox"/> NYSEDEC EQuIS EQuIS (Std) EZ-BDD (EQuIS) NIDEP SRP HazSite EDD GIS/KEY (Std) Other York Regulatory Comparison Excel Spreadsheet Compare to the following: <u>Std. (please fill in)</u>	

Sample Identification W009215: 1200 NP2-6 " 1205 NP2-7 " 1210 NP2-10		Date Sampled 9-21-15 ↓ ↓		Sample Matrix GW GW GW		Choose Analyses Needed from the Menu Above and Enter Below Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW846-0108) / VOCs, R260 List (EPA SW845-8260b) plus from 113 ↓ Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW846-0108) / VOCs R260 List (EPA SW845-8260b) plus from 113 / TOCs (SW 846-0108)		Container Description(s) mixed ↓		Temperature on Receipt 16.4 °C	
Comments Preservation <input checked="" type="checkbox"/> Frozen <input checked="" type="checkbox"/> ICI <input checked="" type="checkbox"/> MeOH <input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> NiOH _____ Check those Applicable: <input checked="" type="checkbox"/> Zinc <input checked="" type="checkbox"/> Ascorbic Acid <input checked="" type="checkbox"/> Otitier _____ Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>		Samples Relinquished By: <u>[Signature]</u> Date/Time: <u>9/21/15 1800</u> Samples Received By: <u>LBB Fridge</u> Date/Time: <u>9/23/15 1622.4</u>		Samples Relinquished By: <u>[Signature]</u> Date/Time: <u>9/27/15 10:25</u> Samples Received in LAB by: _____ Date/Time: _____		Samples Relinquished By: _____ Date/Time: _____ Samples Received in LAB by: _____ Date/Time: _____		Samples Relinquished By: _____ Date/Time: _____ Samples Received in LAB by: _____ Date/Time: _____		Samples Relinquished By: _____ Date/Time: _____ Samples Received in LAB by: _____ Date/Time: _____	

YORK

ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
12031.325-1371 FAX (800) 357-0166

Field Chain-of-Custody Record

Page 1 of 1

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

York Project No. 1510796

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>Rowe Industries</u>	Volatiles: <u>8260 fill</u>	Semi-Volatiles: <u>8270 & 625</u>	Misc. Org: <u>TPH CRD</u>	Full Lists: <u>None</u>	RUSH - Same Day <input type="checkbox"/>	Summary Report <input checked="" type="checkbox"/>	Summary w/ QA Summary <input checked="" type="checkbox"/>	Report Type		
Address: <u>4 Research Dr Suite 301 Shelton, CT 06484</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Rowe Industries</u>	Site Spec: <u>624</u>	8082 PCB: <u>8082 PCB</u>	TPH DRD: <u>TPH DRD</u>	Geo: <u>None</u>	RUSH - Next Day <input type="checkbox"/>	CT RCP Package <input type="checkbox"/>	CT RCP Package <input checked="" type="checkbox"/>	Report Type		
Phone No: <u>263-929-8555</u>	Phone No: <u>Same</u>	Phone No: <u>Same</u>	Phone No: <u>Rowe Industries</u>	STARS list: <u>STARS list</u>	815 Herb: <u>815 Herb</u>	CT ESTPH: <u>CT ESTPH</u>	Reactivity: <u>None</u>	RUSH - Two Day <input type="checkbox"/>	CT RCP DQ/ADUE Pkg <input type="checkbox"/>	CT RCP DQ/ADUE Pkg <input checked="" type="checkbox"/>	Report Type		
Contact Person: <u>Tunde Sander</u>	Attention: <u>Same</u>	Attention: <u>Same</u>	Attention: <u>Rowe Industries</u>	BTEX: <u>BTEX</u>	Acids Only: <u>Acids Only</u>	NY 310-13: <u>NY 310-13</u>	Equability: <u>None</u>	RUSH - Three Day <input type="checkbox"/>	NY ASP A Package <input type="checkbox"/>	NY ASP A Package <input checked="" type="checkbox"/>	Report Type		
E-Mail Address: <u>Tsander@LBGCT.com</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Same</u>	E-Mail Address: <u>Rowe Industries</u>	MTBE: <u>MTBE</u>	App. IX: <u>App. IX</u>	TPH 1664: <u>TPH 1664</u>	Flash Point: <u>None</u>	RUSH - Four Day <input type="checkbox"/>	NY ASP B Package <input type="checkbox"/>	NY ASP B Package <input checked="" type="checkbox"/>	Report Type		
<p><i>Please, 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.</i></p> <p><i>Confirmed</i></p> <p>Samples Collected/Authorized By (Signature): <u>Evan Foster</u></p> <p>Name (printed): <u>Evan Foster</u></p>		<p>Matrix Codes:</p> <ul style="list-style-type: none"> S - soil Other - specify (oil, etc) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor 		<p>Volatiles:</p> <ul style="list-style-type: none"> 8260 fill TIC Site Spec Nassau Co. Suffolk Co. Keonics Oxygens TACM list TCLP list CT RCP list 124.2 Acrom. only 302.2 Halogen only NIDEP list App. IX list SELP & TCLP TCLP BNA 603 Pest 802 LIB list SELP 608 PCB 		<p>Misc. Org:</p> <ul style="list-style-type: none"> TPH CRD TPH DRD CT ESTPH TAL CT 15 list NY 310-13 TPH 1664 TACM list NIDEP list Air-TO15 Air-TO15 AE STAS AE VPH SELP/TCLP AE VPH AE TIC Mechane LIST below Heptan 		<p>Full Lists:</p> <ul style="list-style-type: none"> Geo Reactivity Equability Flash Point Stess Anal. Heptan Heptan TOX BTU Asphal. Toc NYDEP TOC NYSDOClear Asbestos SLIM 		<p>Standard (5-7 Days) <input checked="" type="checkbox"/></p>		<p>Other: <u>York Regulatory Comparison</u></p> <p>Excel Spreadsheet <input type="checkbox"/></p> <p>Compare with following Reg. (Please list):</p>	
<p>Sample Identification</p> <p>W0082115: 1200 NPA-6</p> <p>" 1205 NPA-7</p> <p>" 1210 NPA-10</p>		<p>Date Sampled</p> <p>9-21-15</p> <p>↓</p> <p>↓</p>		<p>Sample Matrix</p> <p>GW</p> <p>GW</p> <p>GW</p>		<p>Choose Analyses Needed from the Menu Above and Enter Below</p> <p>Fe by EPA 800.71 Fe, Dissolved by EPA 800 (SWP45-82608) / VOLS,</p> <p>P200 LIST (EPA SWP45-82608) plus from #3</p> <p>Fe by EPA 800.71 Fe, Dissolved by EPA 800 (SWP45-82608) / VOLS</p> <p>P200 LIST (EPA SWP45-82608) plus from #3 / TDS (SH 25405)</p>		<p>Container Description(s)</p> <p>Mixed</p> <p>↓</p>		<p>Temperature on Receipt</p> <p>41.4°C</p>			
<p>Comments</p> <p>Preservation: <input checked="" type="checkbox"/> 4°C <input checked="" type="checkbox"/> Frozen <input checked="" type="checkbox"/> HCl <input checked="" type="checkbox"/> MeOH <input type="checkbox"/> H₂SO₄ <input type="checkbox"/> NiOH</p> <p>Check those Applicable: <input type="checkbox"/> Zinc <input type="checkbox"/> Ascorbic Acid <input type="checkbox"/> Other</p> <p>Special Instructions: <input type="checkbox"/> Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/></p>		<p>Samples Relinquished By: <u>[Signature]</u> Date/Time: <u>9/21/15 1800</u></p> <p>Samples Relinquished By: <u>[Signature]</u> Date/Time: <u>9/23/15 1622</u></p>		<p>Samples Received By: <u>[Signature]</u> Date/Time: <u>9/21/15 1800</u></p> <p>Samples Received In Lab By: <u>[Signature]</u> Date/Time: <u>9/23/15 1622</u></p>									

APPENDIX II
SEPTEMBER 2015 LABORATORY ANALYTICAL REPORTS
FOR FSP&T AND FP&T RECOVERY WELLS



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 204

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 09/18/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15I0420

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 09/18/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15I0420

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
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 11, 2015 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>
15I0420-01	WQ091115:0730 FRW-1	Water	09/11/2015	09/11/2015
15I0420-02	WQ091115:0950 FRW-2	Water	09/11/2015	09/11/2015
15I0420-03	WQ091115:0830 FRW-3	Water	09/11/2015	09/11/2015
15I0420-04	WQ091115:0835 FRW-4	Water	09/11/2015	09/11/2015

General Notes for York Project (SDG) No.: 15I0420

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: 09/18/2015





Sample Information

Client Sample ID: WQ091115:0730 FRW-1

York Sample ID: 1510420-01

<u>York Project (SDG) No.</u> 1510420	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 11, 2015 7:30 am	<u>Date Received</u> 09/11/2015
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Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS



Sample Information

Client Sample ID: WQ091115:0730 FRW-1

York Sample ID: 1510420-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510420

Rowe Industries

Water

September 11, 2015 7:30 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
75-25-2	Bromoform	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
74-83-9	Bromomethane	0.51	CCV-E, ICV-E, SCAL-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
156-59-2	cis-1,2-Dichloroethylene	1.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS



Sample Information

Client Sample ID: WQ091115:0730 FRW-1

York Sample ID: 1510420-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510420

Rowe Industries

Water

September 11, 2015 7:30 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 10:15	09/17/2015 23:29	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 10:15	09/17/2015 23:29	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
127-18-4	Tetrachloroethylene	15		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
79-01-6	Trichloroethylene	0.54		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/17/2015 10:15	09/17/2015 23:29	SS

Surrogate Recoveries

Result

Acceptance Range

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

97.0 %

69-130

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

99.5 %

81-117

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

107 %

79-122



Sample Information

Client Sample ID: WQ091115:0950 FRW-2

York Sample ID: 1510420-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510420

Rowe Industries

Water

September 11, 2015 9:50 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS



Sample Information

Client Sample ID: WQ091115:0950 FRW-2

York Sample ID: 1510420-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510420

Rowe Industries

Water

September 11, 2015 9:50 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
75-25-2	Bromoform	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
156-59-2	cis-1,2-Dichloroethylene	0.35	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS



Sample Information

Client Sample ID: WQ091115:0950 FRW-2

York Sample ID: 1510420-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510420

Rowe Industries

Water

September 11, 2015 9:50 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 10:15	09/17/2015 23:56	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 10:15	09/17/2015 23:56	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
127-18-4	Tetrachloroethylene	14		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
79-01-6	Trichloroethylene	1.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/17/2015 10:15	09/17/2015 23:56	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.1 %	69-130								
2037-26-5	Surrogate: Toluene-d8	98.5 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	79-122								

Sample Information

Client Sample ID: WQ091115:0830 FRW-3

York Sample ID: 1510420-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510420

Rowe Industries

Water

September 11, 2015 8:30 am

09/11/2015



Sample Information

Client Sample ID: WQ091115:0830 FRW-3

York Sample ID: 1510420-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510420

Rowe Industries

Water

September 11, 2015 8:30 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS



Sample Information

Client Sample ID: WQ091115:0830 FRW-3

York Sample ID: 1510420-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510420

Rowe Industries

Water

September 11, 2015 8:30 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
75-25-2	Bromoform	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
156-59-2	cis-1,2-Dichloroethylene	10		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
98-82-8	Isopropylbenzene	0.90		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS



Sample Information

Client Sample ID: WQ091115:0830 FRW-3

York Sample ID: 15I0420-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15I0420

Rowe Industries

Water

September 11, 2015 8:30 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
103-65-1	n-Propylbenzene	0.55		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 10:15	09/18/2015 00:23	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 10:15	09/18/2015 00:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
127-18-4	Tetrachloroethylene	7.7		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
79-01-6	Trichloroethylene	2.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/17/2015 10:15	09/18/2015 00:23	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.3 %			69-130						
2037-26-5	Surrogate: Toluene-d8	97.7 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	110 %			79-122						



Sample Information

Client Sample ID: WQ091115:0835 FRW-4

York Sample ID: 1510420-04

York Project (SDG) No.

1510420

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

September 11, 2015 8:35 am

Date Received

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS



Sample Information

Client Sample ID: WQ091115:0835 FRW-4

York Sample ID: 1510420-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510420

Rowe Industries

Water

September 11, 2015 8:35 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
75-25-2	Bromoform	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
156-59-2	cis-1,2-Dichloroethylene	0.61		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS



Sample Information

Client Sample ID: WQ091115:0835 FRW-4

York Sample ID: 1510420-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510420

Rowe Industries

Water

September 11, 2015 8:35 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 10:15	09/18/2015 00:50	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 10:15	09/18/2015 00:50	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
127-18-4	Tetrachloroethylene	1.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/17/2015 10:15	09/18/2015 00:50	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.9 %	69-130
2037-26-5	Surrogate: Toluene-d8	99.0 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	105 %	79-122



Analytical Batch Summary

Batch ID: BI50840

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15I0420-01	WQ091115:0730 FRW-1	09/17/15
15I0420-02	WQ091115:0950 FRW-2	09/17/15
15I0420-03	WQ091115:0830 FRW-3	09/17/15
15I0420-04	WQ091115:0835 FRW-4	09/17/15
BI50840-BLK1	Blank	09/17/15
BI50840-BS1	LCS	09/17/15
BI50840-BSD1	LCS Dup	09/17/15



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
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Batch BI50840 - EPA 5030B

Blank (BI50840-BLK1)

Prepared & Analyzed: 09/17/2015

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	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	2.0	"								
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
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Batch BI50840 - EPA 5030B

Blank (BI50840-BLK1)

Prepared & Analyzed: 09/17/2015

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>	9.80		"	10.0		98.0	69-130				
<i>Surrogate: Toluene-d8</i>	10.1		"	10.0		101	81-117				
<i>Surrogate: p-Bromofluorobenzene</i>	10.5		"	10.0		105	79-122				

LCS (BI50840-BS1)

Prepared & Analyzed: 09/17/2015

1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126				
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136				
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165				
1,1,2-Trichloroethane	10.4		"	10.0		104	82-123				
1,1-Dichloroethane	10.6		"	10.0		106	82-129				
1,1-Dichloroethylene	10.6		"	10.0		106	68-138				
1,1-Dichloropropylene	10.4		"	10.0		104	83-133				
1,2,3-Trichlorobenzene	10.6		"	10.0		106	76-136				
1,2,3-Trichloropropane	10.9		"	10.0		109	77-128				
1,2,4-Trichlorobenzene	10.5		"	10.0		105	76-137				
1,2,4-Trimethylbenzene	10.9		"	10.0		109	82-132				
1,2-Dibromo-3-chloropropane	9.89		"	10.0		98.9	45-147				
1,2-Dibromoethane	10.4		"	10.0		104	83-124				
1,2-Dichlorobenzene	10.5		"	10.0		105	79-123				
1,2-Dichloroethane	10.4		"	10.0		104	73-132				
1,2-Dichloropropane	10.4		"	10.0		104	78-126				
1,3,5-Trimethylbenzene	11.0		"	10.0		110	80-131				
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122				
1,3-Dichloropropane	10.4		"	10.0		104	81-125				
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124				
2,2-Dichloropropane	10.2		"	10.0		102	56-150				
2-Chlorotoluene	10.9		"	10.0		109	79-130				
2-Hexanone	10.6		"	10.0		106	51-146				
4-Chlorotoluene	10.8		"	10.0		108	79-128				
Acetone	9.34		"	10.0		93.4	14-150				
Benzene	10.5		"	10.0		105	85-126				
Bromobenzene	10.9		"	10.0		109	78-129				
Bromochloromethane	10.3		"	10.0		103	77-128				
Bromodichloromethane	10.3		"	10.0		103	79-128				
Bromoform	10.2		"	10.0		102	78-133				
Bromomethane	12.3		"	10.0		123	43-168				
Carbon tetrachloride	10.5		"	10.0		105	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BI50840 - EPA 5030B

LCS (BI50840-BS1)

Prepared & Analyzed: 09/17/2015

Chloroethane	10.3		ug/L	10.0		103	65-136						
Chloroform	10.4		"	10.0		104	82-128						
Chloromethane	9.48		"	10.0		94.8	43-155						
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129						
cis-1,3-Dichloropropylene	10.6		"	10.0		106	80-131						
Dibromochloromethane	10.4		"	10.0		104	80-130						
Dibromomethane	10.5		"	10.0		105	72-134						
Dichlorodifluoromethane	11.2		"	10.0		112	44-144						
Ethyl Benzene	10.7		"	10.0		107	80-131						
Hexachlorobutadiene	10.4		"	10.0		104	67-146						
Isopropylbenzene	11.0		"	10.0		110	76-140						
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	76-135						
Methylene chloride	9.64		"	10.0		96.4	55-137						
Naphthalene	10.5		"	10.0		105	70-147						
n-Butylbenzene	10.6		"	10.0		106	79-132						
n-Propylbenzene	11.1		"	10.0		111	78-133						
o-Xylene	10.7		"	10.0		107	78-130						
p- & m- Xylenes	21.5		"	20.0		108	77-133						
p-Isopropyltoluene	10.7		"	10.0		107	81-136						
sec-Butylbenzene	10.9		"	10.0		109	79-137						
Styrene	10.6		"	10.0		106	67-132						
tert-Butylbenzene	10.8		"	10.0		108	77-138						
Tetrachloroethylene	10.1		"	10.0		101	82-131						
Toluene	10.5		"	10.0		105	80-127						
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132						
trans-1,3-Dichloropropylene	10.7		"	10.0		107	78-131						
Trichloroethylene	10.2		"	10.0		102	82-128						
Trichlorofluoromethane	10.3		"	10.0		103	67-139						
Vinyl Chloride	10.8		"	10.0		108	58-145						
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.73</i>		<i>"</i>	<i>10.0</i>		<i>97.3</i>	<i>69-130</i>						
<i>Surrogate: Toluene-d8</i>	<i>9.94</i>		<i>"</i>	<i>10.0</i>		<i>99.4</i>	<i>81-117</i>						
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>79-122</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 BI50840 - EPA 5030B											
LCS Dup (BI50840-BSD1)											
										Prepared & Analyzed: 09/17/2015	
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126		2.13	30	
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136		3.39	30	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-129		1.09	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	54-165		1.14	30	
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123		0.574	30	
1,1-Dichloroethane	10.8		"	10.0		108	82-129		1.86	30	
1,1-Dichloroethylene	10.9		"	10.0		109	68-138		2.51	30	
1,1-Dichloropropylene	10.6		"	10.0		106	83-133		1.05	30	
1,2,3-Trichlorobenzene	10.3		"	10.0		103	76-136		2.11	30	
1,2,3-Trichloropropane	10.9		"	10.0		109	77-128		0.0914	30	
1,2,4-Trichlorobenzene	10.5		"	10.0		105	76-137		0.381	30	
1,2,4-Trimethylbenzene	11.0		"	10.0		110	82-132		1.64	30	
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	45-147		1.51	30	
1,2-Dibromoethane	10.6		"	10.0		106	83-124		1.33	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		0.763	30	
1,2-Dichloroethane	10.4		"	10.0		104	73-132		0.192	30	
1,2-Dichloropropane	10.6		"	10.0		106	78-126		2.00	30	
1,3,5-Trimethylbenzene	11.2		"	10.0		112	80-131		1.89	30	
1,3-Dichlorobenzene	10.7		"	10.0		107	86-122		0.843	30	
1,3-Dichloropropane	10.5		"	10.0		105	81-125		1.63	30	
1,4-Dichlorobenzene	10.8		"	10.0		108	85-124		1.12	30	
2,2-Dichloropropane	10.2		"	10.0		102	56-150		0.490	30	
2-Chlorotoluene	11.2		"	10.0		112	79-130		2.53	30	
2-Hexanone	10.4		"	10.0		104	51-146		2.38	30	
4-Chlorotoluene	11.1		"	10.0		111	79-128		2.92	30	
Acetone	10.1		"	10.0		101	14-150		7.92	30	
Benzene	10.8		"	10.0		108	85-126		2.35	30	
Bromobenzene	10.9		"	10.0		109	78-129		0.0917	30	
Bromochloromethane	10.8		"	10.0		108	77-128		4.73	30	
Bromodichloromethane	10.6		"	10.0		106	79-128		2.40	30	
Bromoform	10.3		"	10.0		103	78-133		1.37	30	
Bromomethane	14.4		"	10.0		144	43-168		15.6	30	
Carbon tetrachloride	10.7		"	10.0		107	77-141		1.98	30	
Chlorobenzene	10.6		"	10.0		106	88-120		2.38	30	
Chloroethane	10.7		"	10.0		107	65-136		3.72	30	
Chloroform	10.6		"	10.0		106	82-128		1.43	30	
Chloromethane	10.0		"	10.0		100	43-155		5.84	30	
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129		3.13	30	
cis-1,3-Dichloropropylene	10.8		"	10.0		108	80-131		1.31	30	
Dibromochloromethane	10.6		"	10.0		106	80-130		2.38	30	
Dibromomethane	10.7		"	10.0		107	72-134		1.51	30	
Dichlorodifluoromethane	11.6		"	10.0		116	44-144		3.78	30	
Ethyl Benzene	10.9		"	10.0		109	80-131		2.04	30	
Hexachlorobutadiene	10.5		"	10.0		105	67-146		1.15	30	
Isopropylbenzene	11.2		"	10.0		112	76-140		1.99	30	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	76-135		1.11	30	
Methylene chloride	9.83		"	10.0		98.3	55-137		1.95	30	
Naphthalene	10.1		"	10.0		101	70-147		3.21	30	
n-Butylbenzene	10.9		"	10.0		109	79-132		3.07	30	
n-Propylbenzene	11.3		"	10.0		113	78-133		1.60	30	
o-Xylene	10.7		"	10.0		107	78-130		0.00	30	



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BI50840 - EPA 5030B

LCS Dup (BI50840-BSD1)

Prepared & Analyzed: 09/17/2015

p- & m- Xylenes	21.9		ug/L	20.0		109	77-133			1.66	30		
p-Isopropyltoluene	10.9		"	10.0		109	81-136			1.76	30		
sec-Butylbenzene	11.1		"	10.0		111	79-137			2.00	30		
Styrene	10.7		"	10.0		107	67-132			1.50	30		
tert-Butylbenzene	10.9		"	10.0		109	77-138			0.277	30		
Tetrachloroethylene	10.3		"	10.0		103	82-131			1.57	30		
Toluene	10.6		"	10.0		106	80-127			1.33	30		
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-132			2.40	30		
trans-1,3-Dichloropropylene	10.7		"	10.0		107	78-131			0.373	30		
Trichloroethylene	10.7		"	10.0		107	82-128			4.51	30		
Trichlorofluoromethane	10.5		"	10.0		105	67-139			2.01	30		
Vinyl Chloride	10.8		"	10.0		108	58-145			0.371	30		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.73</i>		<i>"</i>	<i>10.0</i>		<i>97.3</i>	<i>69-130</i>						
<i>Surrogate: Toluene-d8</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>81-117</i>						
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>79-122</i>						



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15I0420-01	WQ091115:0730 FRW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15I0420-02	WQ091115:0950 FRW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15I0420-03	WQ091115:0830 FRW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15I0420-04	WQ091115:0835 FRW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
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.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.



For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



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

Field Chain-of-Custody Record

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

York Project No. 1510420

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: <u>LBG</u>	SAME <input checked="" type="checkbox"/>	SAME <input checked="" type="checkbox"/>	<u>Rowe Industries</u>	RUSH-Same Day _____	Summary Report <u>X, PDF</u>
Address: <u>4 Research Drive</u>	Name: _____	Name: _____	<u>Purchase Order #</u>	RUSH-Next Day _____	QA Report <u>X, PDF</u>
<u>Suite 301, Shelton CT 06484</u>	Company: _____	Company: _____	<u>NABSAG</u>	RUSH-Two Day _____	CT RCP _____
Phone.: <u>203.929.8555</u>	Address: _____	Address: _____	_____	RUSH-Three Day _____	CT RCP DQA/DUE Pkg _____
Contact: <u>Tunde Sandor</u>	E-mail: _____	E-mail _____	Samples from <u>CT_NY x_NJ</u>	RUSH-Four Day _____	NY ASP A Package _____
E-mail: <u>Tsandor@lboct.com</u>				Standard (5-7day) X	NY ASP B Package <u>X, PDF</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.

[Signature]

Samples Collected/Authorized By (Signature)

Tunde Hommes-Sandor
Name (printed)

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

Volatiles	Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	8270 or 825	8082 PCB	RCRA8	TPH GRO	Pri. Poll.
624	Site Spec.	STARS list	8081 Pest	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT RCP
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13
MTRE	Ketones	PAH list	App. IX	TAGM list	TPH 1664
TCL list	Oxygenates	TAGM list	Site Spec.	NUDEP list	Air TO14A
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS
Arom. only	502.2	NUDEP list	TCLP Herb	SPLP or TCLP	Air VPH
Halog. only	NUDEP list	App. IX	Chlordane	<u>Indiv. Metals</u>	Air TICs
App. IX list	SPLP or TCLP	TCLP DNA	608 Pest	LIST Below	Methylene
8021 B list		SPLP or TCLP	608 PCB		Helium

NJDFP Reduced Deliv	
Excel	<u>X</u>
NYSDEC EQUIS	
NJDEP SRP HazSite	
EQUIS	
GIS/KEY (std)	
YORK Regulatory Comp Excel compared to:	
OTHER:	

Sample Identification	Date/Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
<u>WQ091115:0730FRW-1</u>	<u>9.11.15 730</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B) plus freon 113</u>	<u>3 voas</u>
<u>WQ091115:0950FRW-2</u>	<u>950</u>	↓	↓	↓
<u>WQ091115:0830FRW-3</u>	<u>830</u>	↓	↓	↓
<u>WQ091115:0835FRW-4</u>	<u>835</u>	↓	↓	↓

Comments: separate lab rept & invoice for these samples

Preservation (check all applicable): 4°C _____ Frozen _____ HCl MeOH _____ HNO₃ _____ H₂SO₄ _____ NaOH _____
ZnAc _____ Ascorbic Acid _____ Other _____

Special Instructions: Field Filtered Lab to Filter

Samples Relinquished By: [Signature] Date/Time: 9.11.15 1440

Samples Received By: TC [Signature] Date/Time: 9/11/15 1440

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

Temperature on Receipt: 4.7 °C



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 204

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 09/18/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15I0422

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 09/18/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15I0422

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
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 11, 2015 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>
15I0422-01	GWQ091115:0900NP1-1-2	Water	09/11/2015	09/11/2015

General Notes for York Project (SDG) No.: 15I0422

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: 09/18/2015





Sample Information

Client Sample ID: GWQ091115:0900NP1-1-2

York Sample ID: 1510422-01

<u>York Project (SDG) No.</u> 1510422	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 11, 2015 9:00 am	<u>Date Received</u> 09/11/2015
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Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS



Sample Information

Client Sample ID: GWQ091115:0900NP1-1-2

York Sample ID: 1510422-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510422

Rowe Industries

Water

September 11, 2015 9:00 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS



Sample Information

Client Sample ID: GWQ091115:0900NP1-1-2

York Sample ID: 1510422-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510422

Rowe Industries

Water

September 11, 2015 9:00 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/16/2015 16:40	09/17/2015 04:32	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/16/2015 16:40	09/17/2015 04:32	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
127-18-4	Tetrachloroethylene	0.38	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
79-01-6	Trichloroethylene	0.34	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/16/2015 16:40	09/17/2015 04:32	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %			69-130						
2037-26-5	Surrogate: Toluene-d8	103 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	94.5 %			79-122						



Analytical Batch Summary

Batch ID: BI50790

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15I0422-01	GWQ091115:0900NP1-1-2	09/16/15
BI50790-BLK1	Blank	09/16/15
BI50790-BS1	LCS	09/16/15
BI50790-BSD1	LCS Dup	09/16/15



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
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Batch BI50790 - EPA 5030B

Blank (BI50790-BLK1)

Prepared & Analyzed: 09/16/2015

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	1.0	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	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	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					RPD	

Batch BI50790 - EPA 5030B

Blank (BI50790-BLK1)

Prepared & Analyzed: 09/16/2015

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>10.9</i>		<i>"</i>	<i>10.0</i>		<i>109</i>		<i>69-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.76</i>		<i>"</i>	<i>10.0</i>		<i>97.6</i>		<i>81-117</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.67</i>		<i>"</i>	<i>10.0</i>		<i>96.7</i>		<i>79-122</i>			

LCS (BI50790-BS1)

Prepared & Analyzed: 09/16/2015

1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109		82-126			
1,1,1-Trichloroethane	11.0		"	10.0		110		78-136			
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104		76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114		54-165			
1,1,2-Trichloroethane	11.0		"	10.0		110		82-123			
1,1-Dichloroethane	11.2		"	10.0		112		82-129			
1,1-Dichloroethylene	11.0		"	10.0		110		68-138			
1,1-Dichloropropylene	10.8		"	10.0		108		83-133			
1,2,3-Trichlorobenzene	9.28		"	10.0		92.8		76-136			
1,2,3-Trichloropropane	10.3		"	10.0		103		77-128			
1,2,4-Trichlorobenzene	9.22		"	10.0		92.2		76-137			
1,2,4-Trimethylbenzene	9.88		"	10.0		98.8		82-132			
1,2-Dibromo-3-chloropropane	9.62		"	10.0		96.2		45-147			
1,2-Dibromoethane	11.1		"	10.0		111		83-124			
1,2-Dichlorobenzene	9.88		"	10.0		98.8		79-123			
1,2-Dichloroethane	11.1		"	10.0		111		73-132			
1,2-Dichloropropane	10.6		"	10.0		106		78-126			
1,3,5-Trimethylbenzene	10.0		"	10.0		100		80-131			
1,3-Dichlorobenzene	10.0		"	10.0		100		86-122			
1,3-Dichloropropane	10.8		"	10.0		108		81-125			
1,4-Dichlorobenzene	9.90		"	10.0		99.0		85-124			
2,2-Dichloropropane	10.0		"	10.0		100		56-150			
2-Chlorotoluene	9.75		"	10.0		97.5		79-130			
2-Hexanone	11.6		"	10.0		116		51-146			
4-Chlorotoluene	9.75		"	10.0		97.5		79-128			
Acetone	11.4		"	10.0		114		14-150			
Benzene	11.1		"	10.0		111		85-126			
Bromobenzene	9.55		"	10.0		95.5		78-129			
Bromochloromethane	11.4		"	10.0		114		77-128			
Bromodichloromethane	10.9		"	10.0		109		79-128			
Bromoform	10.6		"	10.0		106		78-133			
Bromomethane	1.96		"	10.0		19.6		43-168	Low Bias		
Carbon tetrachloride	11.1		"	10.0		111		77-141			
Chlorobenzene	10.6		"	10.0		106		88-120			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI50790 - EPA 5030B

LCS (BI50790-BS1)

Prepared & Analyzed: 09/16/2015

Chloroethane	11.0		ug/L	10.0		110	65-136				
Chloroform	11.2		"	10.0		112	82-128				
Chloromethane	6.25		"	10.0		62.5	43-155				
cis-1,2-Dichloroethylene	10.9		"	10.0		109	83-129				
cis-1,3-Dichloropropylene	9.93		"	10.0		99.3	80-131				
Dibromochloromethane	10.3		"	10.0		103	80-130				
Dibromomethane	11.8		"	10.0		118	72-134				
Dichlorodifluoromethane	11.9		"	10.0		119	44-144				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Hexachlorobutadiene	8.91		"	10.0		89.1	67-146				
Isopropylbenzene	9.46		"	10.0		94.6	76-140				
Methyl tert-butyl ether (MTBE)	11.3		"	10.0		113	76-135				
Methylene chloride	10.8		"	10.0		108	55-137				
Naphthalene	9.80		"	10.0		98.0	70-147				
n-Butylbenzene	9.81		"	10.0		98.1	79-132				
n-Propylbenzene	9.87		"	10.0		98.7	78-133				
o-Xylene	10.8		"	10.0		108	78-130				
p- & m- Xylenes	22.4		"	20.0		112	77-133				
p-Isopropyltoluene	9.88		"	10.0		98.8	81-136				
sec-Butylbenzene	9.70		"	10.0		97.0	79-137				
Styrene	12.2		"	10.0		122	67-132				
tert-Butylbenzene	9.53		"	10.0		95.3	77-138				
Tetrachloroethylene	10.4		"	10.0		104	82-131				
Toluene	10.7		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	11.1		"	10.0		111	80-132				
trans-1,3-Dichloropropylene	9.72		"	10.0		97.2	78-131				
Trichloroethylene	10.6		"	10.0		106	82-128				
Trichlorofluoromethane	12.9		"	10.0		129	67-139				
Vinyl Chloride	10.9		"	10.0		109	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.8</i>		<i>"</i>	<i>10.0</i>		<i>108</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.33</i>		<i>"</i>	<i>10.0</i>		<i>93.3</i>	<i>79-122</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 BI50790 - EPA 5030B											
LCS Dup (BI50790-bsd1)											
										Prepared & Analyzed: 09/16/2015	
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126		5.36		30
1,1,1-Trichloroethane	11.0		"	10.0		110	78-136		0.00		30
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		1.36		30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	54-165		0.0877		30
1,1,2-Trichloroethane	11.3		"	10.0		113	82-123		3.14		30
1,1-Dichloroethane	11.2		"	10.0		112	82-129		0.803		30
1,1-Dichloroethylene	10.9		"	10.0		109	68-138		0.912		30
1,1-Dichloropropylene	10.6		"	10.0		106	83-133		1.21		30
1,2,3-Trichlorobenzene	9.13		"	10.0		91.3	76-136		1.63		30
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128		1.67		30
1,2,4-Trichlorobenzene	9.22		"	10.0		92.2	76-137		0.00		30
1,2,4-Trimethylbenzene	9.89		"	10.0		98.9	82-132		0.101		30
1,2-Dibromo-3-chloropropane	9.43		"	10.0		94.3	45-147		1.99		30
1,2-Dibromoethane	10.9		"	10.0		109	83-124		1.73		30
1,2-Dichlorobenzene	9.93		"	10.0		99.3	79-123		0.505		30
1,2-Dichloroethane	11.2		"	10.0		112	73-132		1.35		30
1,2-Dichloropropane	9.77		"	10.0		97.7	78-126		8.43		30
1,3,5-Trimethylbenzene	9.68		"	10.0		96.8	80-131		3.75		30
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122		0.0996		30
1,3-Dichloropropane	10.8		"	10.0		108	81-125		0.556		30
1,4-Dichlorobenzene	9.91		"	10.0		99.1	85-124		0.101		30
2,2-Dichloropropane	9.77		"	10.0		97.7	56-150		2.53		30
2-Chlorotoluene	9.83		"	10.0		98.3	79-130		0.817		30
2-Hexanone	11.2		"	10.0		112	51-146		3.77		30
4-Chlorotoluene	9.81		"	10.0		98.1	79-128		0.613		30
Acetone	11.5		"	10.0		115	14-150		0.175		30
Benzene	10.8		"	10.0		108	85-126		2.47		30
Bromobenzene	9.48		"	10.0		94.8	78-129		0.736		30
Bromochloromethane	10.9		"	10.0		109	77-128		4.49		30
Bromodichloromethane	10.1		"	10.0		101	79-128		7.14		30
Bromoform	10.4		"	10.0		104	78-133		2.10		30
Bromomethane	2.43		"	10.0		24.3	43-168	Low Bias	21.4		30
Carbon tetrachloride	11.1		"	10.0		111	77-141		0.0898		30
Chlorobenzene	10.4		"	10.0		104	88-120		1.71		30
Chloroethane	10.8		"	10.0		108	65-136		2.02		30
Chloroform	11.2		"	10.0		112	82-128		0.893		30
Chloromethane	6.11		"	10.0		61.1	43-155		2.27		30
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129		1.48		30
cis-1,3-Dichloropropylene	9.16		"	10.0		91.6	80-131		8.07		30
Dibromochloromethane	10.5		"	10.0		105	80-130		1.54		30
Dibromomethane	10.8		"	10.0		108	72-134		8.24		30
Dichlorodifluoromethane	11.8		"	10.0		118	44-144		0.169		30
Ethyl Benzene	10.3		"	10.0		103	80-131		3.72		30
Hexachlorobutadiene	8.96		"	10.0		89.6	67-146		0.560		30
Isopropylbenzene	9.57		"	10.0		95.7	76-140		1.16		30
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	76-135		1.43		30
Methylene chloride	10.5		"	10.0		105	55-137		2.82		30
Naphthalene	9.61		"	10.0		96.1	70-147		1.96		30
n-Butylbenzene	9.69		"	10.0		96.9	79-132		1.23		30
n-Propylbenzene	9.86		"	10.0		98.6	78-133		0.101		30
o-Xylene	10.4		"	10.0		104	78-130		4.44		30



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BI50790 - EPA 5030B

LCS Dup (BI50790-BSD1)

Prepared & Analyzed: 09/16/2015

p- & m- Xylenes	21.5		ug/L	20.0		107	77-133			4.20	30		
p-Isopropyltoluene	9.73		"	10.0		97.3	81-136			1.53	30		
sec-Butylbenzene	9.67		"	10.0		96.7	79-137			0.310	30		
Styrene	11.5		"	10.0		115	67-132			5.65	30		
tert-Butylbenzene	9.49		"	10.0		94.9	77-138			0.421	30		
Tetrachloroethylene	10.6		"	10.0		106	82-131			1.90	30		
Toluene	11.0		"	10.0		110	80-127			2.67	30		
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-132			1.36	30		
trans-1,3-Dichloropropylene	9.23		"	10.0		92.3	78-131			5.17	30		
Trichloroethylene	9.63		"	10.0		96.3	82-128			9.59	30		
Trichlorofluoromethane	11.2		"	10.0		112	67-139			13.8	30		
Vinyl Chloride	10.9		"	10.0		109	58-145			0.0917	30		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.7</i>		<i>"</i>	<i>10.0</i>		<i>107</i>	<i>69-130</i>						
<i>Surrogate: Toluene-d8</i>	<i>9.67</i>		<i>"</i>	<i>10.0</i>		<i>96.7</i>	<i>81-117</i>						
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.50</i>		<i>"</i>	<i>10.0</i>		<i>95.0</i>	<i>79-122</i>						



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15I0422-01	GWQ091115:0900NP1-1-2	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/LOD) or in the case of a TIC, the result is an estimated concentration.
<hr/>	
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



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

Field Chain-of-Custody Record

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

York Project No. 15I0422

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: <u>LBG</u>	<u>SAME</u> <input checked="" type="checkbox"/>	<u>SAME</u> <input checked="" type="checkbox"/>	<u>Rowe Industries</u>	RUSH-Same Day _____	Summary Report <u>X, PDF</u>
Address: <u>4 Research Drive</u>	Name: _____	Name: _____	<u>Purchase Order #</u>	RUSH-Next Day _____	QA Report <u>X, PDF</u>
<u>Suite 301, Shelton CT 06484</u>	Company: _____	Company: _____	<u>NABSAG</u>	RUSH-Two Day _____	CT RCP _____
Phone.: <u>203.929.8555</u>	Address: _____	Address: _____	_____	RUSH-Three Day _____	CT RCP DQA/DUE Pkg _____
Contact: <u>Tunde Sandor</u>	_____	_____	_____	RUSH-Four Day _____	NY ASP A Package _____
E-mail: <u>Tsandor@lbqct.com</u>	E-mail: _____	E-mail: _____	Samples from CT_NY_x_NJ_	Standard (5-7day) <u>X</u>	NY ASP B Package <u>X, PDF</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.

Volatiles	Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRAR	TPH GRO
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT/ETPH
BTEX	Suffolk Co.	Acids Only	CT RCP	CTL5 list	NY 310-13
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A
TAGM list	TCLP list	CT RCP list	SPL or TCLP	Total	Air TO15
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS
Arom. only	502.2	NJDEP list	TCLP Herb	SPL or TCLP	Air VEH
Halog. only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs
App. IX list	SPL or TCLP	TCLP BNA	608 Pest	LIST Below	Methane
8021B list	SPL or TCLP	608 PCB			Helium

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

NJDEP Reduced Deliv	_____
Excel	<u>X</u>
NYSDEC EQUIS	_____
NJDEP SRP HazSite	_____
EQUIS	_____
GIS/KEY (std)	_____
YORK Regulatory Comp Excel compared to:	_____
OTHER:	_____

ASME
Samples Collected/Authorized By (Signature)
Tunde Komoros-Sandor
Name (printed)

Sample Identification	Date-Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
<u>BWQ 091115-0900/AP1-1-2</u>	<u>9/10 840</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B) plus freon 113</u>	<u>3 voas</u>

Comments: Separate lab rept & invoice for this sample

Preservation (check all applicable): 4°C _____ Frozen _____ HCl X MeOH _____ HNO₃ _____ H₂SO₄ _____ NaOH _____
ZnAc _____ Ascorbic Acid _____ Other _____

Special Instructions: Field Filtered Lab to Filter

Samples Relinquished By: ASME Date/Time: 9/11/15 1440

Samples Relinquished By: _____ Date/Time: _____

Samples Received By: TCS Date/Time: 9/11/15 1440

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

Temperature on Receipt: 4.7°C



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 204

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 09/21/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15I0432

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 09/21/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15I0432

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
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 11, 2015 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>
15I0432-01	RW-1	Water	09/09/2015	09/11/2015
15I0432-02	RW-3	Water	09/09/2015	09/11/2015
15I0432-03	RW-4	Water	09/09/2015	09/11/2015
15I0432-04	RW-5	Water	09/09/2015	09/11/2015
15I0432-05	RW-6	Water	09/09/2015	09/11/2015
15I0432-06	RW-7	Water	09/09/2015	09/11/2015
15I0432-07	RW-8	Water	09/09/2015	09/11/2015
15I0432-08	RW-9	Water	09/09/2015	09/11/2015
15I0432-09	MW-A	Water	09/09/2015	09/11/2015
15I0432-10	MW-B	Water	09/10/2015	09/11/2015
15I0432-11	MW-C	Water	09/10/2015	09/11/2015
15I0432-12	MW-28A	Water	09/11/2015	09/11/2015
15I0432-13	MW-28B	Water	09/11/2015	09/11/2015
15I0432-14	MW-43A	Water	09/09/2015	09/11/2015
15I0432-15	MW-43B	Water	09/09/2015	09/11/2015
15I0432-16	MW-43C	Water	09/09/2015	09/11/2015
15I0432-17	MW-44A	Water	09/10/2015	09/11/2015
15I0432-18	MW-44B	Water	09/10/2015	09/11/2015
15I0432-19	MW-44C	Water	09/10/2015	09/11/2015
15I0432-20	MW-45A	Water	09/10/2015	09/11/2015
15I0432-21	MW-45B	Water	09/10/2015	09/11/2015
15I0432-22	MW-46A	Water	09/09/2015	09/11/2015
15I0432-23	MW-47B	Water	09/09/2015	09/11/2015

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
15I0432-24	MW-48A	Water	09/10/2015	09/11/2015
15I0432-25	MW-48B	Water	09/10/2015	09/11/2015
15I0432-26	MW-49A	Water	09/08/2015	09/11/2015
15I0432-27	MW-49B	Water	09/08/2015	09/11/2015
15I0432-28	MW-49C	Water	09/08/2015	09/11/2015
15I0432-29	MW-50A	Water	09/08/2015	09/11/2015
15I0432-30	MW-50B	Water	09/08/2015	09/11/2015
15I0432-31	MW-50C	Water	09/08/2015	09/11/2015
15I0432-32	MW-52A	Water	09/10/2015	09/11/2015
15I0432-33	MW-53	Water	09/10/2015	09/11/2015
15I0432-34	MW-54	Water	09/10/2015	09/11/2015
15I0432-35	MW-56B	Water	09/08/2015	09/11/2015
15I0432-36	MW-98-01A	Water	09/08/2015	09/11/2015
15I0432-37	MW-98-04	Water	09/08/2015	09/11/2015
15I0432-38	MW-98-05A	Water	09/08/2015	09/11/2015
15I0432-39	MW-98-05B	Water	09/08/2015	09/11/2015
15I0432-40	MW-B1	Water	09/09/2015	09/11/2015
15I0432-41	N-16	Water	09/10/2015	09/11/2015
15I0432-42	N-32	Water	09/10/2015	09/11/2015
15I0432-43	TB-CC	Water	09/11/2015	09/11/2015
15I0432-44	TB-TS	Water	09/11/2015	09/11/2015
15I0432-45	FB-CC	Water	09/11/2015	09/11/2015
15I0432-46	FB-TS	Water	09/11/2015	09/11/2015
15I0432-47	N-1B	Water	09/11/2015	09/11/2015
15I0432-48	N-2B	Water	09/11/2015	09/11/2015

General Notes for York Project (SDG) No.: 15I0432

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: 09/21/2015





Sample Information

Client Sample ID: RW-1

York Sample ID: 1510432-01

York Project (SDG) No.
1510432

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 9, 2015 9:35 am

Date Received
09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
106-46-7	1,4-Dichlorobenzene	0.24	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK



Sample Information

Client Sample ID: RW-1

York Sample ID: 1510432-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 9:35 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
67-64-1	Acetone	1.9	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
67-66-3	Chloroform	0.34	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK



Sample Information

Client Sample ID: RW-1

York Sample ID: 1510432-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 9:35 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 14:55	09/17/2015 20:06	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 14:55	09/17/2015 20:06	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/17/2015 14:55	09/17/2015 20:06	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	122 %			69-130						
2037-26-5	Surrogate: Toluene-d8	94.8 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	90.3 %			79-122						



Sample Information

Client Sample ID: RW-3

York Sample ID: 1510432-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 10:25 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK



Sample Information

Client Sample ID: RW-3

York Sample ID: 1510432-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 10:25 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
67-64-1	Acetone	1.5	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK



Sample Information

Client Sample ID: RW-3

York Sample ID: 1510432-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 10:25 am

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 14:55	09/17/2015 20:46	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 14:55	09/17/2015 20:46	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/17/2015 14:55	09/17/2015 20:46	BK

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	119 %
2037-26-5	Surrogate: Toluene-d8	91.4 %
460-00-4	Surrogate: p-Bromofluorobenzene	89.9 %

Sample Information

Client Sample ID: RW-4

York Sample ID: 1510432-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 4:10 pm

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: RW-4

York Sample ID: 1510432-03

<u>York Project (SDG) No.</u> 1510432	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 9, 2015 4:10 pm	<u>Date Received</u> 09/11/2015
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Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK



Sample Information

Client Sample ID: RW-4

York Sample ID: 1510432-03

York Project (SDG) No.

1510432

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

September 9, 2015 4:10 pm

Date Received

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	3.5	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
156-59-2	cis-1,2-Dichloroethylene	1.7		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK



Sample Information

Client Sample ID: RW-4

York Sample ID: 1510432-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 4:10 pm

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 14:55	09/17/2015 21:28	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 14:55	09/17/2015 21:28	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
79-01-6	Trichloroethylene	0.90		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/17/2015 14:55	09/17/2015 21:28	BK

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	116 %	69-130
2037-26-5	Surrogate: Toluene-d8	88.0 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	93.1 %	79-122

Sample Information

Client Sample ID: RW-5

York Sample ID: 1510432-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 1:00 pm

09/11/2015



Sample Information

Client Sample ID: RW-5

York Sample ID: 1510432-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 1:00 pm

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK



Sample Information

Client Sample ID: RW-5

York Sample ID: 1510432-04

York Project (SDG) No.

1510432

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

September 9, 2015 1:00 pm

Date Received

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
67-66-3	Chloroform	0.70		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK



Sample Information

Client Sample ID: RW-5

York Sample ID: 1510432-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 1:00 pm

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 14:55	09/17/2015 22:08	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 14:55	09/17/2015 22:08	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/17/2015 14:55	09/17/2015 22:08	BK

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	123 %
2037-26-5	Surrogate: Toluene-d8	93.3 %
460-00-4	Surrogate: p-Bromofluorobenzene	91.3 %

Sample Information

Client Sample ID: RW-6

York Sample ID: 1510432-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 1:55 pm

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: RW-6

York Sample ID: 1510432-05

<u>York Project (SDG) No.</u> 1510432	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 9, 2015 1:55 pm	<u>Date Received</u> 09/11/2015
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Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
71-55-6	1,1,1-Trichloroethane	0.32	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
75-34-3	1,1-Dichloroethane	0.23	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK



Sample Information

Client Sample ID: RW-6

York Sample ID: 1510432-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 1:55 pm

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
67-64-1	Acetone	1.2	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
67-66-3	Chloroform	0.37	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK



Sample Information

Client Sample ID: RW-6

York Sample ID: 1510432-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 1:55 pm

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 14:55	09/17/2015 22:49	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 14:55	09/17/2015 22:49	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
127-18-4	Tetrachloroethylene	0.25	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/17/2015 14:55	09/17/2015 22:49	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	119 %	69-130								
2037-26-5	Surrogate: Toluene-d8	92.3 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	91.1 %	79-122								



Sample Information

Client Sample ID: RW-7

York Sample ID: 1510432-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 2:55 pm

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
71-55-6	1,1,1-Trichloroethane	1.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
75-34-3	1,1-Dichloroethane	0.60		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK



Sample Information

Client Sample ID: RW-7

York Sample ID: 1510432-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 2:55 pm

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
67-66-3	Chloroform	0.21	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK



Sample Information

Client Sample ID: RW-7

York Sample ID: 1510432-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 2:55 pm

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 14:55	09/17/2015 23:30	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 14:55	09/17/2015 23:30	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/17/2015 14:55	09/17/2015 23:30	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	115 %			69-130						
2037-26-5	Surrogate: Toluene-d8	99.5 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	89.9 %			79-122						

Sample Information

Client Sample ID: RW-8

York Sample ID: 1510432-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 3:05 pm

09/11/2015



Sample Information

Client Sample ID: RW-8

York Sample ID: 1510432-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 3:05 pm

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK



Sample Information

Client Sample ID: RW-8

York Sample ID: 1510432-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 3:05 pm

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
67-64-1	Acetone	1.1	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK



Sample Information

Client Sample ID: RW-8

York Sample ID: 1510432-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 3:05 pm

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 14:55	09/18/2015 00:11	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 14:55	09/18/2015 00:11	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/17/2015 14:55	09/18/2015 00:11	BK

Surrogate Recoveries

Result

Acceptance Range

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

118 %

69-130

2037-26-5 Surrogate: Toluene-d8

81.2 %

81-117

460-00-4 Surrogate: p-Bromofluorobenzene

88.3 %

79-122

Sample Information

Client Sample ID: RW-9

York Sample ID: 1510432-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 4:47 pm

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: RW-9

York Sample ID: 1510432-08

<u>York Project (SDG) No.</u> 1510432	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 9, 2015 4:47 pm	<u>Date Received</u> 09/11/2015
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Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	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 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK



Sample Information

Client Sample ID: RW-9

York Sample ID: 1510432-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 4:47 pm

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	1.4	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK



Sample Information

Client Sample ID: RW-9

York Sample ID: 1510432-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 4:47 pm

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 14:55	09/18/2015 00:51	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	09/17/2015 14:55	09/18/2015 00:51	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/17/2015 14:55	09/18/2015 00:51	BK

Surrogate Recoveries

Result

Acceptance Range

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

121 %

69-130

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

91.7 %

81-117

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

89.8 %

79-122

Sample Information

Client Sample ID: MW-A

York Sample ID: 1510432-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510432

Rowe Industries

Water

September 9, 2015 4:00 pm

09/11/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

APPENDIX III
SEPTEMBER 2015 LABORATORY ANALYTICAL REPORTS
FOR AIR SAMPLES



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 204

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 09/25/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15I0797

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 09/25/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15I0797

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
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 23, 2015 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>
15I0797-01	AQ092115:1300NP4-1	Vapor Extraction	09/21/2015	09/23/2015
15I0797-02	AQ092115:1305NP4-2	Vapor Extraction	09/21/2015	09/23/2015
15I0797-03	AQ092115:1310NP4-3	Vapor Extraction	09/21/2015	09/23/2015

General Notes for York Project (SDG) No.: 15I0797

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: 09/25/2015





Sample Information

Client Sample ID: AQ092115:1300NP4-1

York Sample ID: 1510797-01

<u>York Project (SDG) No.</u> 1510797	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Vapor Extraction	<u>Collection Date/Time</u> September 21, 2015 3:00 pm	<u>Date Received</u> 09/23/2015
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Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.2	1.2	1.708	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 22:01	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.93	0.93	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.2	1.2	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.3	1.3	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.93	0.93	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.69	0.69	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.68	0.68	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.3	1.3	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.84	0.84	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.3	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.0	1.0	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.69	0.69	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.79	0.79	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.2	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.84	0.84	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
106-99-0	1,3-Butadiene	ND		ug/m ³	2.2	2.2	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.0	1.0	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.79	0.79	1.708	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 22:01	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.0	1.0	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
123-91-1	1,4-Dioxane	ND		ug/m ³	1.2	1.2	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
78-93-3	2-Butanone	1.0		ug/m ³	0.50	0.50	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
591-78-6	* 2-Hexanone	ND		ug/m ³	1.4	1.4	1.708	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 22:01	ALD
107-05-1	* 3-Chloropropene	ND		ug/m ³	2.7	2.7	1.708	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 22:01	ALD



Sample Information

Client Sample ID: AQ092115:1300NP4-1

York Sample ID: 1510797-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510797

Rowe Industries

Vapor Extraction

September 21, 2015 3:00 pm

09/23/2015

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	0.70		ug/m ³	0.70	0.70	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
67-64-1	Acetone	6.2		ug/m ³	0.81	0.81	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
107-13-1	* Acrylonitrile	ND		ug/m ³	0.37	0.37	1.708	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 22:01	ALD
71-43-2	Benzene	ND		ug/m ³	0.55	0.55	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
100-44-7	Benzyl chloride	ND		ug/m ³	0.88	0.88	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
75-27-4	Bromodichloromethane	ND		ug/m ³	1.1	1.1	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
75-25-2	Bromoform	ND		ug/m ³	1.8	1.8	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
74-83-9	Bromomethane	ND		ug/m ³	0.66	0.66	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
75-15-0	Carbon disulfide	ND		ug/m ³	0.53	0.53	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.27	0.27	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
108-90-7	Chlorobenzene	ND		ug/m ³	0.79	0.79	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
75-00-3	Chloroethane	ND		ug/m ³	0.45	0.45	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
67-66-3	Chloroform	ND		ug/m ³	0.83	0.83	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
74-87-3	Chloromethane	1.8		ug/m ³	0.35	0.35	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.68	0.68	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.78	0.78	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
110-82-7	Cyclohexane	ND		ug/m ³	0.59	0.59	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.4	1.4	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
75-71-8	Dichlorodifluoromethane	2.4		ug/m ³	0.84	0.84	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
141-78-6	* Ethyl acetate	ND		ug/m ³	1.2	1.2	1.708	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 22:01	ALD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.74	0.74	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.8	1.8	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
67-63-0	Isopropanol	ND		ug/m ³	0.84	0.84	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD



Sample Information

Client Sample ID: AQ092115:1300NP4-1

York Sample ID: 1510797-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510797

Rowe Industries

Vapor Extraction

September 21, 2015 3:00 pm

09/23/2015

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.70	0.70	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.61	0.61	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
75-09-2	Methylene chloride	22		ug/m ³	1.2	1.2	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
142-82-5	n-Heptane	ND		ug/m ³	0.70	0.70	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
110-54-3	n-Hexane	7.7		ug/m ³	0.60	0.60	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
95-47-6	o-Xylene	ND		ug/m ³	0.74	0.74	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.5	1.5	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.84	0.84	1.708	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 22:01	ALD
115-07-1	* Propylene	ND		ug/m ³	0.29	0.29	1.708	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 22:01	ALD
100-42-5	Styrene	ND		ug/m ³	0.73	0.73	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
127-18-4	Tetrachloroethylene	2.0		ug/m ³	0.29	0.29	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.0	1.0	1.708	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 22:01	ALD
108-88-3	Toluene	0.64		ug/m ³	0.64	0.64	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.68	0.68	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.78	0.78	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
79-01-6	Trichloroethylene	ND		ug/m ³	0.23	0.23	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	1.7		ug/m ³	0.96	0.96	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
108-05-4	Vinyl acetate	ND		ug/m ³	0.60	0.60	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
593-60-2	Vinyl bromide	ND		ug/m ³	0.75	0.75	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.44	0.44	1.708	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:01	ALD
	Surrogate Recoveries	Result		Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	91.4 %		72-118							



Sample Information

Client Sample ID: AQ092115:1305NP4-2

York Sample ID: 1510797-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510797

Rowe Industries

Vapor Extraction

September 21, 2015 3:00 pm

09/23/2015

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.3	1.3	1.938	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 22:59	ALD
71-55-6	1,1,1-Trichloroethane	1.8		ug/m ³	1.1	1.1	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.3	1.3	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.5	1.5	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.1	1.1	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.78	0.78	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.77	0.77	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.4	1.4	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.95	0.95	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.5	1.5	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.2	1.2	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.78	0.78	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.90	0.90	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.4	1.4	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.95	0.95	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
106-99-0	1,3-Butadiene	ND		ug/m ³	2.5	2.5	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.2	1.2	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.90	0.90	1.938	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 22:59	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.2	1.2	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
123-91-1	1,4-Dioxane	ND		ug/m ³	1.4	1.4	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
78-93-3	2-Butanone	0.63		ug/m ³	0.57	0.57	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
591-78-6	* 2-Hexanone	ND		ug/m ³	1.6	1.6	1.938	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 22:59	ALD
107-05-1	* 3-Chloropropene	ND		ug/m ³	3.0	3.0	1.938	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 22:59	ALD



Sample Information

Client Sample ID: AQ092115:1305NP4-2

York Sample ID: 1510797-02

York Project (SDG) No.

1510797

Client Project ID

Rowe Industries

Matrix

Vapor Extraction

Collection Date/Time

September 21, 2015 3:00 pm

Date Received

09/23/2015

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.79	0.79	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
67-64-1	Acetone	3.4		ug/m ³	0.92	0.92	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
107-13-1	* Acrylonitrile	ND		ug/m ³	0.42	0.42	1.938	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 22:59	ALD
71-43-2	Benzene	ND		ug/m ³	0.62	0.62	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
100-44-7	Benzyl chloride	ND		ug/m ³	1.0	1.0	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
75-27-4	Bromodichloromethane	ND		ug/m ³	1.2	1.2	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
75-25-2	Bromoform	ND		ug/m ³	2.0	2.0	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
74-83-9	Bromomethane	ND		ug/m ³	0.75	0.75	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
75-15-0	Carbon disulfide	ND		ug/m ³	0.60	0.60	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.30	0.30	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
108-90-7	Chlorobenzene	ND		ug/m ³	0.89	0.89	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
75-00-3	Chloroethane	ND		ug/m ³	0.51	0.51	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
67-66-3	Chloroform	ND		ug/m ³	0.95	0.95	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
74-87-3	Chloromethane	ND		ug/m ³	0.40	0.40	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
156-59-2	cis-1,2-Dichloroethylene	2.9		ug/m ³	0.77	0.77	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.88	0.88	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
110-82-7	Cyclohexane	ND		ug/m ³	0.67	0.67	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.6	1.6	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
75-71-8	Dichlorodifluoromethane	3.2		ug/m ³	0.96	0.96	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
141-78-6	* Ethyl acetate	ND		ug/m ³	1.4	1.4	1.938	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 22:59	ALD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.84	0.84	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	2.1	2.1	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
67-63-0	Isopropanol	ND		ug/m ³	0.95	0.95	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD



Sample Information

Client Sample ID: AQ092115:1305NP4-2

York Sample ID: 1510797-02

York Project (SDG) No.

1510797

Client Project ID

Rowe Industries

Matrix

Vapor Extraction

Collection Date/Time

September 21, 2015 3:00 pm

Date Received

09/23/2015

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.79	0.79	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.70	0.70	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
75-09-2	Methylene chloride	2.8		ug/m ³	1.3	1.3	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
142-82-5	n-Heptane	ND		ug/m ³	0.79	0.79	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
110-54-3	n-Hexane	1.0		ug/m ³	0.68	0.68	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
95-47-6	o-Xylene	ND		ug/m ³	0.84	0.84	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.7	1.7	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.95	0.95	1.938	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 22:59	ALD
115-07-1	* Propylene	ND		ug/m ³	0.33	0.33	1.938	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 22:59	ALD
100-42-5	Styrene	ND		ug/m ³	0.83	0.83	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
127-18-4	Tetrachloroethylene	14		ug/m ³	0.33	0.33	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.1	1.1	1.938	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 22:59	ALD
108-88-3	Toluene	ND		ug/m ³	0.73	0.73	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.77	0.77	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.88	0.88	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
79-01-6	Trichloroethylene	ND		ug/m ³	0.26	0.26	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	1.3		ug/m ³	1.1	1.1	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
108-05-4	Vinyl acetate	ND		ug/m ³	0.68	0.68	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
593-60-2	Vinyl bromide	ND		ug/m ³	0.85	0.85	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.50	0.50	1.938	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 22:59	ALD
	Surrogate Recoveries	Result						Acceptance Range			
460-00-4	Surrogate: p-Bromofluorobenzene	91.3 %						72-118			



Sample Information

Client Sample ID: AQ092115:1310NP4-3

York Sample ID: 1510797-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510797

Rowe Industries

Vapor Extraction

September 21, 2015 3:00 pm

09/23/2015

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.2	1.2	1.738	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 23:56	ALD
71-55-6	1,1,1-Trichloroethane	2.3		ug/m ³	0.95	0.95	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.2	1.2	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.3	1.3	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.95	0.95	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.70	0.70	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.69	0.69	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.3	1.3	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.85	0.85	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.3	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.0	1.0	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.70	0.70	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.80	0.80	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.2	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.85	0.85	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
106-99-0	1,3-Butadiene	ND		ug/m ³	2.3	2.3	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.0	1.0	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.80	0.80	1.738	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 23:56	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.0	1.0	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
123-91-1	1,4-Dioxane	ND		ug/m ³	1.3	1.3	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
78-93-3	2-Butanone	0.56		ug/m ³	0.51	0.51	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
591-78-6	* 2-Hexanone	ND		ug/m ³	1.4	1.4	1.738	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 23:56	ALD
107-05-1	* 3-Chloropropene	ND		ug/m ³	2.7	2.7	1.738	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 23:56	ALD



Sample Information

Client Sample ID: AQ092115:1310NP4-3

York Sample ID: 1510797-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510797

Rowe Industries

Vapor Extraction

September 21, 2015 3:00 pm

09/23/2015

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	2.6		ug/m ³	0.71	0.71	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
67-64-1	Acetone	5.7		ug/m ³	0.83	0.83	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
107-13-1	* Acrylonitrile	ND		ug/m ³	0.38	0.38	1.738	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 23:56	ALD
71-43-2	Benzene	ND		ug/m ³	0.56	0.56	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
100-44-7	Benzyl chloride	ND		ug/m ³	0.90	0.90	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
75-27-4	Bromodichloromethane	ND		ug/m ³	1.1	1.1	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
75-25-2	Bromoform	ND		ug/m ³	1.8	1.8	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
74-83-9	Bromomethane	ND		ug/m ³	0.67	0.67	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
75-15-0	Carbon disulfide	ND		ug/m ³	0.54	0.54	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.27	0.27	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
108-90-7	Chlorobenzene	ND		ug/m ³	0.80	0.80	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
75-00-3	Chloroethane	ND		ug/m ³	0.46	0.46	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
67-66-3	Chloroform	ND		ug/m ³	0.85	0.85	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
74-87-3	Chloromethane	ND		ug/m ³	0.36	0.36	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
156-59-2	cis-1,2-Dichloroethylene	1.7		ug/m ³	0.69	0.69	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.79	0.79	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
110-82-7	Cyclohexane	ND		ug/m ³	0.60	0.60	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.4	1.4	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
75-71-8	Dichlorodifluoromethane	3.2		ug/m ³	0.86	0.86	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
141-78-6	* Ethyl acetate	ND		ug/m ³	1.3	1.3	1.738	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 23:56	ALD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.75	0.75	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.9	1.9	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
67-63-0	Isopropanol	ND		ug/m ³	0.85	0.85	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD



Sample Information

Client Sample ID: AQ092115:1310NP4-3

York Sample ID: 1510797-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1510797

Rowe Industries

Vapor Extraction

September 21, 2015 3:00 pm

09/23/2015

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.71	0.71	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.63	0.63	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
75-09-2	Methylene chloride	13		ug/m ³	1.2	1.2	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
142-82-5	n-Heptane	ND		ug/m ³	0.71	0.71	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
110-54-3	n-Hexane	18		ug/m ³	0.61	0.61	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
95-47-6	o-Xylene	ND		ug/m ³	0.75	0.75	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.5	1.5	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.85	0.85	1.738	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 23:56	ALD
115-07-1	* Propylene	ND		ug/m ³	0.30	0.30	1.738	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 23:56	ALD
100-42-5	Styrene	ND		ug/m ³	0.74	0.74	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.29	0.29	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.0	1.0	1.738	EPA TO-15 Certifications:	09/24/2015 12:27	09/24/2015 23:56	ALD
108-88-3	Toluene	ND		ug/m ³	0.65	0.65	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.69	0.69	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.79	0.79	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
79-01-6	Trichloroethylene	ND		ug/m ³	0.23	0.23	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	1.5		ug/m ³	0.98	0.98	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
108-05-4	Vinyl acetate	ND		ug/m ³	0.61	0.61	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
593-60-2	Vinyl bromide	ND		ug/m ³	0.76	0.76	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.44	0.44	1.738	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	09/24/2015 12:27	09/24/2015 23:56	ALD
	Surrogate Recoveries	Result			Acceptance Range						
460-00-4	Surrogate: p-Bromofluorobenzene	93.7 %			72-118						



Analytical Batch Summary

Batch ID: BI51220

Preparation Method: EPA TO15 PREP

Prepared By: ALD

YORK Sample ID	Client Sample ID	Preparation Date
15I0797-01	AQ092115:1300NP4-1	09/24/15
15I0797-02	AQ092115:1305NP4-2	09/24/15
15I0797-03	AQ092115:1310NP4-3	09/24/15
BI51220-BLK1	Blank	09/24/15
BI51220-BS1	LCS	09/24/15



Volatile Organic Compounds in Air 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
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Batch BI51220 - EPA TO15 PREP

Blank (BI51220-BLK1)

Prepared & Analyzed: 09/24/2015

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	1.3	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.62	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.80	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI51220 - EPA TO15 PREP

Blank (BI51220-BLK1)

Prepared & Analyzed: 09/24/2015

o-Xylene	ND	0.43	ug/m ³								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.26	"								

<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.58</i>		<i>ppbv</i>	<i>10.4</i>		<i>92.1</i>	<i>72-118</i>				
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LCS (BI51220-BS1)

Prepared & Analyzed: 09/24/2015

1,1,1,2-Tetrachloroethane	9.58		ppbv	10.5		91.2	82-126				
1,1,1-Trichloroethane	9.83		"	10.2		96.4	70-130				
1,1,2,2-Tetrachloroethane	10.1		"	10.3		98.4	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.4		96.4	70-130				
1,1,2-Trichloroethane	10.6		"	10.3		103	70-130				
1,1-Dichloroethane	10.2		"	10.2		100	70-130				
1,1-Dichloroethylene	10.4		"	10.4		100	70-130				
1,2,4-Trichlorobenzene	6.87		"	9.00		76.3	70-130				
1,2,4-Trimethylbenzene	10.1		"	10.2		98.7	70-130				
1,2-Dibromoethane	10.5		"	10.4		101	70-130				
1,2-Dichlorobenzene	9.21		"	10.1		91.2	70-130				
1,2-Dichloroethane	10.1		"	10.2		99.4	70-130				
1,2-Dichloropropane	10.8		"	10.2		106	70-130				
1,2-Dichlorotetrafluoroethane	11.2		"	9.80		114	70-130				
1,3,5-Trimethylbenzene	9.54		"	10.0		95.4	70-130				
1,3-Butadiene	14.3		"	10.1		141	70-130			High Bias	
1,3-Dichlorobenzene	9.54		"	10.2		93.5	70-130				
1,3-Dichloropropane	10.8		"	10.5		103	70-130				
1,4-Dichlorobenzene	9.44		"	10.1		93.5	70-130				
1,4-Dioxane	10.0		"	10.2		98.5	70-130				
2-Butanone	9.96		"	10.4		95.8	70-130				
2-Hexanone	12.3		"	10.5		117	70-130				
3-Chloropropene	9.71		"	10.7		90.7	70-130				
4-Methyl-2-pentanone	11.1		"	10.2		109	70-130				
Acetone	10.0		"	10.6		94.7	70-130				
Acrylonitrile	11.2		"	10.3		109	70-130				
Benzene	10.0		"	10.3		97.2	70-130				
Benzyl chloride	8.74		"	10.2		85.7	70-130				
Bromodichloromethane	10.9		"	10.2		106	70-130				
Bromoform	8.96		"	10.1		88.7	70-130				
Bromomethane	9.54		"	9.50		100	70-130				
Carbon disulfide	11.2		"	10.5		107	70-130				
Carbon tetrachloride	9.02		"	10.2		88.4	70-130				
Chlorobenzene	9.54		"	10.5		90.9	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BI51220 - EPA TO15 PREP

LCS (BI51220-BS1)

Prepared & Analyzed: 09/24/2015

Chloroethane	9.95		ppbv	9.40		106	70-130				
Chloroform	9.80		"	10.4		94.2	70-130				
Chloromethane	11.7		"	9.80		120	70-130				
cis-1,2-Dichloroethylene	10.1		"	10.2		99.4	70-130				
cis-1,3-Dichloropropylene	11.4		"	11.0		104	70-130				
Cyclohexane	9.88		"	10.3		95.9	70-130				
Dibromochloromethane	10.4		"	10.6		98.3	70-130				
Dichlorodifluoromethane	9.04		"	9.80		92.2	70-130				
Ethyl acetate	10.0		"	10.4		96.4	70-130				
Ethyl Benzene	10.0		"	10.4		96.6	70-130				
Hexachlorobutadiene	8.18		"	9.10		89.9	70-130				
Isopropanol	8.91		"	10.0		89.1	70-130				
Methyl Methacrylate	11.4		"	9.80		116	70-130				
Methyl tert-butyl ether (MTBE)	10.1		"	10.3		97.8	70-130				
Methylene chloride	9.59		"	10.4		92.2	70-130				
n-Heptane	10.2		"	10.5		97.1	70-130				
n-Hexane	10.3		"	10.5		98.0	70-130				
o-Xylene	10.3		"	10.3		100	70-130				
p- & m- Xylenes	21.0		"	20.2		104	70-130				
p-Ethyltoluene	9.83		"	10.0		98.3	70-130				
Propylene	10.0		"	10.6		94.4	70-130				
Styrene	10.3		"	10.2		101	70-130				
Tetrachloroethylene	8.85		"	9.90		89.4	70-130				
Tetrahydrofuran	9.69		"	10.6		91.4	70-130				
Toluene	10.8		"	10.5		103	70-130				
trans-1,2-Dichloroethylene	9.92		"	10.1		98.2	70-130				
trans-1,3-Dichloropropylene	10.9		"	10.3		106	70-130				
Trichloroethylene	10.1		"	10.2		99.0	70-130				
Trichlorofluoromethane (Freon 11)	10.2		"	9.90		104	70-130				
Vinyl acetate	10.2		"	10.7		95.4	70-130				
Vinyl bromide	9.95		"	10.5		94.8	70-130				
Vinyl Chloride	14.3		"	9.90		144	70-130	High Bias			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.69</i>		<i>"</i>	<i>10.4</i>		<i>93.2</i>	<i>72-118</i>				



Notes and Definitions

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

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record - AIR

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

York Project No. 1510797

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>Rowe Industries</u>	RUSH - Same Day	<input type="checkbox"/>	Summary w/ QA Summary	<input checked="" type="checkbox"/>	Summary w/ QA Summary	<input checked="" type="checkbox"/>	CT RCP Package	<input checked="" type="checkbox"/>		
Address: <u>4 Research Dr, Suite 301</u>	Address:	Address:	Address:	RUSH - Next Day	<input type="checkbox"/>	NYS ASP A Package	<input type="checkbox"/>	NYS ASP A Package	<input type="checkbox"/>	NYS ASP B/CLP Pkg	<input checked="" type="checkbox"/>		
Phone No: <u>203-929-8555</u>	Phone No:	Phone No:	Phone No:	RUSH - Two Day	<input type="checkbox"/>	NIDEP Reduced	<input type="checkbox"/>	NIDEP Reduced	<input checked="" type="checkbox"/>	Electronic Deliverables	<input type="checkbox"/>		
Contact Person: <u>Tonde Sandoz</u>	Attention:	Attention:	Attention:	RUSH - Three Day	<input type="checkbox"/>	EDD (Specify Type)	<input type="checkbox"/>	EDD (Specify Type)	<input type="checkbox"/>	Standard Excel	<input checked="" type="checkbox"/>		
E-Mail Address: <u>TSandoz@LBGCT.com</u>	E-Mail Address:	E-Mail Address:	E-Mail Address:	RUSH - Four Day	<input type="checkbox"/>	Regulatory Comparison Excel	<input type="checkbox"/>	Regulatory Comparison Excel	<input type="checkbox"/>	Special Instructions	<input type="checkbox"/>		
<p>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.</p>													
Air Matrix Codes: AI- INDOOR Ambient Air AO- OUTDOOR Amb. Air AB- Vapor Extraction Well/ Process Gas/Effluent AS- SOIL Vapor/Sub-Slab		TO15 Volatiles and Other Gas Analyses EPA TO-14A List Tentatively Identified Compounds		EPA TO-15 List NYSDEC VI list		Detection Limits Required ≤ 1 ug/m ³ NYSDEC VI Limits (M-parameters) NIDEP low level Routine Survey Other		Samples Collected/Authorized By (Signature) <u>Evan Foster</u> Name (printed)		Choose Analyzers Needed from the Menu Above and Enter Below EPA TO-15 LIST		Sampling Media 6 Liter Summa canister ✓ Tedlar Bag ✓ 6 Liter Summa canister ✓ Tedlar Bag ✓ 6 Liter Summa canister ✓ Tedlar Bag ✓ 6 Liter Summa canister ✓ Tedlar Bag ✓ 6 Liter Summa canister ✓ Tedlar Bag ✓ 6 Liter Summa canister ✓ Tedlar Bag ✓ 6 Liter Summa canister ✓ Tedlar Bag ✓ 6 Liter Summa canister ✓ Tedlar Bag ✓ 6 Liter Summa canister ✓ Tedlar Bag ✓	
Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (m. Hg)	Canister Vacuum After Sampling (m. Hg)	Samples Relinquished By [Signature] 9/21/15 1800 Date/Time		Samples Relinquished By [Signature] 9/23/15 1622 Date/Time		Comments LBG Fridge		Samples Received in LAB by [Signature] 9/23/15 1622 Date/Time		
AQ092115-1300NP4-1	9-21-15	AE			Samples Relinquished By [Signature] 9/23/15 10:45 Date/Time		Samples Received in LAB by [Signature] 9/23/15 1622 Date/Time		Comments LBG Fridge		Samples Received in LAB by [Signature] 9/23/15 1622 Date/Time		
" 1305NP4-2	↓	AE											
" 1310NP4-3	↓	AC											