

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	---	---
1-May-15	^{3/}	168	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.986	0.113
13-May-15	^{3/}	156	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.997	0.034
27-May-15	6.7	152	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.88	0.076

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

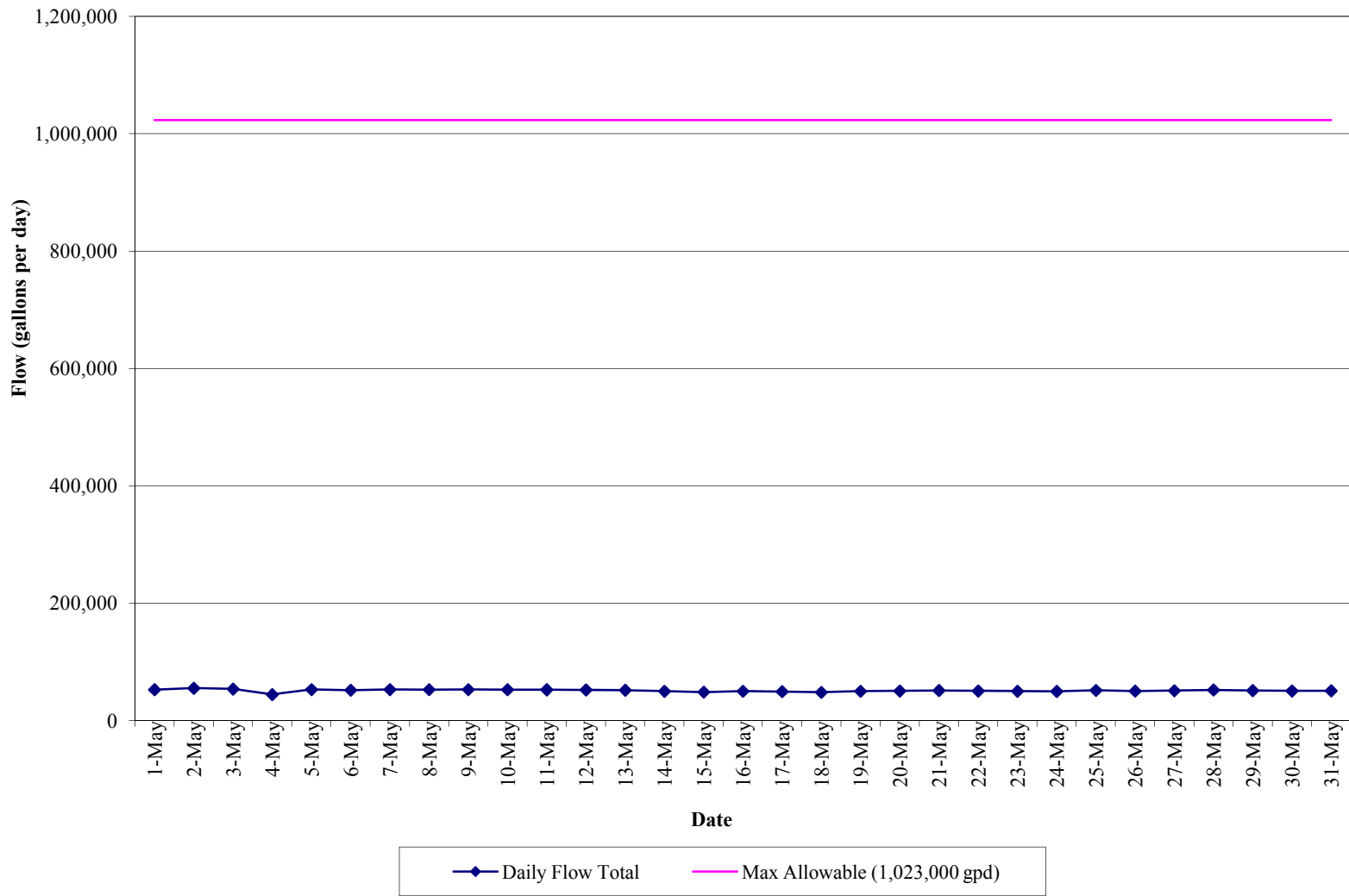
trans-1,2,-DCE: trans-1,2-Dichloroethene

Notes:

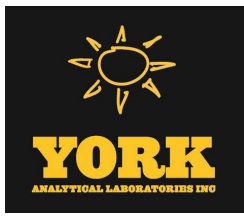
- Based on the SPDES criteria from an NYSDEC letter dated on October 21, 2011, the new allowable pH range for the Rowe Site is between 5.0 and 8.5.
- "Effluent" samples were collected from sample port labeled NP2-10 unless otherwise noted.
- pH was not measured, however, the pH during 2015 has ranged from 6.7 to 7.7.

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

**Effluent Flow Data
(May 1, 2015 to May 31, 2015)**



APPENDIX I
MAY 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: 05/11/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15E0129

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 05/11/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15E0129

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 May 05, 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>
15E0129-01	WQ050115:1110NP2-10	Water	05/01/2015	05/05/2015
15E0130-01	WQ050115:1100NP2-6	Water	05/01/2015	05/05/2015
15E0130-02	WQ050115:1105NP2-7	Water	05/01/2015	05/05/2015

General Notes for York Project (SDG) No.: 15E0129

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: 05/11/2015





Sample Information

Client Sample ID: WQ050115:1110NP2-10

York Sample ID: 15E0129-01

<u>York Project (SDG) No.</u> 15E0129	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 1, 2015 11:10 am	<u>Date Received</u> 05/05/2015
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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	05/08/2015 17:10	05/09/2015 09:39	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	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	05/08/2015 17:10	05/09/2015 09:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS



Sample Information

Client Sample ID: WQ050115:1110NP2-10

York Sample ID: 15E0129-01

York Project (SDG) No.

Client Project ID

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Collection Date/Time

Date Received

15E0129

Rowe Industries

Water

May 1, 2015 11:10 am

05/05/2015

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	05/08/2015 17:10	05/09/2015 09:39	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS



Sample Information

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Rowe Industries

Water

May 1, 2015 11:10 am

05/05/2015

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	05/08/2015 17:10	05/09/2015 09:39	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/08/2015 17:10	05/09/2015 09:39	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/08/2015 17:10	05/09/2015 09:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/08/2015 17:10	05/09/2015 09:39	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %			69-130						
2037-26-5	Surrogate: Toluene-d8	99.3 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	106 %			79-122						

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

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	0.986		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2015 14:19	05/08/2015 03:47	MW



Sample Information

Client Sample ID: WQ050115:1110NP2-10

York Sample ID: 15E0129-01

York Project (SDG) No.

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Matrix

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15E0129

Rowe Industries

Water

May 1, 2015 11:10 am

05/05/2015

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

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	0.113		mg/L	0.0200	0.0200	1	EPA 6010C	05/07/2015 13:51	05/08/2015 01:05	MW
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Dissolved Solids

Log-in Notes:

Sample Notes:

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	168		mg/L	10.0	10.0	1	SM 2540C	05/05/2015 18:05	05/05/2015 18:05	AA
									Certifications: NELAC-NY10854,CTDOH,NJDEP		

Sample Information

Client Sample ID: WQ050115:1100NP2-6

York Sample ID: 15E0130-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0130

Rowe Industries

Water

May 1, 2015 11:00 am

05/05/2015

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	05/08/2015 17:10	05/09/2015 10:12	SS
									Certifications: CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/08/2015 17:10	05/09/2015 10:12	SS
									Certifications: CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/08/2015 17:10	05/09/2015 10:12	SS
									Certifications: CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/08/2015 17:10	05/09/2015 10:12	SS
									Certifications: CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/08/2015 17:10	05/09/2015 10:12	SS
									Certifications: CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/08/2015 17:10	05/09/2015 10:12	SS
									Certifications: CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/08/2015 17:10	05/09/2015 10:12	SS
									Certifications: CTDOH,NELAC-NY10854,NJDEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/08/2015 17:10	05/09/2015 10:12	SS
									Certifications: NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/08/2015 17:10	05/09/2015 10:12	SS
									Certifications: NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/08/2015 17:10	05/09/2015 10:12	SS
									Certifications: NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/08/2015 17:10	05/09/2015 10:12	SS
									Certifications: NELAC-NY10854,NJDEP		



Sample Information

Client Sample ID: WQ050115:1100NP2-6

York Sample ID: 15E0130-01

York Project (SDG) No.

Client Project ID

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Collection Date/Time

Date Received

15E0130

Rowe Industries

Water

May 1, 2015 11:00 am

05/05/2015

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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS



Sample Information

Client Sample ID: WQ050115:1100NP2-6

York Sample ID: 15E0130-01

York Project (SDG) No.

Client Project ID

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Rowe Industries

Water

May 1, 2015 11:00 am

05/05/2015

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
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
156-59-2	cis-1,2-Dichloroethylene	0.53		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/08/2015 17:10	05/09/2015 10:12	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/08/2015 17:10	05/09/2015 10:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
127-18-4	Tetrachloroethylene	6.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS



Sample Information

Client Sample ID: WQ050115:1100NP2-6

York Sample ID: 15E0130-01

York Project (SDG) No.

Client Project ID

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Rowe Industries

Water

May 1, 2015 11:00 am

05/05/2015

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
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
79-01-6	Trichloroethylene	0.45	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/08/2015 17:10	05/09/2015 10:12	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %			69-130						
2037-26-5	Surrogate: Toluene-d8	100 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	105 %			79-122						

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

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	1.88		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2015 14:19	05/08/2015 04:05	MW

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

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	ND		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2015 13:51	05/08/2015 01:36	MW

Sample Information

Client Sample ID: WQ050115:1105NP2-7

York Sample ID: 15E0130-02

York Project (SDG) No.

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Collection Date/Time

Date Received

15E0130

Rowe Industries

Water

May 1, 2015 11:05 am

05/05/2015

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
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Sample Information

Client Sample ID: WQ050115:1105NP2-7

York Sample ID: 15E0130-02

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Rowe Industries

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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	05/08/2015 17:10	05/09/2015 10:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	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	05/08/2015 17:10	05/09/2015 10:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS



Sample Information

Client Sample ID: WQ050115:1105NP2-7

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Date Received

15E0130

Rowe Industries

Water

May 1, 2015 11:05 am

05/05/2015

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	05/08/2015 17:10	05/09/2015 10:44	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS



Sample Information

Client Sample ID: WQ050115:1105NP2-7

York Sample ID: 15E0130-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0130

Rowe Industries

Water

May 1, 2015 11:05 am

05/05/2015

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	05/08/2015 17:10	05/09/2015 10:44	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/08/2015 17:10	05/09/2015 10:44	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/08/2015 17:10	05/09/2015 10:44	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/08/2015 17:10	05/09/2015 10:44	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %			69-130						
2037-26-5	Surrogate: Toluene-d8	99.5 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	103 %			79-122						

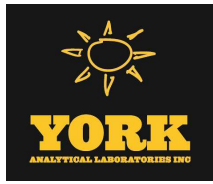
Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

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	0.699		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2015 14:19	05/08/2015 04:10	MW



Sample Information

Client Sample ID: WQ050115:1105NP2-7

York Sample ID: 15E0130-02

York Project (SDG) No.
15E0130

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
May 1, 2015 11:05 am

Date Received
05/05/2015

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

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	0.157		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/07/2015 13:51	05/08/2015 01:41	MW



Analytical Batch Summary

Batch ID: BE50233 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
15E0129-01	WQ050115:1110NP2-10	05/05/15
BE50233-BLK1	Blank	05/05/15

Batch ID: BE50298 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
15E0129-01	WQ050115:1110NP2-10	05/06/15
15E0130-01	WQ050115:1100NP2-6	05/06/15
15E0130-02	WQ050115:1105NP2-7	05/06/15
BE50298-BLK1	Blank	05/06/15
BE50298-DUP1	Duplicate	05/06/15
BE50298-MS1	Matrix Spike	05/06/15
BE50298-SRM1	Reference	05/06/15

Batch ID: BE50361 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
15E0129-01	WQ050115:1110NP2-10	05/07/15
15E0130-01	WQ050115:1100NP2-6	05/07/15
15E0130-02	WQ050115:1105NP2-7	05/07/15
BE50361-BLK1	Blank	05/07/15
BE50361-DUP1	Duplicate	05/07/15
BE50361-MS1	Matrix Spike	05/07/15
BE50361-SRM1	Reference	05/07/15

Batch ID: BE50454 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15E0129-01	WQ050115:1110NP2-10	05/08/15
15E0130-01	WQ050115:1100NP2-6	05/08/15
15E0130-02	WQ050115:1105NP2-7	05/08/15
BE50454-BLK1	Blank	05/08/15
BE50454-BS1	LCS	05/08/15
BE50454-BSD1	LCS Dup	05/08/15



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 BE50454 - EPA 5030B

Blank (BE50454-BLK1)

Prepared: 05/08/2015 Analyzed: 05/09/2015

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	0.40	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.29	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	1.9	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	0.23	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 BE50454 - EPA 5030B

Blank (BE50454-BLK1)

Prepared: 05/08/2015 Analyzed: 05/09/2015

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>9.46</i>		<i>"</i>	<i>10.0</i>		<i>94.6</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>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>		<i>79-122</i>			

LCS (BE50454-BS1)

Prepared: 05/08/2015 Analyzed: 05/09/2015

1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108		82-126			
1,1,1-Trichloroethane	10.9		"	10.0		109		78-136			
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104		76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.90		"	10.0		99.0		54-165			
1,1,2-Trichloroethane	10.4		"	10.0		104		82-123			
1,1-Dichloroethane	10.9		"	10.0		109		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	10.7		"	10.0		107		76-136			
1,2,3-Trichloropropane	10.3		"	10.0		103		77-128			
1,2,4-Trichlorobenzene	10.2		"	10.0		102		76-137			
1,2,4-Trimethylbenzene	10.3		"	10.0		103		82-132			
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106		45-147			
1,2-Dibromoethane	10.6		"	10.0		106		83-124			
1,2-Dichlorobenzene	10.5		"	10.0		105		79-123			
1,2-Dichloroethane	10.6		"	10.0		106		73-132			
1,2-Dichloropropane	10.5		"	10.0		105		78-126			
1,3,5-Trimethylbenzene	10.6		"	10.0		106		80-131			
1,3-Dichlorobenzene	10.5		"	10.0		105		86-122			
1,3-Dichloropropane	10.6		"	10.0		106		81-125			
1,4-Dichlorobenzene	10.4		"	10.0		104		85-124			
2,2-Dichloropropane	8.97		"	10.0		89.7		56-150			
2-Chlorotoluene	10.4		"	10.0		104		79-130			
2-Hexanone	10.4		"	10.0		104		51-146			
4-Chlorotoluene	10.7		"	10.0		107		79-128			
Acetone	9.87		"	10.0		98.7		14-150			
Benzene	10.6		"	10.0		106		85-126			
Bromobenzene	10.6		"	10.0		106		78-129			
Bromochloromethane	11.1		"	10.0		111		77-128			
Bromodichloromethane	10.8		"	10.0		108		79-128			
Bromoform	11.4		"	10.0		114		78-133			
Bromomethane	11.3		"	10.0		113		43-168			
Carbon tetrachloride	11.2		"	10.0		112		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	
		Limit								RPD	Limit

Batch BE50454 - EPA 5030B

LCS (BE50454-BS1)

Prepared: 05/08/2015 Analyzed: 05/09/2015

Chloroethane	8.94		ug/L	10.0		89.4	65-136				
Chloroform	10.9		"	10.0		109	82-128				
Chloromethane	10.3		"	10.0		103	43-155				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-131				
Dibromochloromethane	10.9		"	10.0		109	80-130				
Dibromomethane	10.4		"	10.0		104	72-134				
Dichlorodifluoromethane	9.70		"	10.0		97.0	44-144				
Ethyl Benzene	10.6		"	10.0		106	80-131				
Hexachlorobutadiene	10.3		"	10.0		103	67-146				
Isopropylbenzene	10.8		"	10.0		108	76-140				
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135				
Methylene chloride	10.0		"	10.0		100	55-137				
Naphthalene	9.98		"	10.0		99.8	70-147				
n-Butylbenzene	10.5		"	10.0		105	79-132				
n-Propylbenzene	10.7		"	10.0		107	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	22.0		"	20.0		110	77-133				
p-Isopropyltoluene	10.6		"	10.0		106	81-136				
sec-Butylbenzene	10.7		"	10.0		107	79-137				
Styrene	10.9		"	10.0		109	67-132				
tert-Butylbenzene	10.8		"	10.0		108	77-138				
Tetrachloroethylene	10.4		"	10.0		104	82-131				
Toluene	10.1		"	10.0		101	80-127				
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	78-131				
Trichloroethylene	10.5		"	10.0		105	82-128				
Trichlorofluoromethane	10.2		"	10.0		102	67-139				
Vinyl Chloride	10.4		"	10.0		104	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.96</i>		<i>"</i>	<i>10.0</i>		<i>99.6</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.98</i>		<i>"</i>	<i>10.0</i>		<i>99.8</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	Flag	RPD		
		Limit						Units	Level	Result
Batch BE50454 - EPA 5030B										
LCS Dup (BE50454-BSD1)										
Prepared: 05/08/2015 Analyzed: 05/09/2015										
1,1,1,2-Tetrachloroethane	11.1		ug/L	10.0	111	82-126		2.93	30	
1,1,1-Trichloroethane	10.2		"	10.0	102	78-136		6.35	30	
1,1,2,2-Tetrachloroethane	10.7		"	10.0	107	76-129		2.37	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.85		"	10.0	88.5	54-165		11.2	30	
1,1,2-Trichloroethane	10.7		"	10.0	107	82-123		3.12	30	
1,1-Dichloroethane	10.6		"	10.0	106	82-129		2.51	30	
1,1-Dichloroethylene	10.2		"	10.0	102	68-138		7.93	30	
1,1-Dichloropropylene	10.2		"	10.0	102	83-133		5.42	30	
1,2,3-Trichlorobenzene	11.3		"	10.0	113	76-136		5.73	30	
1,2,3-Trichloropropane	10.4		"	10.0	104	77-128		0.676	30	
1,2,4-Trichlorobenzene	10.7		"	10.0	107	76-137		5.09	30	
1,2,4-Trimethylbenzene	10.2		"	10.0	102	82-132		0.391	30	
1,2-Dibromo-3-chloropropane	11.1		"	10.0	111	45-147		4.80	30	
1,2-Dibromoethane	10.9		"	10.0	109	83-124		2.51	30	
1,2-Dichlorobenzene	10.6		"	10.0	106	79-123		0.761	30	
1,2-Dichloroethane	10.7		"	10.0	107	73-132		1.31	30	
1,2-Dichloropropane	10.8		"	10.0	108	78-126		2.54	30	
1,3,5-Trimethylbenzene	10.4		"	10.0	104	80-131		2.58	30	
1,3-Dichlorobenzene	10.4		"	10.0	104	86-122		0.574	30	
1,3-Dichloropropane	10.9		"	10.0	109	81-125		2.78	30	
1,4-Dichlorobenzene	10.4		"	10.0	104	85-124		0.193	30	
2,2-Dichloropropane	8.26		"	10.0	82.6	56-150		8.24	30	
2-Chlorotoluene	10.2		"	10.0	102	79-130		1.94	30	
2-Hexanone	11.0		"	10.0	110	51-146		5.90	30	
4-Chlorotoluene	10.7		"	10.0	107	79-128		0.00	30	
Acetone	9.79		"	10.0	97.9	14-150		0.814	30	
Benzene	10.4		"	10.0	104	85-126		1.53	30	
Bromobenzene	10.4		"	10.0	104	78-129		1.24	30	
Bromochloromethane	11.0		"	10.0	110	77-128		1.08	30	
Bromodichloromethane	11.0		"	10.0	110	79-128		1.10	30	
Bromoform	11.5		"	10.0	115	78-133		0.964	30	
Bromomethane	11.3		"	10.0	113	43-168		0.266	30	
Carbon tetrachloride	10.2		"	10.0	102	77-141		9.28	30	
Chlorobenzene	10.7		"	10.0	107	88-120		0.936	30	
Chloroethane	7.79		"	10.0	77.9	65-136		13.7	30	
Chloroform	10.7		"	10.0	107	82-128		1.48	30	
Chloromethane	9.90		"	10.0	99.0	43-155		4.35	30	
cis-1,2-Dichloroethylene	10.4		"	10.0	104	83-129		3.02	30	
cis-1,3-Dichloropropylene	10.6		"	10.0	106	80-131		0.950	30	
Dibromochloromethane	11.4		"	10.0	114	80-130		4.49	30	
Dibromomethane	10.6		"	10.0	106	72-134		2.57	30	
Dichlorodifluoromethane	8.58		"	10.0	85.8	44-144		12.3	30	
Ethyl Benzene	10.6		"	10.0	106	80-131		0.754	30	
Hexachlorobutadiene	10.1		"	10.0	101	67-146		1.76	30	
Isopropylbenzene	10.4		"	10.0	104	76-140		3.79	30	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0	109	76-135		1.02	30	
Methylene chloride	9.91		"	10.0	99.1	55-137		1.10	30	
Naphthalene	10.6		"	10.0	106	70-147		5.74	30	
n-Butylbenzene	10.1		"	10.0	101	79-132		3.49	30	
n-Propylbenzene	10.2		"	10.0	102	78-133		4.02	30	
o-Xylene	10.6		"	10.0	106	78-130		2.09	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 BE50454 - EPA 5030B

LCS Dup (BE50454-BSD1)

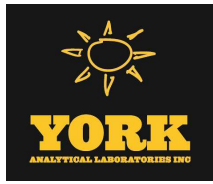
Prepared: 05/08/2015 Analyzed: 05/09/2015

p- & m- Xylenes	21.1		ug/L	20.0		105	77-133		4.23	30
p-Isopropyltoluene	10.3		"	10.0		103	81-136		2.68	30
sec-Butylbenzene	10.2		"	10.0		102	79-137		4.58	30
Styrene	11.0		"	10.0		110	67-132		1.37	30
tert-Butylbenzene	10.3		"	10.0		103	77-138		4.37	30
Tetrachloroethylene	10.1		"	10.0		101	82-131		2.94	30
Toluene	10.0		"	10.0		100	80-127		0.696	30
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		2.74	30
trans-1,3-Dichloropropylene	10.7		"	10.0		107	78-131		3.23	30
Trichloroethylene	10.3		"	10.0		103	82-128		1.92	30
Trichlorofluoromethane	8.98		"	10.0		89.8	67-139		12.5	30
Vinyl Chloride	9.49		"	10.0		94.9	58-145		8.96	30
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</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>9.71</i>		<i>"</i>	<i>10.0</i>		<i>97.1</i>	<i>79-122</i>			



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

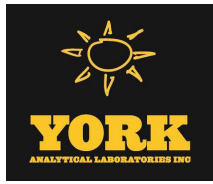
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE50298 - EPA 3010A											
Blank (BE50298-BLK1)										Prepared: 05/06/2015 Analyzed: 05/08/2015	
Iron	ND	0.0200	mg/L								
Duplicate (BE50298-DUP1)										*Source sample: 15E0129-01 (WQ050115:1110NP2-10) Prepared: 05/06/2015 Analyzed: 05/08/2015	
Iron	0.970	0.0200	mg/L		0.986				1.61	20	
Matrix Spike (BE50298-MS1)										*Source sample: 15E0129-01 (WQ050115:1110NP2-10) Prepared: 05/06/2015 Analyzed: 05/08/2015	
Iron	2.02	0.0200	mg/L	1.00	0.986	103	75-125				
Reference (BE50298-SRM1)										Prepared: 05/06/2015 Analyzed: 05/08/2015	
Iron	1.34	0.0200	mg/L	1.32		101	84.8-115				
Batch BE50361 - EPA 3010A											
Blank (BE50361-BLK1)										Prepared: 05/07/2015 Analyzed: 05/08/2015	
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BE50361-DUP1)										*Source sample: 15E0129-01 (WQ050115:1110NP2-10) Prepared: 05/07/2015 Analyzed: 05/08/2015	
Iron - Dissolved	0.111	0.0200	mg/L		0.113				1.59	20	
Matrix Spike (BE50361-MS1)										*Source sample: 15E0129-01 (WQ050115:1110NP2-10) Prepared: 05/07/2015 Analyzed: 05/08/2015	
Iron - Dissolved	1.17	0.0200	mg/L	1.00	0.113	106	75-125				
Reference (BE50361-SRM1)										Prepared: 05/07/2015 Analyzed: 05/08/2015	
Iron - Dissolved	1.33	0.0200	mg/L	1.32		101	84.8-115				



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
Batch BE50233 - % Solids Prep											
Blank (BE50233-BLK1)										Prepared & Analyzed: 05/05/2015	
Total Dissolved Solids	ND	10.0	mg/L								



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15E0129-01	WQ050115:1110NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15E0130-01	WQ050115:1100NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15E0130-02	WQ050115:1105NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

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

* 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, INC.

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


Field Chain-of-Custody Record

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

York Project No. 15E0129

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>		<u>Rowe Industries</u>		RUSH - Same Day <input type="checkbox"/>		Summary Report <u>X, pdf</u>	
Address: <u>4 Research Dr, Suite 301</u>		Address:		Address:				RUSH - Next Day <input type="checkbox"/>		Summary w/ QA Summary <u>X, pdf</u>	
Address: <u>Shelton, CT 06484</u>								RUSH - Two Day <input type="checkbox"/>		CT RCP Package	
Phone No. <u>203-929-8555</u>		Phone No.:		Phone No.:				RUSH - Three Day <input type="checkbox"/>		CTRCP DQ/DUE Pkg	
Contact Person: <u>Tunde Sandor</u>		Attention:		Attention:				RUSH - Four Day <input type="checkbox"/>		NY ASP A Package	
E-Mail Address: <u>TSandor@LBGCT.com</u>		E-Mail Address: <u>↓</u>		E-Mail Address: <u>↓</u>		Purchase Order No. <u>NAB5AC</u>		Standard(5-7 Days) <input checked="" type="checkbox"/>		NY ASP B Package <u>102-10 only, pdf</u>	
						Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>				NJDEP Red. Deliv.	

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


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

Volatiles	Semi-Vols	Pesticides	Metals	Misc. Org.	Pull Lists	Misc.
8260 full TICs	8270 or 625	8082 PCB	RCRA8	TPH GRO	Pri. Poll.	Cerrosivity
624 Site Spec	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Oppns	Reactivity
STARS list Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Met. CN	Ignitability
BTEX Suffolk Co.	Acids Only	CT RCP	CT 15 list	NY 310-13	Full TCLP	Flash Point
MTBE Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360 Residue	Heteroatrophs
TAGM list TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360 Residue	TOX
CT RCP list 524.2	TCL list	TCLP Post	Dissolved	Air STARS	Part 360 Residue	BTU/b.
Aroun. only 502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Residue	Aquatic Tox.
Halog. only NJDEP list	App. IX	Chlordane	Int. Meth.	Air TICs	NYCDEP Sewer	TOC
App. IX list SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methine	NYSEDCS Sewer	Asbestos
8021B list	SPLP or TCLP	608 PCB		Halogen	TAGM	Silica

Electronic Data Deliverables (EDD)

Simple Excel X

NYSDEC EQUS _____

EQUS (std) _____

EZ-EDD (EQUS) _____

NJDEP SRP HazSite EDD _____

GIS/KEY (std) _____

Other _____

York Regulatory Comparison _____

Excel Spreadsheet _____

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
<u>WQ050115: 1100 NP2-6</u>	<u>5/1/15 1100</u>	<u>GW</u>	<u>Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SWP46-6010B) / VOCs, P260 List (EPA SWP45-P260B) plus from 113</u>	
<u>WQ050115: 1105 NP2-7</u>	<u>↓ 1105</u>	<u>GW</u>	<u>↓</u>	
<u>WQ050115: 1110 NP2-10</u>	<u>↓ 1110</u>	<u>GW</u>	<u>Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SWP46-6010B) / VOCs, P260 List (EPA SWP45-P260A) plus from 113 / TOS (9H 2540 C)</u>	

Comments

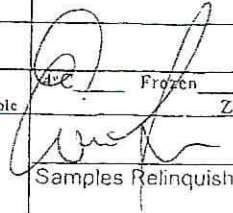
Preservation Vial Frozen HCl MeOH HNO₃ H₂O₂ NaOH

Check those Applicable

Special Instructions

Field Filtered

Lab to Filter

 5/5/15 1145
 Samples Relinquished By _____ Date/Time _____

5/5/15 11:45
 Samples Received By _____ Date/Time _____

5/5/15 1425
 Samples Received in Lab by _____ Date/Time _____

Temperature on Receipt 4.1 °C

YORK

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

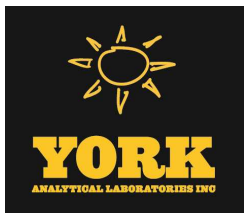
Field Chain-of-Custody Record

Page 1 of 1

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

York Project No. 1560130

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type	
Company: <u>LBG</u> Address: <u>4 Research Dr. Suite 301</u> <u>Shelton, CT 06484</u> Phone No. <u>203-929-8555</u> Contact Person: <u>Tunde Sander</u> E-Mail Address: <u>Tsander@LBG-CT.com</u>	Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____	Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____	<u>Apwe Industries</u> Purchase Order No. <u>NABSA6</u> Samples from: CT __ NY __ NJ __	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"/>	Summary Report <u>X</u> pdf Summary w/ QA summary <u>X</u> pdf CT RCP Package CT RCP DQADUE Pkg NY ASP A Package NY ASP B Package <u>NE2-10 only</u> pdf. NUDEP Red. Deliv. Electronic Data Deliverables (EDD)	
Matrix Codes S - soil Other - specify (oil, etc) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor	Volatiles 8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list	Semit. Vol. 8270 or 625 STARS list BN Only PAH list TAGM list CT RCP list TCL list NUDEP list App. IX list STP/TCLP	Perf. Control 8082 PCB 8081 Pest 815 Herb CT RCP App. IX Site Spec. STP/TCLP TCLP Pest TCLP Herb Chloroform 608 Pest STP/TCLP 608 PCB	Misc. Org. TPH DRO TPH DRO CT ETPH NY 310-13 TPH 1664 NUDEP list Air TO14A Air TO15 Dissolved STP/TCLP Ind. Metals LIST Below Hydroc.	Full Lists Pri. Poll. TCL Organs TAL-Metals Full TCLP Full App. IX Part 309-Resurf Part 360-Resurf Part 360-Resurf Part 360-Resurf NYDEP NYDEP TACHS	Misc. Censivity Reactivity Ignitability Flash Point Siens-Avail. Hexachlorob TOX BTU/bp Aromatic Tox. NYDEP TOC Asbestos Silicon
Name (printed) <u>STEPHEN MNAT</u>	Date Sampled <u>8/1/15 1100</u> <u>1105</u> <u>1110</u>	Sample Matrix <u>GW</u> <u>GW</u> <u>GW</u>	Choose Analyses Needed from the Menu Above and Enter Below <u>Fe by EPA 800.7/Fe, Dissolved by EPA 6010 (SW-846-6010B) / PCCs,</u> <u>Pb60 list (EPA SW-846-8260B) plus from 113</u> <u>Fe by EPA 800.7/Fe, Dissolved by EPA 6010 (SW-846-6010B) / PCCs</u> <u>Pb60 list (EPA SW-846-8260B) plus from 113 / TDS (SH 2540c)</u>	Container Description(s)		
Comments Preservation Check (dose applicable) Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>	Samples Relinquished By <u>[Signature]</u> Date/Time <u>5/15/15 1145</u>	Samples Received By <u>[Signature]</u> Date/Time <u>5/15/15 1145</u>	Samples Relinquished In L.A.R. by Date/Time	Temperature on Receipt <u>4.1</u> °C		



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 204

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 05/26/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15E0662

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 05/26/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15E0662

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 May 18, 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>
15E0662-01	WQ051315:1210NP2-10	Water	05/13/2015	05/18/2015
15E0664-01	WQ051315:1200NP2-6	Water	05/13/2015	05/18/2015
15E0664-02	WQ051315:1205NP2-7	Water	05/13/2015	05/18/2015

General Notes for York Project (SDG) No.: 15E0662

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: 05/26/2015





Sample Information

Client Sample ID: WQ051315:1210NP2-10

York Sample ID: 15E0662-01

<u>York Project (SDG) No.</u> 15E0662	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 13, 2015 12:10 pm	<u>Date Received</u> 05/18/2015
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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	05/21/2015 16:49	05/22/2015 08:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	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	05/21/2015 16:49	05/22/2015 08:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
95-63-6	1,2,4-Trimethylbenzene	0.39	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS



Sample Information

Client Sample ID: WQ051315:1210NP2-10

York Sample ID: 15E0662-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0662

Rowe Industries

Water

May 13, 2015 12:10 pm

05/18/2015

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	05/21/2015 16:49	05/22/2015 08:17	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS



Sample Information

Client Sample ID: WQ051315:1210NP2-10

York Sample ID: 15E0662-01

York Project (SDG) No.

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Matrix

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Rowe Industries

Water

May 13, 2015 12:10 pm

05/18/2015

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	05/21/2015 16:49	05/22/2015 08:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/21/2015 16:49	05/22/2015 08:17	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/21/2015 16:49	05/22/2015 08:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/21/2015 16:49	05/22/2015 08:17	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			69-130						
2037-26-5	Surrogate: Toluene-d8	98.0 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	107 %			79-122						

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

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	0.997		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2015 15:41	05/22/2015 22:38	MW



Sample Information

Client Sample ID: WQ051315:1210NP2-10

York Sample ID: 15E0662-01

York Project (SDG) No.

Client Project ID

Matrix

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Rowe Industries

Water

May 13, 2015 12:10 pm

05/18/2015

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

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	0.0340		mg/L	0.0200	0.0200	1	EPA 6010C	05/22/2015 15:39	05/22/2015 21:29	MW
									Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Dissolved Solids

Log-in Notes:

Sample Notes:

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	05/20/2015 12:26	05/20/2015 12:26	AA
									Certifications: NELAC-NY10854,CTDOH,NJDEP		

Sample Information

Client Sample ID: WQ051315:1200NP2-6

York Sample ID: 15E0664-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0664

Rowe Industries

Water

May 13, 2015 12:00 pm

05/18/2015

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	05/21/2015 16:49	05/22/2015 08:47	SS
									Certifications: CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/21/2015 16:49	05/22/2015 08:47	SS
									Certifications: CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/21/2015 16:49	05/22/2015 08:47	SS
									Certifications: CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/21/2015 16:49	05/22/2015 08:47	SS
									Certifications: CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/21/2015 16:49	05/22/2015 08:47	SS
									Certifications: CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/21/2015 16:49	05/22/2015 08:47	SS
									Certifications: CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/21/2015 16:49	05/22/2015 08:47	SS
									Certifications: CTDOH,NELAC-NY10854,NJDEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/21/2015 16:49	05/22/2015 08:47	SS
									Certifications: NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/21/2015 16:49	05/22/2015 08:47	SS
									Certifications: NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/21/2015 16:49	05/22/2015 08:47	SS
									Certifications: NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/21/2015 16:49	05/22/2015 08:47	SS
									Certifications: NELAC-NY10854,NJDEP		



Sample Information

Client Sample ID: WQ051315:1200NP2-6

York Sample ID: 15E0664-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0664

Rowe Industries

Water

May 13, 2015 12:00 pm

05/18/2015

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
95-63-6	1,2,4-Trimethylbenzene	0.28	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS



Sample Information

Client Sample ID: WQ051315:1200NP2-6

York Sample ID: 15E0664-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0664

Rowe Industries

Water

May 13, 2015 12:00 pm

05/18/2015

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
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
156-59-2	cis-1,2-Dichloroethylene	0.28	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/21/2015 16:49	05/22/2015 08:47	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/21/2015 16:49	05/22/2015 08:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
127-18-4	Tetrachloroethylene	3.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS



Sample Information

Client Sample ID: WQ051315:1200NP2-6

York Sample ID: 15E0664-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0664

Rowe Industries

Water

May 13, 2015 12:00 pm

05/18/2015

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
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
79-01-6	Trichloroethylene	0.36	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/21/2015 16:49	05/22/2015 08:47	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			69-130						
2037-26-5	Surrogate: Toluene-d8	99.8 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	108 %			79-122						

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

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	2.18		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2015 15:41	05/22/2015 22:43	MW

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

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	ND		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2015 15:39	05/22/2015 22:00	MW

Sample Information

Client Sample ID: WQ051315:1205NP2-7

York Sample ID: 15E0664-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0664

Rowe Industries

Water

May 13, 2015 12:05 pm

05/18/2015

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
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Sample Information

Client Sample ID: WQ051315:1205NP2-7

York Sample ID: 15E0664-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0664

Rowe Industries

Water

May 13, 2015 12:05 pm

05/18/2015

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	05/22/2015 08:05	05/22/2015 14:07	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	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	05/22/2015 08:05	05/22/2015 14:07	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS



Sample Information

Client Sample ID: WQ051315:1205NP2-7

York Sample ID: 15E0664-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0664

Rowe Industries

Water

May 13, 2015 12:05 pm

05/18/2015

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	05/22/2015 08:05	05/22/2015 14:07	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS



Sample Information

Client Sample ID: WQ051315:1205NP2-7

York Sample ID: 15E0664-02

York Project (SDG) No.

15E0664

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

May 13, 2015 12:05 pm

Date Received

05/18/2015

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	05/22/2015 08:05	05/22/2015 14:07	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/22/2015 08:05	05/22/2015 14:07	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/22/2015 08:05	05/22/2015 14:07	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/22/2015 08:05	05/22/2015 14:07	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %			69-130						
2037-26-5	Surrogate: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	88.0 %			79-122						

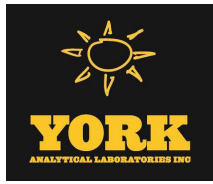
Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

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	0.736		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2015 15:41	05/22/2015 23:01	MW



Sample Information

Client Sample ID: WQ051315:1205NP2-7

York Sample ID: 15E0664-02

York Project (SDG) No.
15E0664

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
May 13, 2015 12:05 pm

Date Received
05/18/2015

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

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	0.0449		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2015 15:39	05/22/2015 22:05	MW



Analytical Batch Summary

Batch ID: BE51041 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
15E0662-01	WQ051315:1210NP2-10	05/20/15
BE51041-BLK1	Blank	05/20/15

Batch ID: BE51130 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15E0662-01	WQ051315:1210NP2-10	05/21/15
15E0664-01	WQ051315:1200NP2-6	05/21/15
BE51130-BLK1	Blank	05/21/15
BE51130-BS1	LCS	05/21/15
BE51130-BSD1	LCS Dup	05/21/15

Batch ID: BE51159 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15E0664-02	WQ051315:1205NP2-7	05/22/15
BE51159-BLK1	Blank	05/22/15
BE51159-BS1	LCS	05/22/15
BE51159-BSD1	LCS Dup	05/22/15

Batch ID: BE51198 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
15E0662-01	WQ051315:1210NP2-10	05/22/15
15E0664-01	WQ051315:1200NP2-6	05/22/15
15E0664-02	WQ051315:1205NP2-7	05/22/15
BE51198-BLK1	Blank	05/22/15
BE51198-DUP1	Duplicate	05/22/15
BE51198-MS1	Matrix Spike	05/22/15
BE51198-SRM1	Reference	05/22/15

Batch ID: BE51200 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
15E0662-01	WQ051315:1210NP2-10	05/22/15
15E0664-01	WQ051315:1200NP2-6	05/22/15
15E0664-02	WQ051315:1205NP2-7	05/22/15
BE51200-BLK1	Blank	05/22/15
BE51200-SRM1	Reference	05/22/15



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 BE51130 - EPA 5030B

Blank (BE51130-BLK1)

Prepared: 05/21/2015 Analyzed: 05/22/2015

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	0.28	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.22	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	1.7	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 BE51130 - EPA 5030B

Blank (BE51130-BLK1)

Prepared: 05/21/2015 Analyzed: 05/22/2015

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>	10.2		"	10.0		102		69-130			
<i>Surrogate: Toluene-d8</i>	9.73		"	10.0		97.3		81-117			
<i>Surrogate: p-Bromofluorobenzene</i>	10.4		"	10.0		104		79-122			

LCS (BE51130-BS1)

Prepared & Analyzed: 05/21/2015

1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109		82-126			
1,1,1-Trichloroethane	10.5		"	10.0		105		78-136			
1,1,2,2-Tetrachloroethane	11.6		"	10.0		116		76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.64		"	10.0		86.4		54-165			
1,1,2-Trichloroethane	10.8		"	10.0		108		82-123			
1,1-Dichloroethane	10.6		"	10.0		106		82-129			
1,1-Dichloroethylene	9.88		"	10.0		98.8		68-138			
1,1-Dichloropropylene	10.2		"	10.0		102		83-133			
1,2,3-Trichlorobenzene	11.1		"	10.0		111		76-136			
1,2,3-Trichloropropane	11.6		"	10.0		116		77-128			
1,2,4-Trichlorobenzene	10.9		"	10.0		109		76-137			
1,2,4-Trimethylbenzene	10.3		"	10.0		103		82-132			
1,2-Dibromo-3-chloropropane	11.2		"	10.0		112		45-147			
1,2-Dibromoethane	11.1		"	10.0		111		83-124			
1,2-Dichlorobenzene	10.8		"	10.0		108		79-123			
1,2-Dichloroethane	10.1		"	10.0		101		73-132			
1,2-Dichloropropane	11.1		"	10.0		111		78-126			
1,3,5-Trimethylbenzene	10.6		"	10.0		106		80-131			
1,3-Dichlorobenzene	10.5		"	10.0		105		86-122			
1,3-Dichloropropane	11.0		"	10.0		110		81-125			
1,4-Dichlorobenzene	10.5		"	10.0		105		85-124			
2,2-Dichloropropane	7.63		"	10.0		76.3		56-150			
2-Chlorotoluene	10.5		"	10.0		105		79-130			
2-Hexanone	11.1		"	10.0		111		51-146			
4-Chlorotoluene	10.5		"	10.0		105		79-128			
Acetone	9.63		"	10.0		96.3		14-150			
Benzene	10.3		"	10.0		103		85-126			
Bromobenzene	10.8		"	10.0		108		78-129			
Bromochloromethane	10.8		"	10.0		108		77-128			
Bromodichloromethane	11.0		"	10.0		110		79-128			
Bromoform	11.8		"	10.0		118		78-133			
Bromomethane	7.42		"	10.0		74.2		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 BE51130 - EPA 5030B

LCS (BE51130-BS1)

Prepared & Analyzed: 05/21/2015

Chloroethane	10.2		ug/L	10.0		102	65-136						
Chloroform	10.4		"	10.0		104	82-128						
Chloromethane	10.3		"	10.0		103	43-155						
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129						
cis-1,3-Dichloropropylene	10.7		"	10.0		107	80-131						
Dibromochloromethane	11.3		"	10.0		113	80-130						
Dibromomethane	10.7		"	10.0		107	72-134						
Dichlorodifluoromethane	8.58		"	10.0		85.8	44-144						
Ethyl Benzene	10.6		"	10.0		106	80-131						
Hexachlorobutadiene	9.70		"	10.0		97.0	67-146						
Isopropylbenzene	10.6		"	10.0		106	76-140						
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	76-135						
Methylene chloride	9.69		"	10.0		96.9	55-137						
Naphthalene	11.3		"	10.0		113	70-147						
n-Butylbenzene	9.89		"	10.0		98.9	79-132						
n-Propylbenzene	10.5		"	10.0		105	78-133						
o-Xylene	10.6		"	10.0		106	78-130						
p- & m- Xylenes	21.0		"	20.0		105	77-133						
p-Isopropyltoluene	10.2		"	10.0		102	81-136						
sec-Butylbenzene	10.3		"	10.0		103	79-137						
Styrene	10.8		"	10.0		108	67-132						
tert-Butylbenzene	10.7		"	10.0		107	77-138						
Tetrachloroethylene	10.5		"	10.0		105	82-131						
Toluene	10.5		"	10.0		105	80-127						
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-132						
trans-1,3-Dichloropropylene	10.6		"	10.0		106	78-131						
Trichloroethylene	10.6		"	10.0		106	82-128						
Trichlorofluoromethane	10.0		"	10.0		100	67-139						
Vinyl Chloride	10.6		"	10.0		106	58-145						
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.76</i>		<i>"</i>	<i>10.0</i>		<i>97.6</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>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	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
Batch BE51130 - EPA 5030B										
LCS Dup (BE51130-BSD1)										
Prepared & Analyzed: 05/21/2015										
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0	106	106	82-126		2.89	30
1,1,1-Trichloroethane	10.4		"	10.0	104	104	78-136		0.768	30
1,1,2,2-Tetrachloroethane	10.8		"	10.0	108	108	76-129		6.95	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.44		"	10.0	84.4	84.4	54-165		2.34	30
1,1,2-Trichloroethane	10.6		"	10.0	106	106	82-123		1.77	30
1,1-Dichloroethane	10.4		"	10.0	104	104	82-129		1.53	30
1,1-Dichloroethylene	10.1		"	10.0	101	101	68-138		2.40	30
1,1-Dichloropropylene	10.3		"	10.0	103	103	83-133		0.0975	30
1,2,3-Trichlorobenzene	10.7		"	10.0	107	107	76-136		3.86	30
1,2,3-Trichloropropane	10.8		"	10.0	108	108	77-128		7.76	30
1,2,4-Trichlorobenzene	10.7		"	10.0	107	107	76-137		1.67	30
1,2,4-Trimethylbenzene	10.0		"	10.0	100	100	82-132		2.55	30
1,2-Dibromo-3-chloropropane	10.7		"	10.0	107	107	45-147		4.37	30
1,2-Dibromoethane	10.7		"	10.0	107	107	83-124		3.48	30
1,2-Dichlorobenzene	10.5		"	10.0	105	105	79-123		2.45	30
1,2-Dichloroethane	10.0		"	10.0	100	100	73-132		0.697	30
1,2-Dichloropropane	10.6		"	10.0	106	106	78-126		4.79	30
1,3,5-Trimethylbenzene	10.3		"	10.0	103	103	80-131		2.29	30
1,3-Dichlorobenzene	10.2		"	10.0	102	102	86-122		2.99	30
1,3-Dichloropropane	10.7		"	10.0	107	107	81-125		3.22	30
1,4-Dichlorobenzene	10.2		"	10.0	102	102	85-124		3.48	30
2,2-Dichloropropane	7.48		"	10.0	74.8	74.8	56-150		1.99	30
2-Chlorotoluene	10.1		"	10.0	101	101	79-130		3.30	30
2-Hexanone	10.7		"	10.0	107	107	51-146		3.86	30
4-Chlorotoluene	10.3		"	10.0	103	103	79-128		1.15	30
Acetone	9.14		"	10.0	91.4	91.4	14-150		5.22	30
Benzene	10.3		"	10.0	103	103	85-126		0.194	30
Bromobenzene	10.2		"	10.0	102	102	78-129		4.95	30
Bromochloromethane	10.6		"	10.0	106	106	77-128		1.87	30
Bromodichloromethane	10.8		"	10.0	108	108	79-128		2.01	30
Bromoform	11.0		"	10.0	110	110	78-133		6.56	30
Bromomethane	7.81		"	10.0	78.1	78.1	43-168		5.12	30
Carbon tetrachloride	10.5		"	10.0	105	105	77-141		1.44	30
Chlorobenzene	10.5		"	10.0	105	105	88-120		1.61	30
Chloroethane	10.6		"	10.0	106	106	65-136		3.86	30
Chloroform	10.4		"	10.0	104	104	82-128		0.00	30
Chloromethane	10.6		"	10.0	106	106	43-155		2.11	30
cis-1,2-Dichloroethylene	10.0		"	10.0	100	100	83-129		0.598	30
cis-1,3-Dichloropropylene	10.2		"	10.0	102	102	80-131		5.17	30
Dibromochloromethane	10.8		"	10.0	108	108	80-130		4.16	30
Dibromomethane	10.3		"	10.0	103	103	72-134		3.89	30
Dichlorodifluoromethane	8.07		"	10.0	80.7	80.7	44-144		6.13	30
Ethyl Benzene	10.4		"	10.0	104	104	80-131		1.82	30
Hexachlorobutadiene	9.53		"	10.0	95.3	95.3	67-146		1.77	30
Isopropylbenzene	10.4		"	10.0	104	104	76-140		2.00	30
Methyl tert-butyl ether (MTBE)	10.4		"	10.0	104	104	76-135		3.03	30
Methylene chloride	9.34		"	10.0	93.4	93.4	55-137		3.68	30
Naphthalene	10.9		"	10.0	109	109	70-147		3.42	30
n-Butylbenzene	9.81		"	10.0	98.1	98.1	79-132		0.812	30
n-Propylbenzene	10.3		"	10.0	103	103	78-133		1.83	30
o-Xylene	10.5		"	10.0	105	105	78-130		1.14	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 BE51130 - EPA 5030B

LCS Dup (BE51130-BSD1)

Prepared & Analyzed: 05/21/2015

p- & m- Xylenes	20.6		ug/L	20.0		103	77-133		1.97	30	
p-Isopropyltoluene	10.2		"	10.0		102	81-136		0.882	30	
sec-Butylbenzene	10.2		"	10.0		102	79-137		1.37	30	
Styrene	10.6		"	10.0		106	67-132		1.87	30	
tert-Butylbenzene	10.4		"	10.0		104	77-138		2.66	30	
Tetrachloroethylene	10.5		"	10.0		105	82-131		0.190	30	
Toluene	10.4		"	10.0		104	80-127		1.44	30	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		1.36	30	
trans-1,3-Dichloropropylene	10.0		"	10.0		100	78-131		5.14	30	
Trichloroethylene	10.5		"	10.0		105	82-128		0.473	30	
Trichlorofluoromethane	9.63		"	10.0		96.3	67-139		4.07	30	
Vinyl Chloride	10.7		"	10.0		107	58-145		0.281	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.57</i>		<i>"</i>	<i>10.0</i>		<i>95.7</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.93</i>		<i>"</i>	<i>10.0</i>		<i>99.3</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.98</i>		<i>"</i>	<i>10.0</i>		<i>99.8</i>	<i>79-122</i>				

Batch BE51159 - EPA 5030B

Blank (BE51159-BLK1)

Prepared & Analyzed: 05/22/2015

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	0.22	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	Limits	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result	%REC			Limit			

Batch BE51159 - EPA 5030B

Blank (BE51159-BLK1)

Prepared & Analyzed: 05/22/2015

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/>												
Surrogate: 1,2-Dichloroethane-d4	9.29		"	10.0		92.9	69-130					
Surrogate: Toluene-d8	9.91		"	10.0		99.1	81-117					
Surrogate: p-Bromofluorobenzene	8.91		"	10.0		89.1	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 BE51159 - EPA 5030B

LCS (BE51159-BS1)

Prepared & Analyzed: 05/22/2015

1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126			
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136			
1,1,2,2-Tetrachloroethane	9.69		"	10.0		96.9	76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165			
1,1,2-Trichloroethane	9.50		"	10.0		95.0	82-123			
1,1-Dichloroethane	9.67		"	10.0		96.7	82-129			
1,1-Dichloroethylene	9.64		"	10.0		96.4	68-138			
1,1-Dichloropropylene	10.5		"	10.0		105	83-133			
1,2,3-Trichlorobenzene	10.0		"	10.0		100	76-136			
1,2,3-Trichloropropane	9.47		"	10.0		94.7	77-128			
1,2,4-Trichlorobenzene	10.3		"	10.0		103	76-137			
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132			
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	45-147			
1,2-Dibromoethane	9.75		"	10.0		97.5	83-124			
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123			
1,2-Dichloroethane	9.81		"	10.0		98.1	73-132			
1,2-Dichloropropane	0.230		"	10.0		2.30	78-126	Low Bias		
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131			
1,3-Dichlorobenzene	9.89		"	10.0		98.9	86-122			
1,3-Dichloropropane	9.72		"	10.0		97.2	81-125			
1,4-Dichlorobenzene	9.95		"	10.0		99.5	85-124			
2,2-Dichloropropane	10.7		"	10.0		107	56-150			
2-Chlorotoluene	9.86		"	10.0		98.6	79-130			
2-Hexanone	8.97		"	10.0		89.7	51-146			
4-Chlorotoluene	10.0		"	10.0		100	79-128			
Acetone	6.86		"	10.0		68.6	14-150			
Benzene	10.2		"	10.0		102	85-126			
Bromobenzene	9.65		"	10.0		96.5	78-129			
Bromochloromethane	9.27		"	10.0		92.7	77-128			
Bromodichloromethane	10.2		"	10.0		102	79-128			
Bromoform	10.2		"	10.0		102	78-133			
Bromomethane	12.9		"	10.0		129	43-168			
Carbon tetrachloride	11.0		"	10.0		110	77-141			
Chlorobenzene	9.88		"	10.0		98.8	88-120			
Chloroethane	8.64		"	10.0		86.4	65-136			
Chloroform	10.3		"	10.0		103	82-128			
Chloromethane	9.78		"	10.0		97.8	43-155			
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129			
cis-1,3-Dichloropropylene	9.65		"	10.0		96.5	80-131			
Dibromochloromethane	10.3		"	10.0		103	80-130			
Dibromomethane	9.98		"	10.0		99.8	72-134			
Dichlorodifluoromethane	12.0		"	10.0		120	44-144			
Ethyl Benzene	10.1		"	10.0		101	80-131			
Hexachlorobutadiene	10.5		"	10.0		105	67-146			
Isopropylbenzene	10.1		"	10.0		101	76-140			
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	76-135			
Methylene chloride	9.88		"	10.0		98.8	55-137			
Naphthalene	9.48		"	10.0		94.8	70-147			
n-Butylbenzene	10.2		"	10.0		102	79-132			
n-Propylbenzene	10.0		"	10.0		100	78-133			
o-Xylene	10.2		"	10.0		102	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 BE51159 - EPA 5030B

LCS (BE51159-BS1)

Prepared & Analyzed: 05/22/2015

p- & m- Xylenes	20.2		ug/L	20.0		101	77-133				
p-Isopropyltoluene	10.3		"	10.0		103	81-136				
sec-Butylbenzene	10.4		"	10.0		104	79-137				
Styrene	10.6		"	10.0		106	67-132				
tert-Butylbenzene	10.2		"	10.0		102	77-138				
Tetrachloroethylene	10.4		"	10.0		104	82-131				
Toluene	9.96		"	10.0		99.6	80-127				
trans-1,2-Dichloroethylene	9.95		"	10.0		99.5	80-132				
trans-1,3-Dichloropropylene	10.3		"	10.0		103	78-131				
Trichloroethylene	9.78		"	10.0		97.8	82-128				
Trichlorofluoromethane	11.3		"	10.0		113	67-139				
Vinyl Chloride	9.86		"	10.0		98.6	58-145				
Surrogate: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: Toluene-d8	9.91		"	10.0		99.1	81-117				
Surrogate: p-Bromofluorobenzene	9.78		"	10.0		97.8	79-122				

LCS Dup (BE51159-BSD1)

Prepared & Analyzed: 05/22/2015

1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126		0.859	30	
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136		2.07	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		4.93	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165		1.85	30	
1,1,2-Trichloroethane	9.78		"	10.0		97.8	82-123		2.90	30	
1,1-Dichloroethane	9.66		"	10.0		96.6	82-129		0.103	30	
1,1-Dichloroethylene	9.71		"	10.0		97.1	68-138		0.724	30	
1,1-Dichloropropylene	10.3		"	10.0		103	83-133		1.93	30	
1,2,3-Trichlorobenzene	10.3		"	10.0		103	76-136		2.66	30	
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128		9.36	30	
1,2,4-Trichlorobenzene	10.3		"	10.0		103	76-137		0.195	30	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132		1.38	30	
1,2-Dibromo-3-chloropropane	8.89		"	10.0		88.9	45-147		12.7	30	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		4.32	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		0.880	30	
1,2-Dichloroethane	10.1		"	10.0		101	73-132		2.91	30	
1,2-Dichloropropane	9.63		"	10.0		96.3	78-126		191	30	Non-dir.
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131		0.583	30	
1,3-Dichlorobenzene	9.91		"	10.0		99.1	86-122		0.202	30	
1,3-Dichloropropane	10.0		"	10.0		100	81-125		2.84	30	
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124		1.10	30	
2,2-Dichloropropane	10.7		"	10.0		107	56-150		0.280	30	
2-Chlorotoluene	9.81		"	10.0		98.1	79-130		0.508	30	
2-Hexanone	9.52		"	10.0		95.2	51-146		5.95	30	
4-Chlorotoluene	9.96		"	10.0		99.6	79-128		0.401	30	
Acetone	7.65		"	10.0		76.5	14-150		10.9	30	
Benzene	10.4		"	10.0		104	85-126		1.46	30	
Bromobenzene	9.82		"	10.0		98.2	78-129		1.75	30	
Bromochloromethane	9.39		"	10.0		93.9	77-128		1.29	30	
Bromodichloromethane	10.0		"	10.0		100	79-128		1.58	30	
Bromoform	10.2		"	10.0		102	78-133		0.687	30	
Bromomethane	11.2		"	10.0		112	43-168		13.9	30	
Carbon tetrachloride	10.8		"	10.0		108	77-141		1.28	30	
Chlorobenzene	10.0		"	10.0		100	88-120		1.21	30	
Chloroethane	9.04		"	10.0		90.4	65-136		4.52	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 BE51159 - EPA 5030B

LCS Dup (BE51159-BSD1)

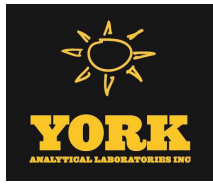
Prepared & Analyzed: 05/22/2015

Chloroform	10.5		ug/L	10.0		105	82-128		1.63	30
Chloromethane	10.4		"	10.0		104	43-155		6.14	30
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129		2.33	30
cis-1,3-Dichloropropylene	9.86		"	10.0		98.6	80-131		2.15	30
Dibromochloromethane	10.9		"	10.0		109	80-130		6.05	30
Dibromomethane	10.4		"	10.0		104	72-134		4.31	30
Dichlorodifluoromethane	12.0		"	10.0		120	44-144		0.00	30
Ethyl Benzene	10.2		"	10.0		102	80-131		0.492	30
Hexachlorobutadiene	10.3		"	10.0		103	67-146		1.73	30
Isopropylbenzene	10.0		"	10.0		100	76-140		0.298	30
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	76-135		2.17	30
Methylene chloride	9.57		"	10.0		95.7	55-137		3.19	30
Naphthalene	10.1		"	10.0		101	70-147		5.94	30
n-Butylbenzene	9.87		"	10.0		98.7	79-132		2.80	30
n-Propylbenzene	10.0		"	10.0		100	78-133		0.299	30
o-Xylene	10.0		"	10.0		100	78-130		1.09	30
p- & m- Xylenes	20.2		"	20.0		101	77-133		0.148	30
p-Isopropyltoluene	10.1		"	10.0		101	81-136		1.76	30
sec-Butylbenzene	10.2		"	10.0		102	79-137		1.26	30
Styrene	10.8		"	10.0		108	67-132		1.49	30
tert-Butylbenzene	10.2		"	10.0		102	77-138		0.0976	30
Tetrachloroethylene	10.5		"	10.0		105	82-131		1.25	30
Toluene	9.87		"	10.0		98.7	80-127		0.908	30
trans-1,2-Dichloroethylene	9.77		"	10.0		97.7	80-132		1.83	30
trans-1,3-Dichloropropylene	10.6		"	10.0		106	78-131		2.59	30
Trichloroethylene	9.80		"	10.0		98.0	82-128		0.204	30
Trichlorofluoromethane	11.2		"	10.0		112	67-139		0.798	30
Vinyl Chloride	10.5		"	10.0		105	58-145		6.29	30
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>69-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.71</i>		<i>"</i>	<i>10.0</i>		<i>97.1</i>	<i>81-117</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.99</i>		<i>"</i>	<i>10.0</i>		<i>99.9</i>	<i>79-122</i>			



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 BE51198 - EPA 3010A											
Blank (BE51198-BLK1)										Prepared & Analyzed: 05/22/2015	
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BE51198-DUP1)										*Source sample: 15E0662-01 (WQ051315:1210NP2-10) Prepared & Analyzed: 05/22/2015	
Iron - Dissolved	0.0326	0.0200	mg/L		0.0340				4.21	20	
Matrix Spike (BE51198-MS1)										*Source sample: 15E0662-01 (WQ051315:1210NP2-10) Prepared & Analyzed: 05/22/2015	
Iron - Dissolved	1.05	0.0200	mg/L	1.00	0.0340	102	75-125				
Reference (BE51198-SRM1)										Prepared & Analyzed: 05/22/2015	
Iron - Dissolved	0.343	0.0200	mg/L	0.354		97.0	85-115				
Batch BE51200 - EPA 3010A											
Blank (BE51200-BLK1)										Prepared & Analyzed: 05/22/2015	
Iron	ND	0.0200	mg/L								
Reference (BE51200-SRM1)										Prepared & Analyzed: 05/22/2015	
Iron	0.348	0.0200	mg/L	0.354		98.3	85-115				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

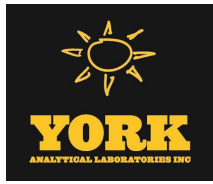
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BE51041 - % Solids Prep

Blank (BE51041-BLK1)

Prepared & Analyzed: 05/20/2015

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

Lab ID	Client Sample ID	Volatile Sample Container
15E0662-01	WQ051315:1210NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15E0664-01	WQ051315:1200NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15E0664-02	WQ051315:1205NP2-7	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


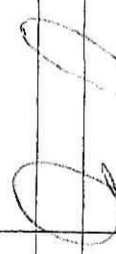
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
12031 325-1371 FAX 12031 357-0166

Field Chain-of-Custody Record

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

Page 1 of 1

York Project No. 15E0662

YOUR INFORMATION	Report To:	Invoice To:	YOUR PROJECT ID	Turn-Around Time	Report Type																									
Company: <u>L B B</u> Address: <u>4 Reseach Dr Suite 301 Shelton, CT 06484</u> Phone No. <u>203-929-8555</u> Contact Person: <u>Tomie Sander</u> E-Mail Address: <u>TSander@lbbct.com</u>	Company: <u>Same</u> Address: Phone No. Attention: E-Mail Address: <input checked="" type="checkbox"/>	Company: <u>Same</u> Address: Phone No. Attention: E-Mail Address: <input checked="" type="checkbox"/>	<u>Apwe Industries.</u> <u>Purchase Order No. HAB5AG.</u> Samples from: <u>CT NY X NJ</u>	<input type="checkbox"/> 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 checked="" type="checkbox"/> Standard (5-7 Days)	<input checked="" type="checkbox"/> Summary Report X.pdf <input type="checkbox"/> Summary w/ QA Summary X.pdf <input type="checkbox"/> CT RCP Package <input type="checkbox"/> CT RCP DQADUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <u>NP2 to only, pdf.</u> <input type="checkbox"/> NUDEP Red. Deliv. <input type="checkbox"/> Electronic Data Deliverables (EDD)																									
Print, Clearly and Legibly. All information must be completed. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.																														
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor	Volatiles 8260 full TICS 624 Site Spec STARS list Nassau Co. BTX Sulfolk Co. MTBE Kéiones TCL list Oxyganes TAGM list TCLP list CT RCP list 524.2 Arom. only 502.2 Halog. only NUDEP list App. IX list SPLP or TCLP 8021B list					Semi-Volat 8270 or 625 8082 PCB 8081 Pest BIN Only Acids Only PAH list TAGM list NUDEP list Total SPLP or TCLP TCLP Herb Chlordane 608 Pest SPLP or TCLP 608 PCB					Metals RCRA8 PP 13 list TAL CT 15 list TAGM list NUDEP list Total Dissolved SPLP or TCLP Ink, Alkalis LIST Below Methane Halbun					Full Lists Pri. Tol. TCL Organics TAL MetCN Full TCLP Full App. IX Full App. IX Per 308-Heate Hexachlorocyclopentadiene TOX BTUrb. Per 306-Resid Per 306-Resid NYDEP Seem TOC NYSDEC Sewer Asbestos Silica					Misc. Orp TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Halbun					Cemostivity Reactivity Igibility Flash Point Stev. Anal. Hexachlorocyclopentadiene TOX BTUrb. Per 306-Resid Per 306-Resid NYDEP Seem TOC NYSDEC Sewer Asbestos Silica				
Samples Collected/Authorized By (Signature)  STEPHEN HUNT Name (printed)		Choose Analyses Needed from the Menu Above and Enter Below		Container Description(s) <u>3V 2P</u> <u>3C 2P</u> <u>3E 3P</u>																										
Sample Identification	Date Sampled	Sample Matrix	Fe by EPA 800.7 Fe, Dissolved by EPA 6010 (SW 846-6100) TICS, 8260 list EPA SW 846-8260b) plus Fe 604.13 Fe by EPA 800.7 Fe, Dissolved by EPA 6010 (SW 846-6100) TICS 8260 list EPA SW 846-8260a) plus Fe 604.13 / TOS. (SH 2540c)																											
AWQ051315-1200NP2-6	5/18/15 1200	GW																												
AWQ051315-1205NP2-7	1205	GW																												
AWQ051315-1210NP2-10	1210	GW																												
Comments																														
Preservation: 4°C _____ Frozen _____ UIC1 _____ MeOH _____ H ₂ O _____ NaOH _____ Check those Applicable Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/> Temperature on Receipt: <u>4.9 °C</u>																														
Samples Relinquished By:  Date/Time: <u>5/18/15 14:30</u> Samples Received By: <u>[Signature]</u> Date/Time: <u>5/18/15 14:30</u>			Samples Relinquished in Lab by: <u>[Signature]</u> Date/Time: <u>5/18/15 15:00</u>																											

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. 15E0664


YOUR Information Company: <u>LBG</u> Address: <u>4 Research Dr Suite 301</u> <u>Shelton, CT 06484</u> Phone No. <u>203-929-8555</u> Contact Person: <u>Tunde Sandor</u> E-Mail Address: <u>TSandor@LBGCT.com</u>		Report To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR Project ID <u>Apwe Industries</u> Purchase Order No. <u>NAB5A6</u> Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report <input checked="" type="checkbox"/> pdf Summary w/ QA <input type="checkbox"/> pdf CT RCP Package <input type="checkbox"/> CT/CP DQ/ADUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> <u>10 only</u> pdf NIDEP Red. Deliv. <input type="checkbox"/> Electronic Data Deliverables (EDD) <input type="checkbox"/>	
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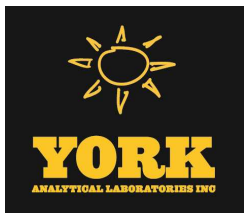
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the time-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HAVIT
 Name (printed)

Volatiles	Semi-Vols	Perfluorinated	Metals	Misc Org	Full Lists	Misc
8260 full 624 STARS list BN Only BTEX MTBE TCL list TAGM list TAGM list TCLP list Arom. only Halog. only App. IX list 8021B list	8270 & 623 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NIDEP list App. IX SPLP or TCLP	8082 PCB 808 IPest 815 Herb CT RCP App. IX Site Spec. SPLP or TCLP TCLP Herb Chlordane 608 Pest SPLP or TCLP	RCRA8 PP13 list TAL CT 15 list TAGM list NIDEP list Total Dissolved SPLP or TCLP Ink/bleeds LIST Below	TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Hydro	Tri.Poll. TCL Oxydes TAL-Metals Full TCLP Full App. IX Part 300-Residue Part 300-Residue Part 300-Residue Part 300-Residue Part 300-Residue NYDEP Sewer NYDECSewer TAGM Silica	Cerrosivity Reactivity Ignitability Flash Point Sieve/Anal. Hexamethyls TOX BTU/b. Aromatic Tox TOC Asbestos

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)	Temperature on Receipt
<u>W2051315-1200 NP2-6</u>	<u>5/13/15 1200</u>	<u>GW</u>	<u>Fe by EPA 800.7/Fe, Dissolved by EPA 8010 (SW 846-8010B) VOCs, 8260 List (EPA SW 845-8260B) plus from 113</u>	<u>3x 2P</u>	<u>4.6 °C</u>
<u>W2051315-1205 NP2-7</u>	<u>1205</u>	<u>GW</u>		<u>3x 2P</u>	
<u>W2051315-1210 NP2-10</u>	<u>1210</u>	<u>GW</u>	<u>Fe by EPA 800.7/Fe, Dissolved by EPA 8010 (SW 846-8010B) VOCs 8260 List (EPA SW 845-8260B) plus from 113 / TO5 (SW 2540C)</u>	<u>3x 3P</u>	
					
Comments: _____ Preservation: <input type="checkbox"/> Check those Applicable Special Instructions: <input type="checkbox"/> Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/> Samples Relinquished By: _____ Date/Time: _____ Samples Received By: _____ Date/Time: <u>5/18/15 14:30</u> Samples Relinquished By: _____ Date/Time: _____ Samples Received in Lab by: _____ Date/Time: <u>5/18/15 1500</u>					



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 204

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 06/04/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15E1074

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 06/04/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15E1074

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 May 29, 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>
15E1074-01	WQ052715:1200NP2-6	Water	05/27/2015	05/29/2015
15E1074-02	WQ052715:1205NP2-7	Water	05/27/2015	05/29/2015
15E1075-01	WQ052715:1210NP2-10	Water	05/27/2015	05/29/2015

General Notes for York Project (SDG) No.: 15E1074

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: 06/04/2015





Sample Information

Client Sample ID: WQ052715:1200NP2-6

York Sample ID: 15E1074-01

<u>York Project (SDG) No.</u> 15E1074	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 27, 2015 12:00 pm	<u>Date Received</u> 05/29/2015
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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	06/02/2015 17:00	06/03/2015 03:47	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	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	06/02/2015 17:00	06/03/2015 03:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS



Sample Information

Client Sample ID: WQ052715:1200NP2-6

York Sample ID: 15E1074-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E1074

Rowe Industries

Water

May 27, 2015 12:00 pm

05/29/2015

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	06/02/2015 17:00	06/03/2015 03:47	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
67-64-1	Acetone	ND	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
74-83-9	Bromomethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
156-59-2	cis-1,2-Dichloroethylene	0.23	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS



Sample Information

Client Sample ID: WQ052715:1200NP2-6

York Sample ID: 15E1074-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E1074

Rowe Industries

Water

May 27, 2015 12:00 pm

05/29/2015

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	06/02/2015 17:00	06/03/2015 03:47	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/02/2015 17:00	06/03/2015 03:47	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/02/2015 17:00	06/03/2015 03:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
127-18-4	Tetrachloroethylene	2.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
79-01-6	Trichloroethylene	0.33	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/02/2015 17:00	06/03/2015 03:47	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	69-130								
2037-26-5	Surrogate: Toluene-d8	98.0 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	87.1 %	79-122								

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

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	2.72		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2015 13:19	06/03/2015 21:44	AMC



Sample Information

Client Sample ID: WQ052715:1200NP2-6

York Sample ID: 15E1074-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E1074

Rowe Industries

Water

May 27, 2015 12:00 pm

05/29/2015

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-89-6 Iron ND mg/L 0.0200 0.0200 1 EPA 6010C 06/03/2015 13:35 06/03/2015 19:04 AMC

Sample Information

Client Sample ID: WQ052715:1205NP2-7

York Sample ID: 15E1074-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E1074

Rowe Industries

Water

May 27, 2015 12:05 pm

05/29/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 630-20-6, 71-55-6, 79-34-5, 76-13-1, 79-00-5, 75-34-3, 75-35-4, 563-58-6, 87-61-6, 96-18-4, 120-82-1, 95-63-6, 96-12-8, 106-93-4, 95-50-1.



Sample Information

Client Sample ID: WQ052715:1205NP2-7

York Sample ID: 15E1074-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E1074

Rowe Industries

Water

May 27, 2015 12:05 pm

05/29/2015

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	06/02/2015 17:00	06/03/2015 04:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
74-83-9	Bromomethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS



Sample Information

Client Sample ID: WQ052715:1205NP2-7

York Sample ID: 15E1074-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E1074

Rowe Industries

Water

May 27, 2015 12:05 pm

05/29/2015

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	06/02/2015 17:00	06/03/2015 04:17	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/02/2015 17:00	06/03/2015 04:17	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/02/2015 17:00	06/03/2015 04:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:17	SS



Sample Information

Client Sample ID: WQ052715:1205NP2-7

York Sample ID: 15E1074-02

<u>York Project (SDG) No.</u> 15E1074	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 27, 2015 12:05 pm	<u>Date Received</u> 05/29/2015
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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	06/02/2015 17:00	06/03/2015 04:17	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %			69-130						
2037-26-5	Surrogate: Toluene-d8	97.5 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	86.7 %			79-122						

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

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	0.822		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2015 13:19	06/03/2015 21:48	AMC

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

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	0.0865		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2015 13:35	06/03/2015 19:09	AMC

Sample Information

Client Sample ID: WQ052715:1210NP2-10

York Sample ID: 15E1075-01

<u>York Project (SDG) No.</u> 15E1075	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 27, 2015 12:10 pm	<u>Date Received</u> 05/29/2015
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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	06/02/2015 17:00	06/03/2015 04:48	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	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	06/02/2015 17:00	06/03/2015 04:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS



Sample Information

Client Sample ID: WQ052715:1210NP2-10

York Sample ID: 15E1075-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E1075

Rowe Industries

Water

May 27, 2015 12:10 pm

05/29/2015

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	06/02/2015 17:00	06/03/2015 04:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
67-64-1	Acetone	1.6	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS



Sample Information

Client Sample ID: WQ052715:1210NP2-10

York Sample ID: 15E1075-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E1075

Rowe Industries

Water

May 27, 2015 12:10 pm

05/29/2015

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	06/02/2015 17:00	06/03/2015 04:48	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
74-83-9	Bromomethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
75-00-3	Chloroethane	0.33	CCV-E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/02/2015 17:00	06/03/2015 04:48	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/02/2015 17:00	06/03/2015 04:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS



Sample Information

Client Sample ID: WQ052715:1210NP2-10

York Sample ID: 15E1075-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E1075

Rowe Industries

Water

May 27, 2015 12:10 pm

05/29/2015

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	06/02/2015 17:00	06/03/2015 04:48	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/02/2015 17:00	06/03/2015 04:48	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %			69-130						
2037-26-5	Surrogate: Toluene-d8	99.9 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	90.1 %			79-122						

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

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	0.875		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2015 13:19	06/03/2015 21:53	AMC

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

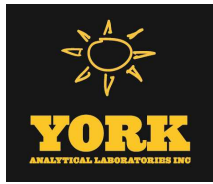
Sample Prepared by Method: EPA 3010A

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	0.0763		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/03/2015 13:35	06/03/2015 19:14	AMC

Total Dissolved Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WQ052715:1210NP2-10

York Sample ID: 15E1075-01

York Project (SDG) No.
15E1075

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
May 27, 2015 12:10 pm

Date Received
05/29/2015

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	152		mg/L	10.0	10.0	1	SM 2540C Certifications: NELAC-NY10854,CTDOH,NJDEP	06/03/2015 15:39	06/03/2015 15:39	AA



Analytical Batch Summary

Batch ID: BF50126 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15E1074-01	WQ052715:1200NP2-6	06/02/15
15E1074-02	WQ052715:1205NP2-7	06/02/15
15E1075-01	WQ052715:1210NP2-10	06/02/15
BF50126-BLK1	Blank	06/02/15
BF50126-BS1	LCS	06/02/15
BF50126-BSD1	LCS Dup	06/02/15

Batch ID: BF50183 **Preparation Method:** EPA 3010A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15E1074-01	WQ052715:1200NP2-6	06/03/15
15E1074-02	WQ052715:1205NP2-7	06/03/15
15E1075-01	WQ052715:1210NP2-10	06/03/15
BF50183-BLK1	Blank	06/03/15
BF50183-SRM1	Reference	06/03/15

Batch ID: BF50187 **Preparation Method:** EPA 3010A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15E1074-01	WQ052715:1200NP2-6	06/03/15
15E1074-02	WQ052715:1205NP2-7	06/03/15
15E1075-01	WQ052715:1210NP2-10	06/03/15
BF50187-BLK1	Blank	06/03/15
BF50187-SRM1	Reference	06/03/15

Batch ID: BF50195 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
15E1075-01	WQ052715:1210NP2-10	06/03/15
BF50195-BLK1	Blank	06/03/15



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 BF50126 - EPA 5030B

Blank (BF50126-BLK1)

Prepared: 06/02/2015 Analyzed: 06/03/2015

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	1.5	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF50126 - EPA 5030B

Blank (BF50126-BLK1)

Prepared: 06/02/2015 Analyzed: 06/03/2015

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	10.7		"	10.0		107	69-130				
Surrogate: Toluene-d8	9.86		"	10.0		98.6	81-117				
Surrogate: p-Bromofluorobenzene	8.87		"	10.0		88.7	79-122				

LCS (BF50126-BS1)

Prepared: 06/02/2015 Analyzed: 06/03/2015

1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82-126				
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136				
1,1,2,2-Tetrachloroethane	9.96		"	10.0		99.6	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	54-165				
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123				
1,1-Dichloroethane	10.4		"	10.0		104	82-129				
1,1-Dichloroethylene	9.74		"	10.0		97.4	68-138				
1,1-Dichloropropylene	10.4		"	10.0		104	83-133				
1,2,3-Trichlorobenzene	9.63		"	10.0		96.3	76-136				
1,2,3-Trichloropropane	9.13		"	10.0		91.3	77-128				
1,2,4-Trichlorobenzene	9.61		"	10.0		96.1	76-137				
1,2,4-Trimethylbenzene	9.96		"	10.0		99.6	82-132				
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	45-147				
1,2-Dibromoethane	10.4		"	10.0		104	83-124				
1,2-Dichlorobenzene	10.0		"	10.0		100	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	9.98		"	10.0		99.8	80-131				
1,3-Dichlorobenzene	9.99		"	10.0		99.9	86-122				
1,3-Dichloropropane	10.7		"	10.0		107	81-125				
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124				
2,2-Dichloropropane	7.71		"	10.0		77.1	56-150				
2-Chlorotoluene	9.82		"	10.0		98.2	79-130				
2-Hexanone	9.85		"	10.0		98.5	51-146				
4-Chlorotoluene	10.1		"	10.0		101	79-128				
Acetone	8.52		"	10.0		85.2	14-150				
Benzene	10.1		"	10.0		101	85-126				
Bromobenzene	10.1		"	10.0		101	78-129				
Bromochloromethane	9.81		"	10.0		98.1	77-128				
Bromodichloromethane	10.9		"	10.0		109	79-128				
Bromoform	10.2		"	10.0		102	78-133				
Bromomethane	4.00		"	10.0		40.0	43-168	Low Bias			
Carbon tetrachloride	10.1		"	10.0		101	77-141				
Chlorobenzene	10.3		"	10.0		103	88-120				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

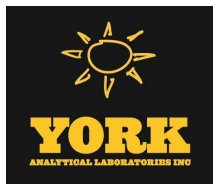
Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level

Batch BF50126 - EPA 5030B

LCS (BF50126-BS1)

Prepared: 06/02/2015 Analyzed: 06/03/2015

Chloroethane	11.2		ug/L	10.0		112	65-136			
Chloroform	10.4		"	10.0		104	82-128			
Chloromethane	9.65		"	10.0		96.5	43-155			
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129			
cis-1,3-Dichloropropylene	9.69		"	10.0		96.9	80-131			
Dibromochloromethane	10.9		"	10.0		109	80-130			
Dibromomethane	10.1		"	10.0		101	72-134			
Dichlorodifluoromethane	4.19		"	10.0		41.9	44-144	Low Bias		
Ethyl Benzene	10.3		"	10.0		103	80-131			
Hexachlorobutadiene	9.65		"	10.0		96.5	67-146			
Isopropylbenzene	10.1		"	10.0		101	76-140			
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	76-135			
Methylene chloride	7.95		"	10.0		79.5	55-137			
Naphthalene	9.87		"	10.0		98.7	70-147			
n-Butylbenzene	9.77		"	10.0		97.7	79-132			
n-Propylbenzene	10.1		"	10.0		101	78-133			
o-Xylene	10.7		"	10.0		107	78-130			
p- & m- Xylenes	20.5		"	20.0		102	77-133			
p-Isopropyltoluene	9.72		"	10.0		97.2	81-136			
sec-Butylbenzene	10.2		"	10.0		102	79-137			
Styrene	10.8		"	10.0		108	67-132			
tert-Butylbenzene	9.97		"	10.0		99.7	77-138			
Tetrachloroethylene	10.5		"	10.0		105	82-131			
Toluene	10.1		"	10.0		101	80-127			
trans-1,2-Dichloroethylene	9.64		"	10.0		96.4	80-132			
trans-1,3-Dichloropropylene	9.99		"	10.0		99.9	78-131			
Trichloroethylene	10.2		"	10.0		102	82-128			
Trichlorofluoromethane	9.03		"	10.0		90.3	67-139			
Vinyl Chloride	11.4		"	10.0		114	58-145			
Surrogate: 1,2-Dichloroethane-d4	10.0		"	10.0		100	69-130			
Surrogate: Toluene-d8	9.88		"	10.0		98.8	81-117			
Surrogate: p-Bromofluorobenzene	9.69		"	10.0		96.9	79-122			



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 BF50126 - EPA 5030B											
LCS Dup (BF50126-BSD1)											
Prepared: 06/02/2015 Analyzed: 06/03/2015											
1,1,1,2-Tetrachloroethane	11.3		ug/L	10.0		113	82-126		2.43	30	
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136		2.81	30	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129		7.91	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	54-165		9.07	30	
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123		3.92	30	
1,1-Dichloroethane	10.7		"	10.0		107	82-129		3.42	30	
1,1-Dichloroethylene	10.6		"	10.0		106	68-138		8.64	30	
1,1-Dichloropropylene	10.6		"	10.0		106	83-133		2.38	30	
1,2,3-Trichlorobenzene	10.4		"	10.0		104	76-136		7.98	30	
1,2,3-Trichloropropane	9.94		"	10.0		99.4	77-128		8.50	30	
1,2,4-Trichlorobenzene	10.3		"	10.0		103	76-137		6.83	30	
1,2,4-Trimethylbenzene	8.96		"	10.0		89.6	82-132		10.6	30	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	45-147		0.391	30	
1,2-Dibromoethane	11.4		"	10.0		114	83-124		9.34	30	
1,2-Dichlorobenzene	10.7		"	10.0		107	79-123		6.67	30	
1,2-Dichloroethane	10.8		"	10.0		108	73-132		3.30	30	
1,2-Dichloropropane	11.0		"	10.0		110	78-126		7.37	30	
1,3,5-Trimethylbenzene	9.42		"	10.0		94.2	80-131		5.77	30	
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122		4.21	30	
1,3-Dichloropropane	11.5		"	10.0		115	81-125		7.49	30	
1,4-Dichlorobenzene	11.0		"	10.0		110	85-124		6.12	30	
2,2-Dichloropropane	8.04		"	10.0		80.4	56-150		4.19	30	
2-Chlorotoluene	10.4		"	10.0		104	79-130		5.64	30	
2-Hexanone	10.6		"	10.0		106	51-146		7.80	30	
4-Chlorotoluene	10.5		"	10.0		105	79-128		3.88	30	
Acetone	7.77		"	10.0		77.7	14-150		9.21	30	
Benzene	10.7		"	10.0		107	85-126		5.87	30	
Bromobenzene	10.5		"	10.0		105	78-129		4.18	30	
Bromochloromethane	9.79		"	10.0		97.9	77-128		0.204	30	
Bromodichloromethane	11.8		"	10.0		118	79-128		7.66	30	
Bromoform	11.7		"	10.0		117	78-133		13.4	30	
Bromomethane	6.16		"	10.0		61.6	43-168		42.5	30	Non-dir.
Carbon tetrachloride	10.7		"	10.0		107	77-141		6.04	30	
Chlorobenzene	11.4		"	10.0		114	88-120		10.2	30	
Chloroethane	13.1		"	10.0		131	65-136		15.3	30	
Chloroform	10.8		"	10.0		108	82-128		4.25	30	
Chloromethane	8.95		"	10.0		89.5	43-155		7.53	30	
cis-1,2-Dichloroethylene	11.4		"	10.0		114	83-129		10.5	30	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	80-131		8.50	30	
Dibromochloromethane	11.4		"	10.0		114	80-130		4.75	30	
Dibromomethane	10.8		"	10.0		108	72-134		6.24	30	
Dichlorodifluoromethane	6.23		"	10.0		62.3	44-144		39.2	30	Non-dir.
Ethyl Benzene	11.0		"	10.0		110	80-131		5.91	30	
Hexachlorobutadiene	10.2		"	10.0		102	67-146		5.64	30	
Isopropylbenzene	10.6		"	10.0		106	76-140		4.84	30	
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	76-135		10.2	30	
Methylene chloride	8.38		"	10.0		83.8	55-137		5.27	30	
Naphthalene	10.5		"	10.0		105	70-147		6.00	30	
n-Butylbenzene	10.3		"	10.0		103	79-132		5.28	30	
n-Propylbenzene	10.7		"	10.0		107	78-133		5.85	30	
o-Xylene	11.0		"	10.0		110	78-130		2.77	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

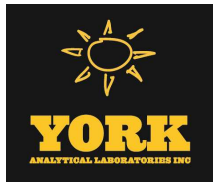
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF50126 - EPA 5030B

LCS Dup (BF50126-BSD1)

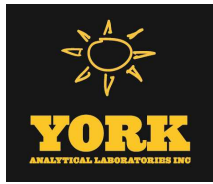
Prepared: 06/02/2015 Analyzed: 06/03/2015

p- & m- Xylenes	21.2		ug/L	20.0		106	77-133		3.41	30	
p-Isopropyltoluene	10.1		"	10.0		101	81-136		3.93	30	
sec-Butylbenzene	10.7		"	10.0		107	79-137		4.11	30	
Styrene	7.95		"	10.0		79.5	67-132		30.0	30	
tert-Butylbenzene	10.3		"	10.0		103	77-138		3.06	30	
Tetrachloroethylene	11.2		"	10.0		112	82-131		6.45	30	
Toluene	10.7		"	10.0		107	80-127		5.57	30	
trans-1,2-Dichloroethylene	10.1		"	10.0		101	80-132		4.26	30	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	78-131		6.11	30	
Trichloroethylene	11.0		"	10.0		110	82-128		7.58	30	
Trichlorofluoromethane	9.40		"	10.0		94.0	67-139		4.02	30	
Vinyl Chloride	11.4		"	10.0		114	58-145		0.438	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.96</i>		<i>"</i>	<i>10.0</i>		<i>99.6</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>9.91</i>		<i>"</i>	<i>10.0</i>		<i>99.1</i>	<i>79-122</i>				



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 BF50183 - EPA 3010A											
Blank (BF50183-BLK1)								Prepared & Analyzed: 06/03/2015			
Iron	ND	0.0200	mg/L								
Reference (BF50183-SRM1)								Prepared & Analyzed: 06/03/2015			
Iron	0.339	0.0200	mg/L	0.354		95.7	85-115				
Batch BF50187 - EPA 3010A											
Blank (BF50187-BLK1)								Prepared & Analyzed: 06/03/2015			
Iron - Dissolved	ND	0.0200	mg/L								
Reference (BF50187-SRM1)								Prepared & Analyzed: 06/03/2015			
Iron - Dissolved	0.333	0.0200	mg/L	0.354		94.0	85-115				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

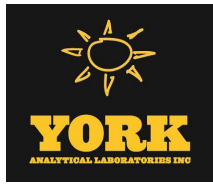
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BF50195 - % Solids Prep

Blank (BF50195-BLK1)

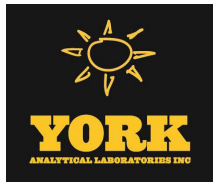
Prepared & Analyzed: 06/03/2015

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

Lab ID	Client Sample ID	Volatile Sample Container
15E1074-01	WQ052715:1200NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15E1074-02	WQ052715:1205NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15E1075-01	WQ052715:1210NP2-10	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%).
- 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.
- 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.

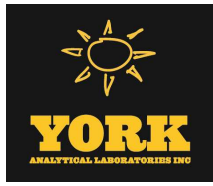
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For 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, INC.

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

Field Chain-of-Custody Record

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

York Project No. ISE1074

YOUR Information Company: <u>LBG</u> Address: <u>4 Research Dr Suite 301 Shelton, CT 06484</u> Phone No. <u>203-989-8555</u> Contact Person: <u>Tonde Sandor</u> E-Mail Address: <u>TSandor@lbgct.com</u>		Report To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR Project ID <u>Apwe Industries.</u> Purchase Order No. <u>NAB5A6.</u> Samples from: CT ___ NY ___ X NJ ___		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report <input checked="" type="checkbox"/> <u>pdf</u> Summary w/ QA Summary <input checked="" type="checkbox"/> <u>pdf</u> CT RCP Package <input type="checkbox"/> CT RCP DQA/DUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> <u>12-00only</u> , <u>pdf.</u> NJDEP Red. Deliv. <input type="checkbox"/> Electronic Data Deliverables (EDD) <input type="checkbox"/>			
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles 8260 full 624 Site Spec STARS list STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		Semivolatiles 8270 or 625 STARS list BN Only PAH list TAGM list CT RCP list TCL list NJDEP list App. IX TCLP BNA STP or TCLP		Metals RCRA 8 PP13 list TAL CT RCP App. IX Site Spec SLP or TCLP Disolved SLP or TCLP Herb Chloridene 608 Pest LIST below		Misc. Org TPH GRO TPH DRG CT ETPH NY 310-13 TPH 1664 Air TO14 Air TO15 Air STARS Air VPH Air TICs Medicine Halogen		Misc. Corrosivity Reactivity Legibility Flash Point Sieve Anal. Heteromorphs TOX BTUlb Aquatic Tox NYCLP Sewer TOC NYSEDC Sewer Asbestos TAGM Silica		Container Description(s) <u>3V 2P</u> <u>3V 2P</u> <u>3V 3P</u>	
Choose Analyses Needed from the Menu Above and Enter Below <u>Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) / VOCs,</u> <u>R260 LIST (EPA SW 845-8260) plus Fe on 13</u> <u>Fe by EPA 800.71 Fe, Dissolved by EPA 8010 (SW 846-6010) / VOCs</u> <u>R260 LIST (EPA SW 845-8260) plus Fe on 13 / TDS (9H 2540c)</u>													
Preservation Check those Applicable Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>		4°C <input type="checkbox"/> Frozen <input type="checkbox"/> HCl <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> Other <input type="checkbox"/>		Samples Relinquished By <u>LBG Fund</u> Date/Time <u>5/21/15 1205</u>		Samples Received By <u>TSandor</u> Date/Time <u>5/21/15 1205</u>		Temperature on Receipt <u>4.0 °C</u>					


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. ISE 1015

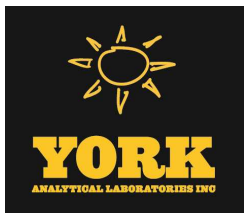
YOUR INFORMATION Company: <u>LBG</u> Address: <u>4 Research Dr. Suite 301 Shelton, CT 06484</u> Phone No: <u>203-929-8555</u> Contact Person: <u>Tunde Sandor</u> E-Mail Address: <u>TSandor@lbgct.com</u>		Report To: Company: <u>Same</u> Address: _____ Phone No: _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No: _____ Attention: _____ E-Mail Address: _____		YOUR PROJECT ID Purchase Order No. <u>NAASAC</u> Samples from: CT <u>NY</u> X NJ _____		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report <u>X</u> pdf Summary w/ QA Summary <u>X</u> pdf CT RCP Package <input type="checkbox"/> CIRCP DO/ADUJE Pkg. <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> NIDEP Red. Deliv. <input type="checkbox"/> Electronic Data Deliverables (EDD) <input type="checkbox"/>	
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles 8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		Semi-Vol. Perfluorinated RCRA8 PP13 list TAL CT 15 list App. IX Site Spec. CT RCP list TCL list NIDEP list App. IX STP Per-TCLP		Metals TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 App. TO14A Air TO15 AS STARS STP Per-TCLP TCLP Herb Chloride App. IX STP Per-TCLP		Misc. Cerrosity Reactivity Ignitability Flash Point Sieve/Anph. Hexachlor TOX BTU/Bp Arsenic Tox NYCEP TOC NYSEDC Asbestos TAGM		Simple Excel <input checked="" type="checkbox"/> NYSEDC EQ/US EQ/US (Std) EZ-EDD (EQ/US) NIDEP SRP HazSite EDD GIS/KEY (Std) Other York Regulatory Comparison Excel Spreadsheet Complete to the following Regs. (please fill in):	

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

Samples Collected/Authorized By (Signature)

 Name (printed)
STEPHEN TAVARES

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)	Temperature on Receipt
WQ052715-1200-NP2-6	5/21/15 1200	GW	Fe by EPA 800.71 Fe; Dissolved by EPA 8010 (SW 846-0-0120) / 10cs, P-260 list (EPA SW 845-8260b) plus Fe con 13	3x 2P	
WQ052715-1205-NP2-7	1205	GW		3x 2P	
WQ052715-1210-NP2-10	1210	GW	Fe by EPA 800.71 Fe; Dissolved by EPA 8010 (SW 846-0-0120) / 10cs, P-260 list (EPA SW 845-8260b) plus Fe con 13 / 10.5 (SH 2540c)	3x 3P	
Comments Preservation <input type="checkbox"/> 4°C <input type="checkbox"/> Frozen <input type="checkbox"/> HCl <input type="checkbox"/> MeOH <input type="checkbox"/> H ₂ SO <input type="checkbox"/> NaOH Check those Applicable Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>					
Samples Relinquished By: <u>[Signature]</u> Date/Time: <u>5/21/15 12:00</u> Samples Received By: <u>[Signature]</u> Date/Time: <u>5/21/15 12:00</u> Samples Received in L.A.B. by: <u>[Signature]</u> Date/Time: <u>5/21/15 12:00</u>					

APPENDIX II
MAY 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: 05/11/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15E0133

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 05/11/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15E0133

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 May 05, 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>
15E0133-01	WQ050115:1000 NP1-1-2	Water	05/01/2015	05/05/2015

General Notes for York Project (SDG) No.: 15E0133

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: 05/11/2015





Sample Information

Client Sample ID: WQ050115:1000 NP1-1-2

York Sample ID: 15E0133-01

<u>York Project (SDG) No.</u> 15E0133	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 1, 2015 10:00 am	<u>Date Received</u> 05/05/2015
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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	05/08/2015 17:10	05/09/2015 11:16	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	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	05/08/2015 17:10	05/09/2015 11:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS



Sample Information

Client Sample ID: WQ050115:1000 NP1-1-2

York Sample ID: 15E0133-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0133

Rowe Industries

Water

May 1, 2015 10:00 am

05/05/2015

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	05/08/2015 17:10	05/09/2015 11:16	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS



Sample Information

Client Sample ID: WQ050115:1000 NP1-1-2

York Sample ID: 15E0133-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0133

Rowe Industries

Water

May 1, 2015 10:00 am

05/05/2015

Volatile Organics, 8260 List - Low Level

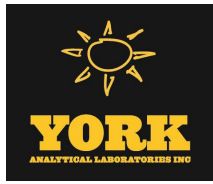
Log-in Notes:

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	05/08/2015 17:10	05/09/2015 11:16	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/08/2015 17:10	05/09/2015 11:16	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/08/2015 17:10	05/09/2015 11:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
127-18-4	Tetrachloroethylene	0.36	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/08/2015 17:10	05/09/2015 11:16	SS

Surrogate Recoveries	Result	Acceptance Range
17060-07-0 <i>Surrogate: 1,2-Dichloroethane-d4</i>	103 %	69-130
2037-26-5 <i>Surrogate: Toluene-d8</i>	99.1 %	81-117
460-00-4 <i>Surrogate: p-Bromofluorobenzene</i>	103 %	79-122



Analytical Batch Summary

Batch ID: BE50454

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15E0133-01	WQ050115:1000 NP1-1-2	05/08/15
BE50454-BLK1	Blank	05/08/15
BE50454-BS1	LCS	05/08/15
BE50454-BSD1	LCS Dup	05/08/15
BE50454-MS1	Matrix Spike	05/08/15
BE50454-MSD1	Matrix Spike Dup	05/08/15



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 BE50454 - EPA 5030B

Blank (BE50454-BLK1)

Prepared: 05/08/2015 Analyzed: 05/09/2015

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	0.40	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.29	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	1.9	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	0.23	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 BE50454 - EPA 5030B

Blank (BE50454-BLK1)

Prepared: 05/08/2015 Analyzed: 05/09/2015

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>9.46</i>		<i>"</i>	<i>10.0</i>		<i>94.6</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>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>		<i>79-122</i>			

LCS (BE50454-BS1)

Prepared: 05/08/2015 Analyzed: 05/09/2015

1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108		82-126			
1,1,1-Trichloroethane	10.9		"	10.0		109		78-136			
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104		76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.90		"	10.0		99.0		54-165			
1,1,2-Trichloroethane	10.4		"	10.0		104		82-123			
1,1-Dichloroethane	10.9		"	10.0		109		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	10.7		"	10.0		107		76-136			
1,2,3-Trichloropropane	10.3		"	10.0		103		77-128			
1,2,4-Trichlorobenzene	10.2		"	10.0		102		76-137			
1,2,4-Trimethylbenzene	10.3		"	10.0		103		82-132			
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106		45-147			
1,2-Dibromoethane	10.6		"	10.0		106		83-124			
1,2-Dichlorobenzene	10.5		"	10.0		105		79-123			
1,2-Dichloroethane	10.6		"	10.0		106		73-132			
1,2-Dichloropropane	10.5		"	10.0		105		78-126			
1,3,5-Trimethylbenzene	10.6		"	10.0		106		80-131			
1,3-Dichlorobenzene	10.5		"	10.0		105		86-122			
1,3-Dichloropropane	10.6		"	10.0		106		81-125			
1,4-Dichlorobenzene	10.4		"	10.0		104		85-124			
2,2-Dichloropropane	8.97		"	10.0		89.7		56-150			
2-Chlorotoluene	10.4		"	10.0		104		79-130			
2-Hexanone	10.4		"	10.0		104		51-146			
4-Chlorotoluene	10.7		"	10.0		107		79-128			
Acetone	9.87		"	10.0		98.7		14-150			
Benzene	10.6		"	10.0		106		85-126			
Bromobenzene	10.6		"	10.0		106		78-129			
Bromochloromethane	11.1		"	10.0		111		77-128			
Bromodichloromethane	10.8		"	10.0		108		79-128			
Bromoform	11.4		"	10.0		114		78-133			
Bromomethane	11.3		"	10.0		113		43-168			
Carbon tetrachloride	11.2		"	10.0		112		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 BE50454 - EPA 5030B

LCS (BE50454-BS1)

Prepared: 05/08/2015 Analyzed: 05/09/2015

Chloroethane	8.94		ug/L	10.0		89.4	65-136				
Chloroform	10.9		"	10.0		109	82-128				
Chloromethane	10.3		"	10.0		103	43-155				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-131				
Dibromochloromethane	10.9		"	10.0		109	80-130				
Dibromomethane	10.4		"	10.0		104	72-134				
Dichlorodifluoromethane	9.70		"	10.0		97.0	44-144				
Ethyl Benzene	10.6		"	10.0		106	80-131				
Hexachlorobutadiene	10.3		"	10.0		103	67-146				
Isopropylbenzene	10.8		"	10.0		108	76-140				
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135				
Methylene chloride	10.0		"	10.0		100	55-137				
Naphthalene	9.98		"	10.0		99.8	70-147				
n-Butylbenzene	10.5		"	10.0		105	79-132				
n-Propylbenzene	10.7		"	10.0		107	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	22.0		"	20.0		110	77-133				
p-Isopropyltoluene	10.6		"	10.0		106	81-136				
sec-Butylbenzene	10.7		"	10.0		107	79-137				
Styrene	10.9		"	10.0		109	67-132				
tert-Butylbenzene	10.8		"	10.0		108	77-138				
Tetrachloroethylene	10.4		"	10.0		104	82-131				
Toluene	10.1		"	10.0		101	80-127				
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	78-131				
Trichloroethylene	10.5		"	10.0		105	82-128				
Trichlorofluoromethane	10.2		"	10.0		102	67-139				
Vinyl Chloride	10.4		"	10.0		104	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.96</i>		<i>"</i>	<i>10.0</i>		<i>99.6</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.98</i>		<i>"</i>	<i>10.0</i>		<i>99.8</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 BE50454 - EPA 5030B											
LCS Dup (BE50454-BSD1)											
Prepared: 05/08/2015 Analyzed: 05/09/2015											
1,1,1,2-Tetrachloroethane	11.1		ug/L	10.0		111	82-126		2.93	30	
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136		6.35	30	
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	76-129		2.37	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.85		"	10.0		88.5	54-165		11.2	30	
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123		3.12	30	
1,1-Dichloroethane	10.6		"	10.0		106	82-129		2.51	30	
1,1-Dichloroethylene	10.2		"	10.0		102	68-138		7.93	30	
1,1-Dichloropropylene	10.2		"	10.0		102	83-133		5.42	30	
1,2,3-Trichlorobenzene	11.3		"	10.0		113	76-136		5.73	30	
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128		0.676	30	
1,2,4-Trichlorobenzene	10.7		"	10.0		107	76-137		5.09	30	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132		0.391	30	
1,2-Dibromo-3-chloropropane	11.1		"	10.0		111	45-147		4.80	30	
1,2-Dibromoethane	10.9		"	10.0		109	83-124		2.51	30	
1,2-Dichlorobenzene	10.6		"	10.0		106	79-123		0.761	30	
1,2-Dichloroethane	10.7		"	10.0		107	73-132		1.31	30	
1,2-Dichloropropane	10.8		"	10.0		108	78-126		2.54	30	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131		2.58	30	
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122		0.574	30	
1,3-Dichloropropane	10.9		"	10.0		109	81-125		2.78	30	
1,4-Dichlorobenzene	10.4		"	10.0		104	85-124		0.193	30	
2,2-Dichloropropane	8.26		"	10.0		82.6	56-150		8.24	30	
2-Chlorotoluene	10.2		"	10.0		102	79-130		1.94	30	
2-Hexanone	11.0		"	10.0		110	51-146		5.90	30	
4-Chlorotoluene	10.7		"	10.0		107	79-128		0.00	30	
Acetone	9.79		"	10.0		97.9	14-150		0.814	30	
Benzene	10.4		"	10.0		104	85-126		1.53	30	
Bromobenzene	10.4		"	10.0		104	78-129		1.24	30	
Bromochloromethane	11.0		"	10.0		110	77-128		1.08	30	
Bromodichloromethane	11.0		"	10.0		110	79-128		1.10	30	
Bromoform	11.5		"	10.0		115	78-133		0.964	30	
Bromomethane	11.3		"	10.0		113	43-168		0.266	30	
Carbon tetrachloride	10.2		"	10.0		102	77-141		9.28	30	
Chlorobenzene	10.7		"	10.0		107	88-120		0.936	30	
Chloroethane	7.79		"	10.0		77.9	65-136		13.7	30	
Chloroform	10.7		"	10.0		107	82-128		1.48	30	
Chloromethane	9.90		"	10.0		99.0	43-155		4.35	30	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129		3.02	30	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	80-131		0.950	30	
Dibromochloromethane	11.4		"	10.0		114	80-130		4.49	30	
Dibromomethane	10.6		"	10.0		106	72-134		2.57	30	
Dichlorodifluoromethane	8.58		"	10.0		85.8	44-144		12.3	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		0.754	30	
Hexachlorobutadiene	10.1		"	10.0		101	67-146		1.76	30	
Isopropylbenzene	10.4		"	10.0		104	76-140		3.79	30	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	76-135		1.02	30	
Methylene chloride	9.91		"	10.0		99.1	55-137		1.10	30	
Naphthalene	10.6		"	10.0		106	70-147		5.74	30	
n-Butylbenzene	10.1		"	10.0		101	79-132		3.49	30	
n-Propylbenzene	10.2		"	10.0		102	78-133		4.02	30	
o-Xylene	10.6		"	10.0		106	78-130		2.09	30	



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 BE50454 - EPA 5030B

LCS Dup (BE50454-BSD1)

Prepared: 05/08/2015 Analyzed: 05/09/2015

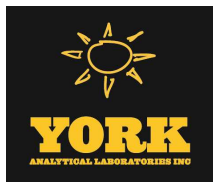
p- & m- Xylenes	21.1		ug/L	20.0		105	77-133		4.23	30
p-Isopropyltoluene	10.3		"	10.0		103	81-136		2.68	30
sec-Butylbenzene	10.2		"	10.0		102	79-137		4.58	30
Styrene	11.0		"	10.0		110	67-132		1.37	30
tert-Butylbenzene	10.3		"	10.0		103	77-138		4.37	30
Tetrachloroethylene	10.1		"	10.0		101	82-131		2.94	30
Toluene	10.0		"	10.0		100	80-127		0.696	30
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		2.74	30
trans-1,3-Dichloropropylene	10.7		"	10.0		107	78-131		3.23	30
Trichloroethylene	10.3		"	10.0		103	82-128		1.92	30
Trichlorofluoromethane	8.98		"	10.0		89.8	67-139		12.5	30
Vinyl Chloride	9.49		"	10.0		94.9	58-145		8.96	30
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</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>9.71</i>		<i>"</i>	<i>10.0</i>		<i>97.1</i>	<i>79-122</i>			

Matrix Spike (BE50454-MS1)

*Source sample: 15E0133-01 (WQ050115:1000 NP1-1-2)

Prepared: 05/08/2015 Analyzed: 05/09/2015

1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0	ND	103	45-161			
1,1,1-Trichloroethane	10.6		"	10.0	ND	106	70-146			
1,1,2,2-Tetrachloroethane	9.88		"	10.0	ND	98.8	74-121			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0	ND	102	21-217			
1,1,2-Trichloroethane	9.75		"	10.0	ND	97.5	59-146			
1,1-Dichloroethane	10.0		"	10.0	ND	100	54-146			
1,1-Dichloroethylene	10.4		"	10.0	ND	104	44-165			
1,1-Dichloropropylene	10.5		"	10.0	ND	105	82-134			
1,2,3-Trichlorobenzene	9.38		"	10.0	ND	93.8	40-161			
1,2,3-Trichloropropane	9.91		"	10.0	ND	99.1	74-127			
1,2,4-Trichlorobenzene	9.01		"	10.0	ND	90.1	41-161			
1,2,4-Trimethylbenzene	9.45		"	10.0	ND	94.5	72-129			
1,2-Dibromo-3-chloropropane	9.73		"	10.0	ND	97.3	31-151			
1,2-Dibromoethane	10.2		"	10.0	ND	102	75-125			
1,2-Dichlorobenzene	9.63		"	10.0	ND	96.3	63-122			
1,2-Dichloroethane	9.97		"	10.0	ND	99.7	68-131			
1,2-Dichloropropane	9.94		"	10.0	ND	99.4	77-121			
1,3,5-Trimethylbenzene	9.78		"	10.0	ND	97.8	69-126			
1,3-Dichlorobenzene	9.55		"	10.0	ND	95.5	74-119			
1,3-Dichloropropane	9.97		"	10.0	ND	99.7	77-119			
1,4-Dichlorobenzene	9.48		"	10.0	ND	94.8	70-124			
2,2-Dichloropropane	5.79		"	10.0	ND	57.9	10-160			
2-Chlorotoluene	9.72		"	10.0	ND	97.2	70-126			
2-Hexanone	9.55		"	10.0	ND	95.5	53-133			
4-Chlorotoluene	9.85		"	10.0	ND	98.5	69-124			
Acetone	8.11		"	10.0	ND	81.1	13-149			
Benzene	9.82		"	10.0	ND	98.2	38-155			
Bromobenzene	9.70		"	10.0	ND	97.0	72-122			
Bromochloromethane	10.1		"	10.0	ND	101	75-121			
Bromodichloromethane	9.98		"	10.0	ND	99.8	70-129			
Bromoform	10.7		"	10.0	ND	107	66-136			
Bromomethane	8.92		"	10.0	ND	89.2	30-158			
Carbon tetrachloride	10.6		"	10.0	ND	106	71-146			
Chlorobenzene	10.0		"	10.0	ND	100	81-117			
Chloroethane	8.36		"	10.0	ND	83.6	51-145			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE50454 - EPA 5030B

Matrix Spike (BE50454-MS1)	*Source sample: 15E0133-01 (WQ050115:1000 NP1-1-2)						Prepared: 05/08/2015 Analyzed: 05/09/2015				
Chloroform	10.2		ug/L	10.0	ND	102	80-124				
Chloromethane	8.34		"	10.0	ND	83.4	16-163				
cis-1,2-Dichloroethylene	9.66		"	10.0	ND	96.6	76-125				
cis-1,3-Dichloropropylene	8.85		"	10.0	ND	88.5	58-131				
Dibromochloromethane	10.5		"	10.0	ND	105	71-129				
Dibromomethane	9.65		"	10.0	ND	96.5	76-120				
Dichlorodifluoromethane	6.92		"	10.0	ND	69.2	30-147				
Ethyl Benzene	10.1		"	10.0	ND	101	72-128				
Hexachlorobutadiene	9.21		"	10.0	ND	92.1	34-166				
Isopropylbenzene	10.1		"	10.0	ND	101	66-139				
Methyl tert-butyl ether (MTBE)	9.74		"	10.0	ND	97.4	75-128				
Methylene chloride	9.37		"	10.0	ND	93.7	57-128				
Naphthalene	8.78		"	10.0	ND	87.8	39-158				
n-Butylbenzene	9.78		"	10.0	ND	97.8	61-138				
n-Propylbenzene	10.0		"	10.0	ND	100	66-134				
o-Xylene	9.82		"	10.0	ND	98.2	69-126				
p- & m- Xylenes	20.9		"	20.0	ND	104	67-130				
p-Isopropyltoluene	9.92		"	10.0	ND	99.2	64-137				
sec-Butylbenzene	10.2		"	10.0	ND	102	53-155				
Styrene	10.2		"	10.0	ND	102	69-125				
tert-Butylbenzene	10.2		"	10.0	ND	102	65-139				
Tetrachloroethylene	10.1		"	10.0	0.360	97.5	64-139				
Toluene	9.37		"	10.0	ND	93.7	76-123				
trans-1,2-Dichloroethylene	9.94		"	10.0	ND	99.4	79-131				
trans-1,3-Dichloropropylene	9.02		"	10.0	ND	90.2	55-130				
Trichloroethylene	10.1		"	10.0	ND	101	53-145				
Trichlorofluoromethane	9.83		"	10.0	ND	98.3	61-142				
Vinyl Chloride	9.17		"	10.0	ND	91.7	31-165				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.92</i>		<i>"</i>	<i>10.0</i>		<i>99.2</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.87</i>		<i>"</i>	<i>10.0</i>		<i>98.7</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 BE50454 - EPA 5030B											
Matrix Spike Dup (BE50454-MSD1)	*Source sample: 15E0133-01 (WQ050115:1000 NP1-1-2)						Prepared: 05/08/2015 Analyzed: 05/09/2015				
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0	ND	104	45-161		1.54	30	
1,1,1-Trichloroethane	10.4		"	10.0	ND	104	70-146		1.33	30	
1,1,2,2-Tetrachloroethane	10.3		"	10.0	ND	103	74-121		4.26	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0	ND	103	21-217		0.488	30	
1,1,2-Trichloroethane	10.4		"	10.0	ND	104	59-146		6.26	30	
1,1-Dichloroethane	9.81		"	10.0	ND	98.1	54-146		2.42	30	
1,1-Dichloroethylene	9.72		"	10.0	ND	97.2	44-165		6.57	30	
1,1-Dichloropropylene	10.2		"	10.0	ND	102	82-134		3.48	30	
1,2,3-Trichlorobenzene	9.97		"	10.0	ND	99.7	40-161		6.10	30	
1,2,3-Trichloropropane	10.5		"	10.0	ND	105	74-127		6.16	30	
1,2,4-Trichlorobenzene	9.45		"	10.0	ND	94.5	41-161		4.77	30	
1,2,4-Trimethylbenzene	9.53		"	10.0	ND	95.3	72-129		0.843	30	
1,2-Dibromo-3-chloropropane	10.4		"	10.0	ND	104	31-151		7.04	30	
1,2-Dibromoethane	10.6		"	10.0	ND	106	75-125		3.86	30	
1,2-Dichlorobenzene	9.77		"	10.0	ND	97.7	63-122		1.44	30	
1,2-Dichloroethane	9.92		"	10.0	ND	99.2	68-131		0.503	30	
1,2-Dichloropropane	10.1		"	10.0	ND	101	77-121		1.89	30	
1,3,5-Trimethylbenzene	9.77		"	10.0	ND	97.7	69-126		0.102	30	
1,3-Dichlorobenzene	9.76		"	10.0	ND	97.6	74-119		2.18	30	
1,3-Dichloropropane	10.4		"	10.0	ND	104	77-119		4.22	30	
1,4-Dichlorobenzene	9.73		"	10.0	ND	97.3	70-124		2.60	30	
2,2-Dichloropropane	5.67		"	10.0	ND	56.7	10-160		2.09	30	
2-Chlorotoluene	9.79		"	10.0	ND	97.9	70-126		0.718	30	
2-Hexanone	10.2		"	10.0	ND	102	53-133		7.07	30	
4-Chlorotoluene	9.95		"	10.0	ND	99.5	69-124		1.01	30	
Acetone	8.15		"	10.0	ND	81.5	13-149		0.492	30	
Benzene	9.72		"	10.0	ND	97.2	38-155		1.02	30	
Bromobenzene	9.94		"	10.0	ND	99.4	72-122		2.44	30	
Bromochloromethane	10.2		"	10.0	ND	102	75-121		1.08	30	
Bromodichloromethane	10.3		"	10.0	ND	103	70-129		3.45	30	
Bromoform	11.5		"	10.0	ND	115	66-136		7.41	30	
Bromomethane	9.38		"	10.0	ND	93.8	30-158		5.03	30	
Carbon tetrachloride	10.5		"	10.0	ND	105	71-146		0.945	30	
Chlorobenzene	10.1		"	10.0	ND	101	81-117		1.29	30	
Chloroethane	7.58		"	10.0	ND	75.8	51-145		9.79	30	
Chloroform	10.0		"	10.0	ND	100	80-124		1.58	30	
Chloromethane	8.63		"	10.0	ND	86.3	16-163		3.42	30	
cis-1,2-Dichloroethylene	9.61		"	10.0	ND	96.1	76-125		0.519	30	
cis-1,3-Dichloropropylene	9.24		"	10.0	ND	92.4	58-131		4.31	30	
Dibromochloromethane	10.8		"	10.0	ND	108	71-129		2.99	30	
Dibromomethane	10.2		"	10.0	ND	102	76-120		6.03	30	
Dichlorodifluoromethane	6.58		"	10.0	ND	65.8	30-147		5.04	30	
Ethyl Benzene	10.3		"	10.0	ND	103	72-128		1.76	30	
Hexachlorobutadiene	9.62		"	10.0	ND	96.2	34-166		4.35	30	
Isopropylbenzene	10.2		"	10.0	ND	102	66-139		0.296	30	
Methyl tert-butyl ether (MTBE)	9.82		"	10.0	ND	98.2	75-128		0.818	30	
Methylene chloride	8.99		"	10.0	ND	89.9	57-128		4.14	30	
Naphthalene	9.50		"	10.0	ND	95.0	39-158		7.88	30	
n-Butylbenzene	9.96		"	10.0	ND	99.6	61-138		1.82	30	
n-Propylbenzene	10.1		"	10.0	ND	101	66-134		0.595	30	
o-Xylene	9.93		"	10.0	ND	99.3	69-126		1.11	30	



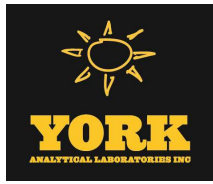
Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

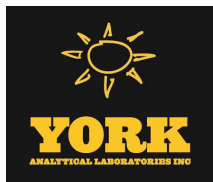
Batch BE50454 - EPA 5030B

Matrix Spike Dup (BE50454-MSD1)	*Source sample: 15E0133-01 (WQ050115:1000 NP1-1-2)					Prepared: 05/08/2015 Analyzed: 05/09/2015					
p- & m- Xylenes	21.0		ug/L	20.0	ND	105	67-130			0.430	30
p-Isopropyltoluene	10.1		"	10.0	ND	101	64-137			1.80	30
sec-Butylbenzene	10.4		"	10.0	ND	104	53-155			1.66	30
Styrene	10.4		"	10.0	ND	104	69-125			1.17	30
tert-Butylbenzene	10.3		"	10.0	ND	103	65-139			1.56	30
Tetrachloroethylene	10.5		"	10.0	0.360	101	64-139			3.53	30
Toluene	9.53		"	10.0	ND	95.3	76-123			1.69	30
trans-1,2-Dichloroethylene	9.72		"	10.0	ND	97.2	79-131			2.24	30
trans-1,3-Dichloropropylene	9.35		"	10.0	ND	93.5	55-130			3.59	30
Trichloroethylene	10.2		"	10.0	ND	102	53-145			0.884	30
Trichlorofluoromethane	10.1		"	10.0	ND	101	61-142			2.31	30
Vinyl Chloride	9.49		"	10.0	ND	94.9	31-165			3.43	30
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</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>9.69</i>		<i>"</i>	<i>10.0</i>		<i>96.9</i>	<i>79-122</i>				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15E0133-01	WQ050115:1000 NP1-1-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

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

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

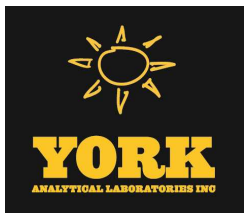
Field Chain-of-Custody Record

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

York Project No. 18E0133

YOUR Information Company: <u>LAB6</u> Address: <u>4 Research Dr. Suite 301</u> <u>Shelton, CT 06484</u> Phone No. <u>203-829-8555</u> Contact Person: <u>Tunde Sander</u> E-Mail Address: <u>T.Sander@LAB6.CT.COM</u>		Report To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR Project ID <u>Rowe Industries.</u> Purchase Order No. <u>HABSA6</u> Samples from: CT <u>NY</u> <u>X</u> NJ _____		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report <input checked="" type="checkbox"/> <u>pdf</u> Summary w/ QA Summary <input checked="" type="checkbox"/> <u>pdf</u> CT RCP Package <input type="checkbox"/> CTRCP DQA/DUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input checked="" type="checkbox"/> <u>pdf</u> NIDEP Red. Deliv. <input type="checkbox"/> Electronic Data Deliverables (EDD) <input type="checkbox"/> Simple Excel <input checked="" type="checkbox"/> <u>X</u> NYSDEC E-QuIS <input type="checkbox"/> E-QuIS (std) <input type="checkbox"/> EZ-EDD (E-QuIS) <input type="checkbox"/> NIDEP SRP HazSite EDD <input type="checkbox"/> GIS/KEY (std) <input type="checkbox"/> Other _____ York Regulatory Comparison <input type="checkbox"/> Excel Spreadsheet <input type="checkbox"/> Compare to the following Sigs. (please fill in): _____	
Volatiles 8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halcg only App. IX list 8021B list		Semi-Volatiles 8270 or 623 STARS list EN Only PAH list TAGM list CT RCP list TCL list App. IX list TCLP BNA SELP or TCLP		Metals RCRA8 PP13 list TAL CT13 list TAGM list NIDEP list Air TO14A Air TO15 Air STARS SELP or TCLP Air VPH Air TICs Methane LIST Below Helium		Misc. Org. TPH GRO TPH DRP CT ETPH NY 310-13 TPH 1064 Air TO14A Air TO15 Air STARS SELP or TCLP Air VPH Air TICs Methane LIST Below Helium		Misc. Controversy TCL Cages Reactivity Ignitability Full TCLP Full App. IX Site Anal. Pre-500 Repts Heteroatoms Full 300 Bioassay TOX Full 300 Bioassay BTUAB Per 300 Bioassay Aromatic Tox. NYDEC Repts TOC NYDEC Repts Asbestos TAGM Silica			
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Sample Matrix GW		Date Sampled <u>5/1/15 1000</u> <u>6/20/15 1000</u> <u>NR052115 1000</u>		Choose Analyses Needed from the Menu Above and Enter Below <u>VOC 8260 full list (EPA SW846-8260B) plus from 113</u> <u>31</u> <u>31</u>		Container Description(s) <u>31</u> <u>31</u> <u>31</u>			
Comments Preservation <input type="checkbox"/> Check those Applicable Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>		4°C <input type="checkbox"/> Frozen <input type="checkbox"/> HCl <input type="checkbox"/> MeOH <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> Ascorbic Acid <input type="checkbox"/> Other <input type="checkbox"/>		Samples Relinquished By <u>[Signature]</u> Date/Time <u>5/15/15</u> Samples Received By <u>[Signature]</u> Date/Time <u>5/15/15</u>		Temperature on Receipt <u>4.1</u> °C					

(Row & Fkw)



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 204

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 05/12/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15E0138

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 05/12/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15E0138

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 May 05, 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>
15E0138-01	WQ050115:1030FRW1	Water	05/01/2015	05/05/2015
15E0138-02	WQ050115:1030FRW2	Water	05/01/2015	05/05/2015
15E0138-03	WQ050115:1040FRW3	Water	05/01/2015	05/05/2015
15E0138-04	WQ050115:1040FRW4	Water	05/01/2015	05/05/2015

General Notes for York Project (SDG) No.: 15E0138

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: 05/12/2015





Sample Information

Client Sample ID: WQ050115:1030FRW1

York Sample ID: 15E0138-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
15E0138	Rowe Industries	Water	May 1, 2015 10:30 am	05/05/2015

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	05/08/2015 17:10	05/09/2015 11:48	SS
71-55-6	1,1,1-Trichloroethane	0.43	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	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	05/08/2015 17:10	05/09/2015 11:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS



Sample Information

Client Sample ID: WQ050115:1030FRW1

York Sample ID: 15E0138-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0138

Rowe Industries

Water

May 1, 2015 10:30 am

05/05/2015

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	05/08/2015 17:10	05/09/2015 11:48	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
156-59-2	cis-1,2-Dichloroethylene	1.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS



Sample Information

Client Sample ID: WQ050115:1030FRW1

York Sample ID: 15E0138-01

York Project (SDG) No.

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Rowe Industries

Water

May 1, 2015 10:30 am

05/05/2015

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	05/08/2015 17:10	05/09/2015 11:48	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/08/2015 17:10	05/09/2015 11:48	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/08/2015 17:10	05/09/2015 11:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
127-18-4	Tetrachloroethylene	34		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
79-01-6	Trichloroethylene	0.49	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/08/2015 17:10	05/09/2015 11:48	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	69-130								
2037-26-5	Surrogate: Toluene-d8	98.0 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	106 %	79-122								



Sample Information

Client Sample ID: WQ050115:1030FRW2

York Sample ID: 15E0138-02

York Project (SDG) No.

Client Project ID

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Collection Date/Time

Date Received

15E0138

Rowe Industries

Water

May 1, 2015 10:35 am

05/05/2015

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	05/08/2015 17:10	05/09/2015 12:21	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	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	05/08/2015 17:10	05/09/2015 12:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS



Sample Information

Client Sample ID: WQ050115:1030FRW2

York Sample ID: 15E0138-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0138

Rowe Industries

Water

May 1, 2015 10:35 am

05/05/2015

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	05/08/2015 17:10	05/09/2015 12:21	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS



Sample Information

Client Sample ID: WQ050115:1030FRW2

York Sample ID: 15E0138-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0138

Rowe Industries

Water

May 1, 2015 10:35 am

05/05/2015

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	05/08/2015 17:10	05/09/2015 12:21	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/08/2015 17:10	05/09/2015 12:21	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/08/2015 17:10	05/09/2015 12:21	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
127-18-4	Tetrachloroethylene	23		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
79-01-6	Trichloroethylene	0.64		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/08/2015 17:10	05/09/2015 12:21	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.8 %	69-130								
2037-26-5	Surrogate: Toluene-d8	99.1 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	108 %	79-122								

Sample Information

Client Sample ID: WQ050115:1040FRW3

York Sample ID: 15E0138-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0138

Rowe Industries

Water

May 1, 2015 10:40 am

05/05/2015



Sample Information

Client Sample ID: WQ050115:1040FRW3

York Sample ID: 15E0138-03

York Project (SDG) No.
15E0138

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
May 1, 2015 10:40 am

Date Received
05/05/2015

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	05/08/2015 17:10	05/09/2015 12:54	SS
71-55-6	1,1,1-Trichloroethane	0.87		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	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	05/08/2015 17:10	05/09/2015 12:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS



Sample Information

Client Sample ID: WQ050115:1040FRW3

York Sample ID: 15E0138-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0138

Rowe Industries

Water

May 1, 2015 10:40 am

05/05/2015

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	05/08/2015 17:10	05/09/2015 12:54	SS
67-64-1	Acetone	1.3	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
156-59-2	cis-1,2-Dichloroethylene	5.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
98-82-8	Isopropylbenzene	0.81		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS



Sample Information

Client Sample ID: WQ050115:1040FRW3

York Sample ID: 15E0138-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0138

Rowe Industries

Water

May 1, 2015 10:40 am

05/05/2015

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	05/08/2015 17:10	05/09/2015 12:54	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
103-65-1	n-Propylbenzene	0.45	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/08/2015 17:10	05/09/2015 12:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/08/2015 17:10	05/09/2015 12:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
127-18-4	Tetrachloroethylene	89		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/11/2015 16:21	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
79-01-6	Trichloroethylene	3.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/08/2015 17:10	05/09/2015 12:54	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.9 %			69-130						
2037-26-5	Surrogate: Toluene-d8	94.7 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	122 %			79-122						



Sample Information

Client Sample ID: WQ050115:1040FRW4

York Sample ID: 15E0138-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0138

Rowe Industries

Water

May 1, 2015 10:45 am

05/05/2015

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	05/08/2015 17:10	05/09/2015 13:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	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	05/08/2015 17:10	05/09/2015 13:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS



Sample Information

Client Sample ID: WQ050115:1040FRW4

York Sample ID: 15E0138-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0138

Rowe Industries

Water

May 1, 2015 10:45 am

05/05/2015

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	05/08/2015 17:10	05/09/2015 13:26	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
156-59-2	cis-1,2-Dichloroethylene	0.48	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS



Sample Information

Client Sample ID: WQ050115:1040FRW4

York Sample ID: 15E0138-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0138

Rowe Industries

Water

May 1, 2015 10:45 am

05/05/2015

Volatile Organics, 8260 List - Low Level

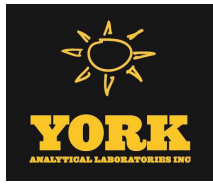
Log-in Notes:

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	05/08/2015 17:10	05/09/2015 13:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/08/2015 17:10	05/09/2015 13:26	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/08/2015 17:10	05/09/2015 13:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
127-18-4	Tetrachloroethylene	5.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
79-01-6	Trichloroethylene	0.29	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/08/2015 17:10	05/09/2015 13:26	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	69-130
2037-26-5	Surrogate: Toluene-d8	98.9 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	112 %	79-122



Analytical Batch Summary

Batch ID: BE50454

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15E0138-01	WQ050115:1030FRW1	05/08/15
15E0138-02	WQ050115:1030FRW2	05/08/15
15E0138-03	WQ050115:1040FRW3	05/08/15
15E0138-04	WQ050115:1040FRW4	05/08/15
BE50454-BLK1	Blank	05/08/15
BE50454-BS1	LCS	05/08/15
BE50454-BSD1	LCS Dup	05/08/15

Batch ID: BE50496

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15E0138-03RE1	WQ050115:1040FRW3	05/11/15
BE50496-BLK1	Blank	05/11/15
BE50496-BS1	LCS	05/11/15
BE50496-BSD1	LCS Dup	05/11/15



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 BE50454 - EPA 5030B

Blank (BE50454-BLK1)

Prepared: 05/08/2015 Analyzed: 05/09/2015

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	0.40	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.29	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	1.9	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	0.23	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 BE50454 - EPA 5030B

Blank (BE50454-BLK1)

Prepared: 05/08/2015 Analyzed: 05/09/2015

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>9.46</i>		<i>"</i>	<i>10.0</i>		<i>94.6</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>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>79-122</i>				

LCS (BE50454-BS1)

Prepared: 05/08/2015 Analyzed: 05/09/2015

1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126				
1,1,1-Trichloroethane	10.9		"	10.0		109	78-136				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.90		"	10.0		99.0	54-165				
1,1,2-Trichloroethane	10.4		"	10.0		104	82-123				
1,1-Dichloroethane	10.9		"	10.0		109	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	10.7		"	10.0		107	76-136				
1,2,3-Trichloropropane	10.3		"	10.0		103	77-128				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-137				
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132				
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	45-147				
1,2-Dibromoethane	10.6		"	10.0		106	83-124				
1,2-Dichlorobenzene	10.5		"	10.0		105	79-123				
1,2-Dichloroethane	10.6		"	10.0		106	73-132				
1,2-Dichloropropane	10.5		"	10.0		105	78-126				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131				
1,3-Dichlorobenzene	10.5		"	10.0		105	86-122				
1,3-Dichloropropane	10.6		"	10.0		106	81-125				
1,4-Dichlorobenzene	10.4		"	10.0		104	85-124				
2,2-Dichloropropane	8.97		"	10.0		89.7	56-150				
2-Chlorotoluene	10.4		"	10.0		104	79-130				
2-Hexanone	10.4		"	10.0		104	51-146				
4-Chlorotoluene	10.7		"	10.0		107	79-128				
Acetone	9.87		"	10.0		98.7	14-150				
Benzene	10.6		"	10.0		106	85-126				
Bromobenzene	10.6		"	10.0		106	78-129				
Bromochloromethane	11.1		"	10.0		111	77-128				
Bromodichloromethane	10.8		"	10.0		108	79-128				
Bromoform	11.4		"	10.0		114	78-133				
Bromomethane	11.3		"	10.0		113	43-168				
Carbon tetrachloride	11.2		"	10.0		112	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 BE50454 - EPA 5030B

LCS (BE50454-BS1)

Prepared: 05/08/2015 Analyzed: 05/09/2015

Chloroethane	8.94		ug/L	10.0		89.4	65-136						
Chloroform	10.9		"	10.0		109	82-128						
Chloromethane	10.3		"	10.0		103	43-155						
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129						
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-131						
Dibromochloromethane	10.9		"	10.0		109	80-130						
Dibromomethane	10.4		"	10.0		104	72-134						
Dichlorodifluoromethane	9.70		"	10.0		97.0	44-144						
Ethyl Benzene	10.6		"	10.0		106	80-131						
Hexachlorobutadiene	10.3		"	10.0		103	67-146						
Isopropylbenzene	10.8		"	10.0		108	76-140						
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135						
Methylene chloride	10.0		"	10.0		100	55-137						
Naphthalene	9.98		"	10.0		99.8	70-147						
n-Butylbenzene	10.5		"	10.0		105	79-132						
n-Propylbenzene	10.7		"	10.0		107	78-133						
o-Xylene	10.4		"	10.0		104	78-130						
p- & m- Xylenes	22.0		"	20.0		110	77-133						
p-Isopropyltoluene	10.6		"	10.0		106	81-136						
sec-Butylbenzene	10.7		"	10.0		107	79-137						
Styrene	10.9		"	10.0		109	67-132						
tert-Butylbenzene	10.8		"	10.0		108	77-138						
Tetrachloroethylene	10.4		"	10.0		104	82-131						
Toluene	10.1		"	10.0		101	80-127						
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132						
trans-1,3-Dichloropropylene	10.4		"	10.0		104	78-131						
Trichloroethylene	10.5		"	10.0		105	82-128						
Trichlorofluoromethane	10.2		"	10.0		102	67-139						
Vinyl Chloride	10.4		"	10.0		104	58-145						
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>69-130</i>						
<i>Surrogate: Toluene-d8</i>	<i>9.96</i>		<i>"</i>	<i>10.0</i>		<i>99.6</i>	<i>81-117</i>						
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.98</i>		<i>"</i>	<i>10.0</i>		<i>99.8</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 BE50454 - EPA 5030B										
LCS Dup (BE50454-BSD1)										
Prepared: 05/08/2015 Analyzed: 05/09/2015										
1,1,1,2-Tetrachloroethane	11.1		ug/L	10.0	111	82-126			2.93	30
1,1,1-Trichloroethane	10.2		"	10.0	102	78-136			6.35	30
1,1,2,2-Tetrachloroethane	10.7		"	10.0	107	76-129			2.37	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.85		"	10.0	88.5	54-165			11.2	30
1,1,2-Trichloroethane	10.7		"	10.0	107	82-123			3.12	30
1,1-Dichloroethane	10.6		"	10.0	106	82-129			2.51	30
1,1-Dichloroethylene	10.2		"	10.0	102	68-138			7.93	30
1,1-Dichloropropylene	10.2		"	10.0	102	83-133			5.42	30
1,2,3-Trichlorobenzene	11.3		"	10.0	113	76-136			5.73	30
1,2,3-Trichloropropane	10.4		"	10.0	104	77-128			0.676	30
1,2,4-Trichlorobenzene	10.7		"	10.0	107	76-137			5.09	30
1,2,4-Trimethylbenzene	10.2		"	10.0	102	82-132			0.391	30
1,2-Dibromo-3-chloropropane	11.1		"	10.0	111	45-147			4.80	30
1,2-Dibromoethane	10.9		"	10.0	109	83-124			2.51	30
1,2-Dichlorobenzene	10.6		"	10.0	106	79-123			0.761	30
1,2-Dichloroethane	10.7		"	10.0	107	73-132			1.31	30
1,2-Dichloropropane	10.8		"	10.0	108	78-126			2.54	30
1,3,5-Trimethylbenzene	10.4		"	10.0	104	80-131			2.58	30
1,3-Dichlorobenzene	10.4		"	10.0	104	86-122			0.574	30
1,3-Dichloropropane	10.9		"	10.0	109	81-125			2.78	30
1,4-Dichlorobenzene	10.4		"	10.0	104	85-124			0.193	30
2,2-Dichloropropane	8.26		"	10.0	82.6	56-150			8.24	30
2-Chlorotoluene	10.2		"	10.0	102	79-130			1.94	30
2-Hexanone	11.0		"	10.0	110	51-146			5.90	30
4-Chlorotoluene	10.7		"	10.0	107	79-128			0.00	30
Acetone	9.79		"	10.0	97.9	14-150			0.814	30
Benzene	10.4		"	10.0	104	85-126			1.53	30
Bromobenzene	10.4		"	10.0	104	78-129			1.24	30
Bromochloromethane	11.0		"	10.0	110	77-128			1.08	30
Bromodichloromethane	11.0		"	10.0	110	79-128			1.10	30
Bromoform	11.5		"	10.0	115	78-133			0.964	30
Bromomethane	11.3		"	10.0	113	43-168			0.266	30
Carbon tetrachloride	10.2		"	10.0	102	77-141			9.28	30
Chlorobenzene	10.7		"	10.0	107	88-120			0.936	30
Chloroethane	7.79		"	10.0	77.9	65-136			13.7	30
Chloroform	10.7		"	10.0	107	82-128			1.48	30
Chloromethane	9.90		"	10.0	99.0	43-155			4.35	30
cis-1,2-Dichloroethylene	10.4		"	10.0	104	83-129			3.02	30
cis-1,3-Dichloropropylene	10.6		"	10.0	106	80-131			0.950	30
Dibromochloromethane	11.4		"	10.0	114	80-130			4.49	30
Dibromomethane	10.6		"	10.0	106	72-134			2.57	30
Dichlorodifluoromethane	8.58		"	10.0	85.8	44-144			12.3	30
Ethyl Benzene	10.6		"	10.0	106	80-131			0.754	30
Hexachlorobutadiene	10.1		"	10.0	101	67-146			1.76	30
Isopropylbenzene	10.4		"	10.0	104	76-140			3.79	30
Methyl tert-butyl ether (MTBE)	10.9		"	10.0	109	76-135			1.02	30
Methylene chloride	9.91		"	10.0	99.1	55-137			1.10	30
Naphthalene	10.6		"	10.0	106	70-147			5.74	30
n-Butylbenzene	10.1		"	10.0	101	79-132			3.49	30
n-Propylbenzene	10.2		"	10.0	102	78-133			4.02	30
o-Xylene	10.6		"	10.0	106	78-130			2.09	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	Flag
		Limit			Result					Limit	

Batch BE50454 - EPA 5030B

LCS Dup (BE50454-BSD1)

Prepared: 05/08/2015 Analyzed: 05/09/2015

p- & m- Xylenes	21.1		ug/L	20.0		105	77-133			4.23	30
p-Isopropyltoluene	10.3		"	10.0		103	81-136			2.68	30
sec-Butylbenzene	10.2		"	10.0		102	79-137			4.58	30
Styrene	11.0		"	10.0		110	67-132			1.37	30
tert-Butylbenzene	10.3		"	10.0		103	77-138			4.37	30
Tetrachloroethylene	10.1		"	10.0		101	82-131			2.94	30
Toluene	10.0		"	10.0		100	80-127			0.696	30
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132			2.74	30
trans-1,3-Dichloropropylene	10.7		"	10.0		107	78-131			3.23	30
Trichloroethylene	10.3		"	10.0		103	82-128			1.92	30
Trichlorofluoromethane	8.98		"	10.0		89.8	67-139			12.5	30
Vinyl Chloride	9.49		"	10.0		94.9	58-145			8.96	30
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</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>9.71</i>		<i>"</i>	<i>10.0</i>		<i>97.1</i>	<i>79-122</i>				

Batch BE50496 - EPA 5030B

Blank (BE50496-BLK1)

Prepared & Analyzed: 05/11/2015

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	0.41	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.33	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	Limits	Flag	RPD	Limit	Flag
		Limit		Level	Result	%REC			RPD		

Batch BE50496 - EPA 5030B

Blank (BE50496-BLK1)

Prepared & Analyzed: 05/11/2015

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	0.41	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/>											
Surrogate: 1,2-Dichloroethane-d4	9.73		"	10.0		97.3	69-130				
Surrogate: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: p-Bromofluorobenzene	10.6		"	10.0		106	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE50496 - EPA 5030B

LCS (BE50496-BS1)

Prepared & Analyzed: 05/11/2015

1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0		107	82-126					
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136					
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	76-129					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.93		"	10.0		99.3	54-165					
1,1,2-Trichloroethane	9.90		"	10.0		99.0	82-123					
1,1-Dichloroethane	10.6		"	10.0		106	82-129					
1,1-Dichloroethylene	10.8		"	10.0		108	68-138					
1,1-Dichloropropylene	10.7		"	10.0		107	83-133					
1,2,3-Trichlorobenzene	11.0		"	10.0		110	76-136					
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128					
1,2,4-Trichlorobenzene	10.8		"	10.0		108	76-137					
1,2,4-Trimethylbenzene	10.5		"	10.0		105	82-132					
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	45-147					
1,2-Dibromoethane	10.4		"	10.0		104	83-124					
1,2-Dichlorobenzene	10.6		"	10.0		106	79-123					
1,2-Dichloroethane	10.0		"	10.0		100	73-132					
1,2-Dichloropropane	10.6		"	10.0		106	78-126					
1,3,5-Trimethylbenzene	10.9		"	10.0		109	80-131					
1,3-Dichlorobenzene	10.7		"	10.0		107	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	13.4		"	10.0		134	56-150					
2-Chlorotoluene	10.7		"	10.0		107	79-130					
2-Hexanone	9.89		"	10.0		98.9	51-146					
4-Chlorotoluene	11.0		"	10.0		110	79-128					
Acetone	7.63		"	10.0		76.3	14-150					
Benzene	10.3		"	10.0		103	85-126					
Bromobenzene	10.6		"	10.0		106	78-129					
Bromochloromethane	10.4		"	10.0		104	77-128					
Bromodichloromethane	10.7		"	10.0		107	79-128					
Bromoform	11.0		"	10.0		110	78-133					
Bromomethane	13.2		"	10.0		132	43-168					
Carbon tetrachloride	10.9		"	10.0		109	77-141					
Chlorobenzene	10.8		"	10.0		108	88-120					
Chloroethane	8.86		"	10.0		88.6	65-136					
Chloroform	10.7		"	10.0		107	82-128					
Chloromethane	10.6		"	10.0		106	43-155					
cis-1,2-Dichloroethylene	10.9		"	10.0		109	83-129					
cis-1,3-Dichloropropylene	11.2		"	10.0		112	80-131					
Dibromochloromethane	10.6		"	10.0		106	80-130					
Dibromomethane	10.2		"	10.0		102	72-134					
Dichlorodifluoromethane	11.0		"	10.0		110	44-144					
Ethyl Benzene	10.9		"	10.0		109	80-131					
Hexachlorobutadiene	11.8		"	10.0		118	67-146					
Isopropylbenzene	11.0		"	10.0		110	76-140					
Methyl tert-butyl ether (MTBE)	9.71		"	10.0		97.1	76-135					
Methylene chloride	9.50		"	10.0		95.0	55-137					
Naphthalene	9.84		"	10.0		98.4	70-147					
n-Butylbenzene	11.5		"	10.0		115	79-132					
n-Propylbenzene	11.1		"	10.0		111	78-133					
o-Xylene	10.4		"	10.0		104	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 BE50496 - EPA 5030B

LCS (BE50496-BS1)

Prepared & Analyzed: 05/11/2015

p- & m- Xylenes	21.3		ug/L	20.0		106	77-133				
p-Isopropyltoluene	11.3		"	10.0		113	81-136				
sec-Butylbenzene	11.3		"	10.0		113	79-137				
Styrene	11.0		"	10.0		110	67-132				
tert-Butylbenzene	11.0		"	10.0		110	77-138				
Tetrachloroethylene	10.9		"	10.0		109	82-131				
Toluene	10.1		"	10.0		101	80-127				
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	11.0		"	10.0		110	78-131				
Trichloroethylene	10.6		"	10.0		106	82-128				
Trichlorofluoromethane	10.1		"	10.0		101	67-139				
Vinyl Chloride	11.0		"	10.0		110	58-145				
Surrogate: 1,2-Dichloroethane-d4	9.41		"	10.0		94.1	69-130				
Surrogate: Toluene-d8	9.95		"	10.0		99.5	81-117				
Surrogate: p-Bromofluorobenzene	9.98		"	10.0		99.8	79-122				

LCS Dup (BE50496-BSD1)

Prepared & Analyzed: 05/11/2015

1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126		0.746	30	
1,1,1-Trichloroethane	10.7		"	10.0		107	78-136		1.67	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		1.78	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.61		"	10.0		96.1	54-165		3.28	30	
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123		7.95	30	
1,1-Dichloroethane	10.8		"	10.0		108	82-129		1.68	30	
1,1-Dichloroethylene	10.5		"	10.0		105	68-138		2.71	30	
1,1-Dichloropropylene	10.6		"	10.0		106	83-133		1.04	30	
1,2,3-Trichlorobenzene	11.1		"	10.0		111	76-136		1.27	30	
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128		1.36	30	
1,2,4-Trichlorobenzene	10.7		"	10.0		107	76-137		0.372	30	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132		3.87	30	
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	45-147		0.00	30	
1,2-Dibromoethane	10.7		"	10.0		107	83-124		3.33	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		1.72	30	
1,2-Dichloroethane	10.7		"	10.0		107	73-132		6.19	30	
1,2-Dichloropropane	10.9		"	10.0		109	78-126		2.41	30	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131		4.61	30	
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122		1.78	30	
1,3-Dichloropropane	10.8		"	10.0		108	81-125		4.84	30	
1,4-Dichlorobenzene	10.5		"	10.0		105	85-124		2.08	30	
2,2-Dichloropropane	12.8		"	10.0		128	56-150		4.49	30	
2-Chlorotoluene	10.3		"	10.0		103	79-130		3.81	30	
2-Hexanone	10.5		"	10.0		105	51-146		5.98	30	
4-Chlorotoluene	10.7		"	10.0		107	79-128		2.68	30	
Acetone	8.65		"	10.0		86.5	14-150		12.5	30	
Benzene	10.3		"	10.0		103	85-126		0.0971	30	
Bromobenzene	10.4		"	10.0		104	78-129		1.14	30	
Bromochloromethane	11.1		"	10.0		111	77-128		6.31	30	
Bromodichloromethane	10.9		"	10.0		109	79-128		1.67	30	
Bromoform	11.4		"	10.0		114	78-133		3.49	30	
Bromomethane	12.6		"	10.0		126	43-168		3.96	30	
Carbon tetrachloride	10.7		"	10.0		107	77-141		2.41	30	
Chlorobenzene	10.6		"	10.0		106	88-120		1.49	30	
Chloroethane	8.17		"	10.0		81.7	65-136		8.10	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 BE50496 - EPA 5030B

LCS Dup (BE50496-BSD1)

Prepared & Analyzed: 05/11/2015

Chloroform	10.7		ug/L	10.0		107	82-128		0.0938	30	
Chloromethane	10.7		"	10.0		107	43-155		0.562	30	
cis-1,2-Dichloroethylene	11.1		"	10.0		111	83-129		2.27	30	
cis-1,3-Dichloropropylene	11.4		"	10.0		114	80-131		2.39	30	
Dibromochloromethane	11.1		"	10.0		111	80-130		4.89	30	
Dibromomethane	10.6		"	10.0		106	72-134		3.37	30	
Dichlorodifluoromethane	10.7		"	10.0		107	44-144		3.03	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		2.52	30	
Hexachlorobutadiene	11.1		"	10.0		111	67-146		5.50	30	
Isopropylbenzene	10.4		"	10.0		104	76-140		5.63	30	
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	76-135		6.86	30	
Methylene chloride	9.80		"	10.0		98.0	55-137		3.11	30	
Naphthalene	10.1		"	10.0		101	70-147		2.51	30	
n-Butylbenzene	10.9		"	10.0		109	79-132		5.36	30	
n-Propylbenzene	10.5		"	10.0		105	78-133		5.39	30	
o-Xylene	10.4		"	10.0		104	78-130		0.192	30	
p- & m- Xylenes	21.1		"	20.0		106	77-133		0.754	30	
p-Isopropyltoluene	10.7		"	10.0		107	81-136		5.65	30	
sec-Butylbenzene	10.6		"	10.0		106	79-137		5.75	30	
Styrene	10.9		"	10.0		109	67-132		1.64	30	
tert-Butylbenzene	10.4		"	10.0		104	77-138		5.22	30	
Tetrachloroethylene	10.4		"	10.0		104	82-131		4.79	30	
Toluene	9.97		"	10.0		99.7	80-127		0.998	30	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132		1.58	30	
trans-1,3-Dichloropropylene	11.3		"	10.0		113	78-131		2.42	30	
Trichloroethylene	10.4		"	10.0		104	82-128		1.71	30	
Trichlorofluoromethane	9.53		"	10.0		95.3	67-139		5.41	30	
Vinyl Chloride	10.8		"	10.0		108	58-145		1.56	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.69</i>		<i>"</i>	<i>10.0</i>		<i>96.9</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.96</i>		<i>"</i>	<i>10.0</i>		<i>99.6</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.68</i>		<i>"</i>	<i>10.0</i>		<i>96.8</i>	<i>79-122</i>				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15E0138-01	WQ050115:1030FRW1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15E0138-02	WQ050115:1030FRW2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15E0138-03	WQ050115:1040FRW3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15E0138-04	WQ050115:1040FRW4	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.
<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, INC.
 120 RESEARCH DR. STRATFORD, CT 06615
 (203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

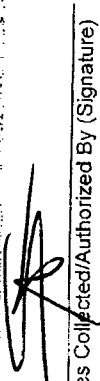
Page 1 of 1

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

York Project No. 15E038

YOUR Information Company: <u>LBB</u> Address: <u>4 Research Dr, Suite 301</u> <u>Sharon, CT 06484</u> Phone No. <u>203-929-8555</u> Contact Person: <u>Tunde Sander</u> E-Mail Address: <u>T.Sander@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 <u>Howe Industries.</u> Purchase Order No. <u>HABSA6</u> Samples from: CT <u>NY</u> X NJ		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard(5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report X <u>pdf</u> Summary w/ QA Summary <u>pdf</u> CT RCP Package CTRCP DQA/DUE Pkg NY ASP A Package NY ASP B Package X <u>pdf</u> NIDEP Red. Deliv. Electronic Data Deliverables (EDD)	
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Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

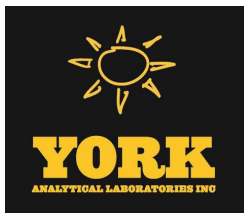
Samples Collected/Authorized By (Signature)

 Name (printed)
STEPHEN TAMM

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ050110: 1030 FRW1	5/15/10 1030	GW	VOC 8260 full list (EPA SW846-8260) plus scan 113	31
WQ050110: 1035 FRW2	5/15/10 1035			31
WQ050115: 1040 FRW3	5/15/10 1040			3V
WQ050115: 1045 FRW4	5/15/10 1045			3V
Comments Preservation <input checked="" type="checkbox"/> Check those Applicable Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>				
Samples Relinquished By <u>[Signature]</u> Date/Time <u>5/15/10 1145</u> Samples Received By <u>[Signature]</u> Date/Time <u>5/15/10 1145</u> Samples Relinquished In Lab <u>[Signature]</u> Date/Time _____ Temperature on Receipt <u>4.1</u> °C				

(RW & FRW)

APPENDIX III
MAY 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: 05/20/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15E0661

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 05/20/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15E0661

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 May 18, 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>
15E0661-01	AQ051315:1300NP4-1	Vapor Extraction	05/13/2015	05/18/2015
15E0661-02	AQ051315:1300NP4-2	Vapor Extraction	05/13/2015	05/18/2015
15E0661-03	AQ051315:1300NP4-3	Vapor Extraction	05/13/2015	05/18/2015

General Notes for York Project (SDG) No.: 15E0661

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: 05/20/2015





Sample Information

Client Sample ID: AQ051315:1300NP4-1

York Sample ID: 15E0661-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
15E0661	Rowe Industries	Vapor Extraction	May 13, 2015 1:00 pm	05/18/2015

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	0.63	1.3	1.833	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 19:10	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	1.0	1.0	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.3	1.3	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.4	1.4	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.0	1.0	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.74	0.74	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.73	0.73	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.4	1.4	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.90	0.90	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.4	1.4	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.1	1.1	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.74	0.74	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.85	0.85	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.3	1.3	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.90	0.90	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.79	0.79	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.1	1.1	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.85	0.85	1.833	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 19:10	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.1	1.1	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.66	0.66	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
78-93-3	2-Butanone	ND		ug/m ³	0.54	0.54	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
591-78-6	* 2-Hexanone	ND		ug/m ³	1.5	1.5	1.833	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 19:10	ALD
107-05-1	* 3-Chloropropene	ND		ug/m ³	0.57	0.57	1.833	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 19:10	ALD



Sample Information

Client Sample ID: AQ051315:1300NP4-1

York Sample ID: 15E0661-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0661

Rowe Industries

Vapor Extraction

May 13, 2015 1:00 pm

05/18/2015

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	0.75	0.75	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
67-64-1	Acetone	1.9		ug/m ³	0.44	0.44	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
107-13-1	* Acrylonitrile	ND		ug/m ³	0.40	0.40	1.833	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 19:10	ALD
71-43-2	Benzene	ND		ug/m ³	0.59	0.59	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
100-44-7	Benzyl chloride	ND		ug/m ³	0.95	0.95	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
75-27-4	Bromodichloromethane	ND		ug/m ³	1.1	1.1	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
75-25-2	Bromoform	ND		ug/m ³	1.9	1.9	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
74-83-9	Bromomethane	ND		ug/m ³	0.71	0.71	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
75-15-0	Carbon disulfide	ND		ug/m ³	0.57	0.57	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.29	0.29	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
108-90-7	Chlorobenzene	ND		ug/m ³	0.84	0.84	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
75-00-3	Chloroethane	ND		ug/m ³	0.48	0.48	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
67-66-3	Chloroform	ND		ug/m ³	0.89	0.89	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
74-87-3	Chloromethane	1.6		ug/m ³	0.38	0.38	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.73	0.73	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.83	0.83	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
110-82-7	Cyclohexane	ND		ug/m ³	0.63	0.63	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.5	1.5	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
75-71-8	Dichlorodifluoromethane	2.4		ug/m ³	0.91	0.91	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
141-78-6	* Ethyl acetate	ND		ug/m ³	1.3	1.3	1.833	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 19:10	ALD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.80	0.80	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	2.0	2.0	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
67-63-0	Isopropanol	ND		ug/m ³	0.90	0.90	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD



Sample Information

Client Sample ID: AQ051315:1300NP4-1

York Sample ID: 15E0661-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0661

Rowe Industries

Vapor Extraction

May 13, 2015 1:00 pm

05/18/2015

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	0.75	0.75	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.66	0.66	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
75-09-2	Methylene chloride	ND		ug/m ³	1.3	1.3	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
142-82-5	n-Heptane	ND		ug/m ³	0.75	0.75	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
110-54-3	n-Hexane	ND		ug/m ³	0.65	0.65	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
95-47-6	o-Xylene	ND		ug/m ³	0.80	0.80	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.6	1.6	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.90	0.90	1.833	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 19:10	ALD
115-07-1	* Propylene	ND		ug/m ³	0.32	0.32	1.833	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 19:10	ALD
100-42-5	Styrene	ND		ug/m ³	0.78	0.78	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.31	0.31	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.54	0.54	1.833	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 19:10	ALD
108-88-3	Toluene	ND		ug/m ³	0.69	0.69	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.73	0.73	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.83	0.83	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
79-01-6	Trichloroethylene	ND		ug/m ³	0.25	0.25	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	1.1		ug/m ³	1.0	1.0	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
108-05-4	Vinyl acetate	ND		ug/m ³	0.65	0.65	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
593-60-2	Vinyl bromide	ND		ug/m ³	0.80	0.80	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.12	0.12	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 19:10	ALD
	Surrogate Recoveries	Result			Acceptance Range						
460-00-4	Surrogate: p-Bromofluorobenzene	89.8 %			72-118						



Sample Information

Client Sample ID: AQ051315:1300NP4-2

York Sample ID: 15E0661-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0661

Rowe Industries

Vapor Extraction

May 13, 2015 1:05 pm

05/18/2015

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	0.71	1.4	2.057	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 20:06	ALD
71-55-6	1,1,1-Trichloroethane	2.1		ug/m ³	1.1	1.1	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.4	1.4	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.6	1.6	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.1	1.1	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.83	0.83	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.82	0.82	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.5	1.5	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	1.0	1.0	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.6	1.6	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.2	1.2	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.83	0.83	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.95	0.95	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.4	1.4	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	1.0	1.0	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.89	0.89	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.2	1.2	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.95	0.95	2.057	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 20:06	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.2	1.2	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.74	0.74	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
78-93-3	2-Butanone	0.67		ug/m ³	0.61	0.61	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
591-78-6	* 2-Hexanone	ND		ug/m ³	1.7	1.7	2.057	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 20:06	ALD
107-05-1	* 3-Chloropropene	ND		ug/m ³	0.64	0.64	2.057	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 20:06	ALD



Sample Information

Client Sample ID: AQ051315:1300NP4-2

York Sample ID: 15E0661-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0661

Rowe Industries

Vapor Extraction

May 13, 2015 1:05 pm

05/18/2015

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	0.84	0.84	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
67-64-1	Acetone	5.7		ug/m ³	0.49	0.49	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
107-13-1	* Acrylonitrile	ND		ug/m ³	0.45	0.45	2.057	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 20:06	ALD
71-43-2	Benzene	ND		ug/m ³	0.66	0.66	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
100-44-7	Benzyl chloride	ND		ug/m ³	1.1	1.1	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
75-27-4	Bromodichloromethane	ND		ug/m ³	1.3	1.3	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
75-25-2	Bromoform	ND		ug/m ³	2.1	2.1	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
74-83-9	Bromomethane	ND		ug/m ³	0.80	0.80	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
75-15-0	Carbon disulfide	ND		ug/m ³	0.64	0.64	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.32	0.32	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
108-90-7	Chlorobenzene	ND		ug/m ³	0.95	0.95	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
75-00-3	Chloroethane	ND		ug/m ³	0.54	0.54	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
67-66-3	Chloroform	ND		ug/m ³	1.0	1.0	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
74-87-3	Chloromethane	1.5		ug/m ³	0.42	0.42	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
156-59-2	cis-1,2-Dichloroethylene	5.1		ug/m ³	0.82	0.82	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.93	0.93	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
110-82-7	Cyclohexane	ND		ug/m ³	0.71	0.71	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.7	1.7	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
75-71-8	Dichlorodifluoromethane	2.4		ug/m ³	1.0	1.0	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
141-78-6	* Ethyl acetate	ND		ug/m ³	1.5	1.5	2.057	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 20:06	ALD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.89	0.89	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	2.2	2.2	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
67-63-0	Isopropanol	2.1		ug/m ³	1.0	1.0	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD



Sample Information

Client Sample ID: AQ051315:1300NP4-2

York Sample ID: 15E0661-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0661

Rowe Industries

Vapor Extraction

May 13, 2015 1:05 pm

05/18/2015

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	0.84	0.84	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.74	0.74	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
75-09-2	Methylene chloride	3.4		ug/m ³	1.4	1.4	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
142-82-5	n-Heptane	ND		ug/m ³	0.84	0.84	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
110-54-3	n-Hexane	3.2		ug/m ³	0.73	0.73	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
95-47-6	o-Xylene	ND		ug/m ³	0.89	0.89	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.8	1.8	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m ³	1.0	1.0	2.057	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 20:06	ALD
115-07-1	* Propylene	ND		ug/m ³	0.35	0.35	2.057	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 20:06	ALD
100-42-5	Styrene	ND		ug/m ³	0.88	0.88	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
127-18-4	Tetrachloroethylene	3.3		ug/m ³	0.35	0.35	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
109-99-9	* Tetrahydrofuran	0.91		ug/m ³	0.61	0.61	2.057	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 20:06	ALD
108-88-3	Toluene	ND		ug/m ³	0.78	0.78	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.82	0.82	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.93	0.93	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
79-01-6	Trichloroethylene	ND		ug/m ³	0.28	0.28	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	1.2	1.2	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
108-05-4	Vinyl acetate	ND		ug/m ³	0.72	0.72	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
593-60-2	Vinyl bromide	ND		ug/m ³	0.90	0.90	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.13	0.13	2.057	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 20:06	ALD
	Surrogate Recoveries	Result						Acceptance Range			
460-00-4	Surrogate: p-Bromofluorobenzene	89.4 %						72-118			



Sample Information

Client Sample ID: AQ051315:1300NP4-3

York Sample ID: 15E0661-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0661

Rowe Industries

Vapor Extraction

May 13, 2015 1:10 pm

05/18/2015

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	0.74	1.5	2.145	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 21:02	ALD
71-55-6	1,1,1-Trichloroethane	6.7		ug/m ³	1.2	1.2	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.5	1.5	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.6	1.6	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	1.2	1.2	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.87	0.87	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.85	0.85	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.6	1.6	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	1.1	1.1	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.6	1.6	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.3	1.3	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.87	0.87	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.99	0.99	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.5	1.5	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	1.1	1.1	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.93	0.93	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.3	1.3	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.99	0.99	2.145	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 21:02	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.3	1.3	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.77	0.77	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
78-93-3	2-Butanone	ND		ug/m ³	0.63	0.63	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
591-78-6	* 2-Hexanone	ND		ug/m ³	1.8	1.8	2.145	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 21:02	ALD
107-05-1	* 3-Chloropropene	ND		ug/m ³	0.67	0.67	2.145	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 21:02	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.88	0.88	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD



Sample Information

Client Sample ID: AQ051315:1300NP4-3

York Sample ID: 15E0661-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0661

Rowe Industries

Vapor Extraction

May 13, 2015 1:10 pm

05/18/2015

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
67-64-1	Acetone	1.3		ug/m ³	0.51	0.51	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
107-13-1	* Acrylonitrile	ND		ug/m ³	0.47	0.47	2.145	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 21:02	ALD
71-43-2	Benzene	ND		ug/m ³	0.69	0.69	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
100-44-7	Benzyl chloride	ND		ug/m ³	1.1	1.1	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
75-27-4	Bromodichloromethane	ND		ug/m ³	1.3	1.3	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
75-25-2	Bromoform	ND		ug/m ³	2.2	2.2	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
74-83-9	Bromomethane	ND		ug/m ³	0.83	0.83	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
75-15-0	Carbon disulfide	ND		ug/m ³	0.67	0.67	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
56-23-5	Carbon tetrachloride	1.1		ug/m ³	0.34	0.34	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
108-90-7	Chlorobenzene	ND		ug/m ³	0.99	0.99	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
75-00-3	Chloroethane	ND		ug/m ³	0.57	0.57	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
67-66-3	Chloroform	1.4		ug/m ³	1.0	1.0	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
74-87-3	Chloromethane	1.8		ug/m ³	0.44	0.44	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
156-59-2	cis-1,2-Dichloroethylene	4.9		ug/m ³	0.85	0.85	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.97	0.97	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
110-82-7	Cyclohexane	ND		ug/m ³	0.74	0.74	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.7	1.7	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
75-71-8	Dichlorodifluoromethane	2.7		ug/m ³	1.1	1.1	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
141-78-6	* Ethyl acetate	ND		ug/m ³	1.5	1.5	2.145	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 21:02	ALD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.93	0.93	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	2.3	2.3	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
67-63-0	Isopropanol	2.1		ug/m ³	1.1	1.1	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.88	0.88	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD



Sample Information

Client Sample ID: AQ051315:1300NP4-3

York Sample ID: 15E0661-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15E0661

Rowe Industries

Vapor Extraction

May 13, 2015 1:10 pm

05/18/2015

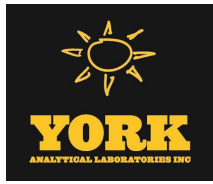
Volatile Organics, EPA TO15 Full List

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
1634-04-4	Methyl tert-butyl ether (MTBE)	1.5		ug/m ³	0.77	0.77	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
75-09-2	Methylene chloride	ND		ug/m ³	1.5	1.5	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
142-82-5	n-Heptane	ND		ug/m ³	0.88	0.88	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
110-54-3	n-Hexane	0.91		ug/m ³	0.76	0.76	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
95-47-6	o-Xylene	ND		ug/m ³	0.93	0.93	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.9	1.9	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m ³	1.1	1.1	2.145	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 21:02	ALD
115-07-1	* Propylene	ND		ug/m ³	0.37	0.37	2.145	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 21:02	ALD
100-42-5	Styrene	ND		ug/m ³	0.91	0.91	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.36	0.36	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.63	0.63	2.145	EPA TO-15 Certifications:	05/19/2015 09:08	05/19/2015 21:02	ALD
108-88-3	Toluene	ND		ug/m ³	0.81	0.81	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.85	0.85	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.97	0.97	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
79-01-6	Trichloroethylene	ND		ug/m ³	0.29	0.29	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	1.2	1.2	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
108-05-4	Vinyl acetate	ND		ug/m ³	0.76	0.76	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
593-60-2	Vinyl bromide	ND		ug/m ³	0.94	0.94	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.14	0.14	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/19/2015 09:08	05/19/2015 21:02	ALD
	Surrogate Recoveries	Result			Acceptance Range						
460-00-4	Surrogate: p-Bromofluorobenzene	89.4 %			72-118						



Analytical Batch Summary

Batch ID: BE50945

Preparation Method: EPA TO15 PREP

Prepared By: ALD

YORK Sample ID	Client Sample ID	Preparation Date
15E0661-01	AQ051315:1300NP4-1	05/19/15
15E0661-02	AQ051315:1300NP4-2	05/19/15
15E0661-03	AQ051315:1300NP4-3	05/19/15
BE50945-BLK1	Blank	05/19/15
BE50945-BS1	LCS	05/19/15



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 BE50945 - EPA TO15 PREP

Blank (BE50945-BLK1)

Prepared & Analyzed: 05/19/2015

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	0.43	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.36	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	0.31	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.24	"								
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 Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE50945 - EPA TO15 PREP

Blank (BE50945-BLK1)

Prepared & Analyzed: 05/19/2015

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	0.29	"								
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	0.064	"								

Surrogate: p-Bromofluorobenzene	9.30		ppbv	10.4		89.4	72-118				
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LCS (BE50945-BS1)

Prepared & Analyzed: 05/19/2015

1,1,1,2-Tetrachloroethane	9.23		ppbv	10.5		87.9	82-126				
1,1,1-Trichloroethane	8.91		"	10.2		87.4	70-130				
1,1,2,2-Tetrachloroethane	8.55		"	10.3		83.0	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.91		"	10.4		85.7	70-130				
1,1,2-Trichloroethane	9.76		"	10.3		94.8	70-130				
1,1-Dichloroethane	8.91		"	10.2		87.4	70-130				
1,1-Dichloroethylene	8.89		"	10.4		85.5	70-130				
1,2,4-Trichlorobenzene	8.84		"	9.00		98.2	70-130				
1,2,4-Trimethylbenzene	9.16		"	10.2		89.8	70-130				
1,2-Dibromoethane	9.77		"	10.4		93.9	70-130				
1,2-Dichlorobenzene	9.93		"	10.1		98.3	70-130				
1,2-Dichloroethane	8.86		"	10.2		86.9	70-130				
1,2-Dichloropropane	9.32		"	10.2		91.4	70-130				
1,2-Dichlorotetrafluoroethane	10.1		"	9.80		103	70-130				
1,3,5-Trimethylbenzene	8.57		"	10.0		85.7	70-130				
1,3-Butadiene	11.8		"	10.1		116	70-130				
1,3-Dichlorobenzene	10.0		"	10.2		98.2	70-130				
1,3-Dichloropropane	9.21		"	10.5		87.7	70-130				
1,4-Dichlorobenzene	9.96		"	10.1		98.6	70-130				
1,4-Dioxane	9.34		"	10.2		91.6	70-130				
2-Butanone	9.91		"	10.4		95.3	70-130				
2-Hexanone	11.9		"	10.5		113	70-130				
3-Chloropropene	9.94		"	10.7		92.9	70-130				
4-Methyl-2-pentanone	11.1		"	10.2		109	70-130				
Acetone	9.34		"	10.6		88.1	70-130				
Acrylonitrile	7.23		"	10.3		70.2	70-130				
Benzene	8.46		"	10.3		82.1	70-130				
Benzyl chloride	6.96		"	10.2		68.2	70-130	Low Bias			
Bromodichloromethane	9.40		"	10.2		92.2	70-130				
Bromoform	9.55		"	10.1		94.6	70-130				
Bromomethane	7.89		"	9.50		83.1	70-130				
Carbon disulfide	9.21		"	10.5		87.7	70-130				
Carbon tetrachloride	9.37		"	10.2		91.9	70-130				
Chlorobenzene	8.61		"	10.5		82.0	70-130				



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

York Analytical Laboratories, Inc.

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

Batch BE50945 - EPA TO15 PREP

LCS (BE50945-BS1)

Prepared & Analyzed: 05/19/2015

Chloroethane	7.78		ppbv	9.40		82.8	70-130				
Chloroform	8.38		"	10.4		80.6	70-130				
Chloromethane	10.4		"	9.80		107	70-130				
cis-1,2-Dichloroethylene	8.97		"	10.2		87.9	70-130				
cis-1,3-Dichloropropylene	9.50		"	11.0		86.4	70-130				
Cyclohexane	8.89		"	10.3		86.3	70-130				
Dibromochloromethane	10.8		"	10.6		102	70-130				
Dichlorodifluoromethane	9.41		"	9.80		96.0	70-130				
Ethyl acetate	10.1		"	10.4		97.3	70-130				
Ethyl Benzene	8.42		"	10.4		81.0	70-130				
Hexachlorobutadiene	9.84		"	9.10		108	70-130				
Isopropanol	8.38		"	10.0		83.8	70-130				
Methyl Methacrylate	9.41		"	9.80		96.0	70-130				
Methyl tert-butyl ether (MTBE)	8.38		"	10.3		81.4	70-130				
Methylene chloride	9.67		"	10.4		93.0	70-130				
n-Heptane	10.2		"	10.5		96.7	70-130				
n-Hexane	9.19		"	10.5		87.5	70-130				
o-Xylene	8.90		"	10.3		86.4	70-130				
p- & m- Xylenes	17.8		"	20.2		88.3	70-130				
p-Ethyltoluene	8.84		"	10.0		88.4	70-130				
Propylene	10.5		"	10.6		99.1	70-130				
Styrene	8.82		"	10.2		86.5	70-130				
Tetrachloroethylene	9.91		"	9.90		100	70-130				
Tetrahydrofuran	10.3		"	10.6		96.9	70-130				
Toluene	9.51		"	10.5		90.6	70-130				
trans-1,2-Dichloroethylene	8.72		"	10.1		86.3	70-130				
trans-1,3-Dichloropropylene	9.01		"	10.3		87.5	70-130				
Trichloroethylene	9.25		"	10.2		90.7	70-130				
Trichlorofluoromethane (Freon 11)	8.87		"	9.90		89.6	70-130				
Vinyl acetate	10.3		"	10.7		95.9	70-130				
Vinyl bromide	8.71		"	10.5		83.0	70-130				
Vinyl Chloride	12.1		"	9.90		122	70-130				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.10</i>		<i>"</i>	<i>10.4</i>		<i>87.5</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.

YORK

ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record - AIR

Page 1 of 1

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

York Project No. 1520661

YOUR Information		Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: <u>LBG</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	<u>Rowe Industries</u>	RUSH - Same Day <input type="checkbox"/>	Summary Report <u>X, pdf</u>
Address: <u>4 Research Dr, Suite 301</u>	Address: <u>↓</u>	Address: <u>↓</u>	Address: <u>↓</u>	<u>Purchase Order No.</u>	RUSH - Next Day <input type="checkbox"/>	Summary w/ QA Summary <u>X, pdf</u>
Phone No. <u>203-929-8555</u>	Phone No. <u>↓</u>	Phone No. <u>↓</u>	Phone No. <u>↓</u>	<u>NABSAG</u>	RUSH - Two Day <input type="checkbox"/>	CT RCP Package
Contact Person: <u>Tunde Sandor</u>	Attention: <u>↓</u>	Attention: <u>↓</u>	Attention: <u>↓</u>	<u>Samples from: CT NY X NJ</u>	RUSH - Three Day <input type="checkbox"/>	NY ASP A Package
E-Mail Address: <u>TSandor@LBGCT.com</u>	E-Mail Address: <u>↓</u>	E-Mail Address: <u>↓</u>	E-Mail Address: <u>↓</u>		RUSH - Four Day <input type="checkbox"/>	NY ASP B/CLP Pkg <u>X, pdf</u>
					Standard (5-7 Days) <input checked="" type="checkbox"/>	NJDEP Reduced

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.

- TO15 Volatiles and Other Gas Analyses**
- EPA TO-15 List
 - EPA TO-14A List
 - NYSDEC VI list
 - Tentatively Identified Compounds
 - NYSDEC STARS List
 - Air VPH
 - Project Specific List by TO-15
 - Helium
 - NJDEP Target List
 - Methane
 - CTDEP RCP Target List
 - OTHER

Detection Limits Required

≤ 1 ug/m³

NYSDEC VI Limits

(NY - no restrictions)

NJDEP low level

Routine Survey

Other

Electronic Deliverables:
 EDD (Specify Type) X
 Standard Excel X
 Regulatory Comparison Excel

Special Instructions

Samples Collected/Authorized By (Signature)

STEPHEN HNAI
 Name (printed)

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

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
<u>AQ051315:1300NP4-1</u>	<u>5/13/15 1300</u>	<u>AE</u>			<u>EPA TO-15 List</u>	6 Liter Summa canister <input checked="" type="checkbox"/> Tedlar Bag <input checked="" type="checkbox"/>
<u>AQ051315:1305NP4-2</u>	<u>↓ 1305</u>	<u>AE</u>			<u>↓</u>	6 Liter Summa canister <input checked="" type="checkbox"/> Tedlar Bag <input checked="" type="checkbox"/>
<u>AQ051315:1310NP4-3</u>	<u>↓ 1310</u>	<u>AE</u>			<u>↓</u>	6 Liter Summa canister <input checked="" type="checkbox"/> Tedlar Bag <input checked="" type="checkbox"/>
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag

Comments

Samples Relinquished By [Signature] Date/Time 5/18/15 14:30

Samples Relinquished By _____ Date/Time _____

Samples Received By [Signature] Date/Time 5/28/15 14:30

Samples Received In LAB by Pfizer 5-18-15 1550 Date/Time _____