

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-Jul-15	6.6	157	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	1.1 J	ND<0.5	3.03	0.120
15-Jul-15	6.5	138	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	4.00	0.050
30-Jul-15	6.5	151	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	1.8 J,B	ND<0.5	2.00	0.084

SPDES: State Pollutant Discharge Elimination System

mg/l: Milligrams per liter

ug/l: Micrograms per liter

----: Not established

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

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

ND: Not detected

NM: Not Measured

TDS: Total dissolved solids

PCE: Tetrachloroethylene

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

TCE: Trichloroethene

1,1-DCA: 1,1-Dichloroethane

1,1-DCE: 1,1-Dichloroethene

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

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

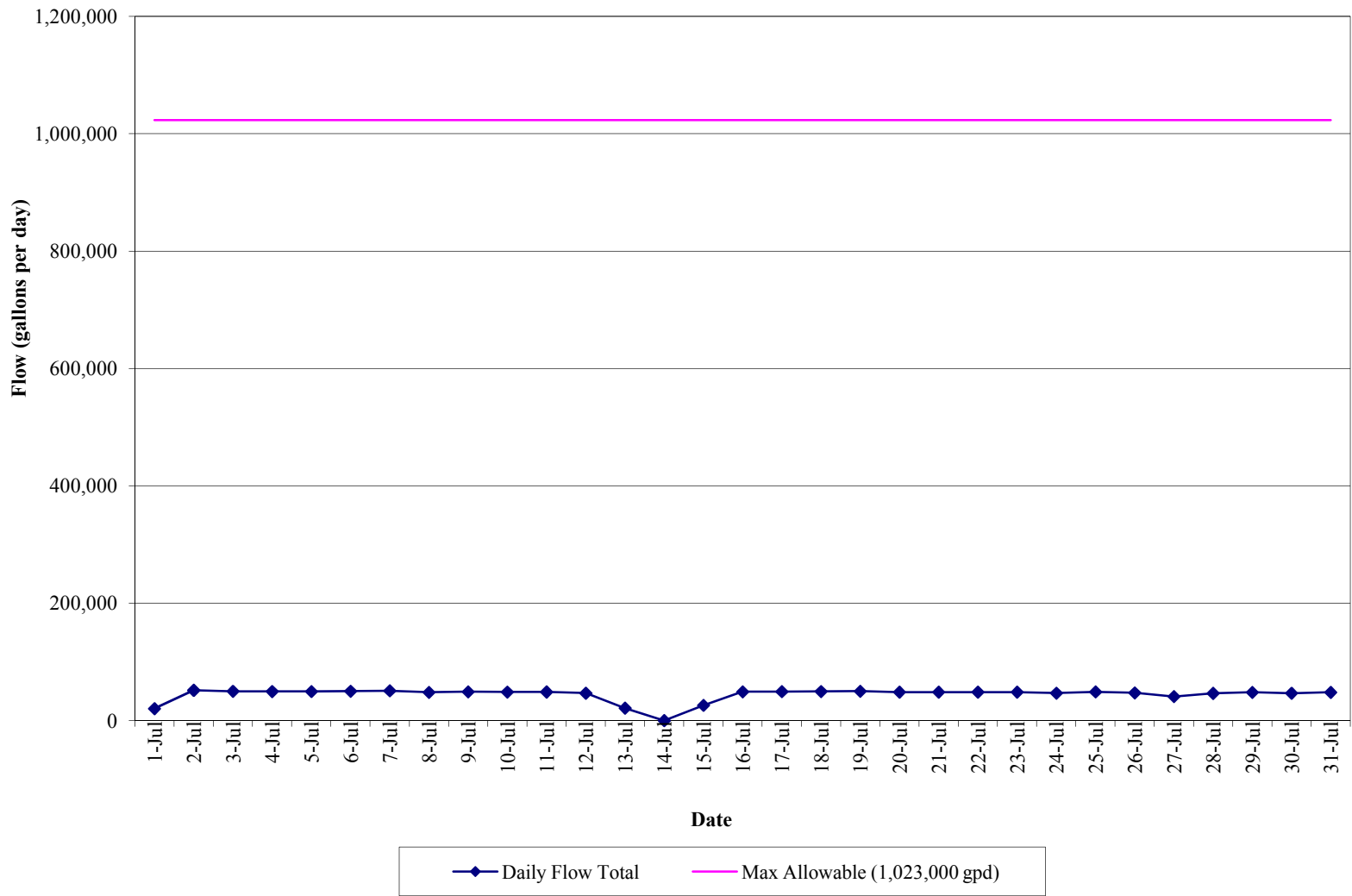
Notes:

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

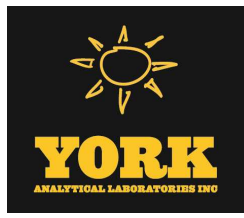
2. "Effluent" samples were collected from sample port labeled NP2-10 unless otherwise noted.

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

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



APPENDIX I
JULY 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: 07/13/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15G0140

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 07/13/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15G0140

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 July 02, 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>
15G0140-01	WQ070115:12:00 NP2-6	Water	07/01/2015	07/02/2015
15G0140-02	WQ070115:12:10 NP2-7	Water	07/01/2015	07/02/2015
15G0141-01	WQ070115:12:20 NP2-10	Water	07/01/2015	07/02/2015

General Notes for York Project (SDG) No.: 15G0140

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: 07/13/2015





Sample Information

Client Sample ID: WQ070115:12:00 NP2-6

York Sample ID: 15G0140-01

<u>York Project (SDG) No.</u> 15G0140	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 1, 2015 3:00 pm	<u>Date Received</u> 07/02/2015
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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	07/10/2015 15:41	07/10/2015 23:19	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	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	07/10/2015 15:41	07/10/2015 23:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS



Sample Information

Client Sample ID: WQ070115:12:00 NP2-6

York Sample ID: 15G0140-01

<u>York Project (SDG) No.</u> 15G0140	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 1, 2015 3:00 pm	<u>Date Received</u> 07/02/2015
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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
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
67-64-1	Acetone	2.2		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS



Sample Information

Client Sample ID: WQ070115:12:00 NP2-6

York Sample ID: 15G0140-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0140

Rowe Industries

Water

July 1, 2015 3:00 pm

07/02/2015

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	07/10/2015 15:41	07/10/2015 23:19	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/10/2015 15:41	07/10/2015 23:19	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/10/2015 15:41	07/10/2015 23:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
127-18-4	Tetrachloroethylene	1.7		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/10/2015 15:41	07/10/2015 23:19	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %			69-130						
2037-26-5	Surrogate: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	100 %			79-122						

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	2.62		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 17:45	07/09/2015 01:43	AMC



Sample Information

Client Sample ID: WQ070115:12:00 NP2-6

York Sample ID: 15G0140-01

<u>York Project (SDG) No.</u> 15G0140	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 1, 2015 3:00 pm	<u>Date Received</u> 07/02/2015
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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	ND		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2015 16:17	07/08/2015 06:14	AMC

Sample Information

Client Sample ID: WQ070115:12:10 NP2-7

York Sample ID: 15G0140-02

<u>York Project (SDG) No.</u> 15G0140	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 1, 2015 3:00 pm	<u>Date Received</u> 07/02/2015
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Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	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	07/10/2015 15:46	07/11/2015 03:20	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS



Sample Information

Client Sample ID: WQ070115:12:10 NP2-7

York Sample ID: 15G0140-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0140

Rowe Industries

Water

July 1, 2015 3:00 pm

07/02/2015

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	07/10/2015 15:46	07/11/2015 03:20	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS



Sample Information

Client Sample ID: WQ070115:12:10 NP2-7

York Sample ID: 15G0140-02

<u>York Project (SDG) No.</u> 15G0140	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 1, 2015 3:00 pm	<u>Date Received</u> 07/02/2015
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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
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/10/2015 15:46	07/11/2015 03:20	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/10/2015 15:46	07/11/2015 03:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 03:20	SS



Sample Information

Client Sample ID: WQ070115:12:10 NP2-7

York Sample ID: 15G0140-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0140

Rowe Industries

Water

July 1, 2015 3:00 pm

07/02/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for Xylenes, Total and Surrogate Recoveries for 1,2-Dichloroethane-d4, Toluene-d8, and p-Bromofluorobenzene.

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes row for Iron.

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes row for Iron.

Sample Information

Client Sample ID: WQ070115:12:20 NP2-10

York Sample ID: 15G0141-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0141

Rowe Industries

Water

July 1, 2015 3:00 pm

07/02/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), and 1,1,2-Trichloroethane.



Sample Information

Client Sample ID: WQ070115:12:20 NP2-10

York Sample ID: 15G0141-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0141

Rowe Industries

Water

July 1, 2015 3:00 pm

07/02/2015

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	07/10/2015 15:46	07/11/2015 00:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
67-64-1	Acetone	2.7	SCAL-E, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS



Sample Information

Client Sample ID: WQ070115:12:20 NP2-10

York Sample ID: 15G0141-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0141

Rowe Industries

Water

July 1, 2015 3:00 pm

07/02/2015

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	07/10/2015 15:46	07/11/2015 00:35	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
91-20-3	Naphthalene	1.1	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/10/2015 15:46	07/11/2015 00:35	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/10/2015 15:46	07/11/2015 00:35	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS



Sample Information

Client Sample ID: WQ070115:12:20 NP2-10

York Sample ID: 15G0141-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0141

Rowe Industries

Water

July 1, 2015 3:00 pm

07/02/2015

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	07/10/2015 15:46	07/11/2015 00:35	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/10/2015 15:46	07/11/2015 00:35	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.7 %			69-130						
2037-26-5	Surrogate: Toluene-d8	97.8 %			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 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	3.03		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 17:45	07/09/2015 02:17	AMC

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

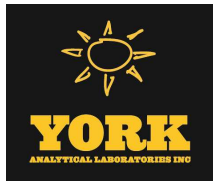
Sample Prepared by Method: EPA 3010A

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	0.120		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2015 16:17	07/08/2015 06:37	AMC

Total Dissolved Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WQ070115:12:20 NP2-10

York Sample ID: 15G0141-01

York Project (SDG) No.
15G0141

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
July 1, 2015 3:00 pm

Date Received
07/02/2015

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	157		mg/L	10.0	10.0	1	SM 2540C	07/06/2015 12:58	07/06/2015 12:58	AA
Certifications:									NELAC-NY10854,CTDOH,NJDEP		



Analytical Batch Summary

Batch ID: BG50215 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
15G0141-01	WQ070115:12:20 NP2-10	07/06/15
BG50215-BLK1	Blank	07/06/15
BG50215-DUP2	Duplicate	07/06/15

Batch ID: BG50322 **Preparation Method:** EPA 3010A **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
15G0140-01	WQ070115:12:00 NP2-6	07/07/15
15G0140-02	WQ070115:12:10 NP2-7	07/07/15
15G0141-01	WQ070115:12:20 NP2-10	07/07/15
BG50322-BLK1	Blank	07/07/15
BG50322-DUP1	Duplicate	07/07/15
BG50322-MS1	Matrix Spike	07/07/15
BG50322-SRM1	Reference	07/07/15

Batch ID: BG50411 **Preparation Method:** EPA 200.7 **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
15G0140-01	WQ070115:12:00 NP2-6	07/08/15
15G0140-02	WQ070115:12:10 NP2-7	07/08/15
15G0141-01	WQ070115:12:20 NP2-10	07/08/15
BG50411-BLK1	Blank	07/08/15
BG50411-DUP1	Duplicate	07/08/15
BG50411-MS1	Matrix Spike	07/08/15
BG50411-SRM1	Reference	07/08/15

Batch ID: BG50514 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15G0140-01	WQ070115:12:00 NP2-6	07/10/15
BG50514-BLK1	Blank	07/10/15
BG50514-BS1	LCS	07/10/15
BG50514-BSD1	LCS Dup	07/10/15

Batch ID: BG50515 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15G0140-02	WQ070115:12:10 NP2-7	07/10/15
15G0141-01	WQ070115:12:20 NP2-10	07/10/15
BG50515-BLK1	Blank	07/10/15
BG50515-BS1	LCS	07/10/15
BG50515-BSD1	LCS Dup	07/10/15



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 BG50514 - EPA 5030B

Blank (BG50514-BLK1)

Prepared & Analyzed: 07/10/2015

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	0.37	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.23	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.6	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	0.40	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 BG50514 - EPA 5030B

Blank (BG50514-BLK1)

Prepared & Analyzed: 07/10/2015

p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</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>9.84</i>		<i>"</i>	<i>10.0</i>		<i>98.4</i>		<i>79-122</i>			

LCS (BG50514-BS1)

Prepared & Analyzed: 07/10/2015

1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104		82-126			
1,1,1-Trichloroethane	10.5		"	10.0		105		78-136			
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102		76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105		54-165			
1,1,2-Trichloroethane	10.7		"	10.0		107		82-123			
1,1-Dichloroethane	10.6		"	10.0		106		82-129			
1,1-Dichloroethylene	10.7		"	10.0		107		68-138			
1,1-Dichloropropylene	10.5		"	10.0		105		83-133			
1,2,3-Trichlorobenzene	10.3		"	10.0		103		76-136			
1,2,3-Trichloropropane	10.1		"	10.0		101		77-128			
1,2,4-Trichlorobenzene	9.90		"	10.0		99.0		76-137			
1,2,4-Trimethylbenzene	11.1		"	10.0		111		82-132			
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100		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	10.4		"	10.0		104		73-132			
1,2-Dichloropropane	10.2		"	10.0		102		78-126			
1,3,5-Trimethylbenzene	11.3		"	10.0		113		80-131			
1,3-Dichlorobenzene	10.8		"	10.0		108		86-122			
1,3-Dichloropropane	10.8		"	10.0		108		81-125			
1,4-Dichlorobenzene	10.8		"	10.0		108		85-124			
2,2-Dichloropropane	10.5		"	10.0		105		56-150			
2-Chlorotoluene	11.1		"	10.0		111		79-130			
2-Hexanone	10.1		"	10.0		101		51-146			
4-Chlorotoluene	11.2		"	10.0		112		79-128			
Acetone	9.67		"	10.0		96.7		14-150			
Benzene	10.6		"	10.0		106		85-126			
Bromobenzene	10.4		"	10.0		104		78-129			
Bromochloromethane	10.6		"	10.0		106		77-128			
Bromodichloromethane	10.3		"	10.0		103		79-128			
Bromoform	9.56		"	10.0		95.6		78-133			
Bromomethane	14.9		"	10.0		149		43-168			
Carbon tetrachloride	10.6		"	10.0		106		77-141			
Chlorobenzene	10.8		"	10.0		108		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 BG50514 - EPA 5030B

LCS (BG50514-BS1)

Prepared & Analyzed: 07/10/2015

Chloroethane	10.1		ug/L	10.0		101	65-136						
Chloroform	10.4		"	10.0		104	82-128						
Chloromethane	10.3		"	10.0		103	43-155						
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129						
cis-1,3-Dichloropropylene	10.7		"	10.0		107	80-131						
Dibromochloromethane	10.6		"	10.0		106	80-130						
Dibromomethane	10.2		"	10.0		102	72-134						
Dichlorodifluoromethane	10.8		"	10.0		108	44-144						
Ethyl Benzene	11.0		"	10.0		110	80-131						
Hexachlorobutadiene	9.94		"	10.0		99.4	67-146						
Isopropylbenzene	11.4		"	10.0		114	76-140						
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	76-135						
Methylene chloride	10.0		"	10.0		100	55-137						
Naphthalene	9.69		"	10.0		96.9	70-147						
n-Butylbenzene	11.0		"	10.0		110	79-132						
n-Propylbenzene	11.2		"	10.0		112	78-133						
o-Xylene	11.0		"	10.0		110	78-130						
p- & m- Xylenes	22.5		"	20.0		113	77-133						
p-Isopropyltoluene	11.2		"	10.0		112	81-136						
sec-Butylbenzene	11.2		"	10.0		112	79-137						
Styrene	10.9		"	10.0		109	67-132						
tert-Butylbenzene	11.0		"	10.0		110	77-138						
Tetrachloroethylene	11.2		"	10.0		112	82-131						
Toluene	11.3		"	10.0		113	80-127						
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132						
trans-1,3-Dichloropropylene	11.2		"	10.0		112	78-131						
Trichloroethylene	10.2		"	10.0		102	82-128						
Trichlorofluoromethane	10.5		"	10.0		105	67-139						
Vinyl Chloride	10.7		"	10.0		107	58-145						
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.79</i>		<i>"</i>	<i>10.0</i>		<i>97.9</i>	<i>69-130</i>						
<i>Surrogate: Toluene-d8</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>81-117</i>						
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>79-122</i>						



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Flag	RPD		
		Limit						Units	Level	Result
Batch BG50514 - EPA 5030B										
LCS Dup (BG50514-BSD1)										
Prepared & Analyzed: 07/10/2015										
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0	106	82-126		2.00	30	
1,1,1-Trichloroethane	10.7		"	10.0	107	78-136		1.79	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0	106	76-129		3.57	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0	111	54-165		5.55	30	
1,1,2-Trichloroethane	10.7		"	10.0	107	82-123		0.0932	30	
1,1-Dichloroethane	10.8		"	10.0	108	82-129		1.86	30	
1,1-Dichloroethylene	11.0		"	10.0	110	68-138		2.77	30	
1,1-Dichloropropylene	10.9		"	10.0	109	83-133		3.64	30	
1,2,3-Trichlorobenzene	10.4		"	10.0	104	76-136		0.966	30	
1,2,3-Trichloropropane	9.95		"	10.0	99.5	77-128		1.89	30	
1,2,4-Trichlorobenzene	10.2		"	10.0	102	76-137		2.69	30	
1,2,4-Trimethylbenzene	11.1		"	10.0	111	82-132		0.270	30	
1,2-Dibromo-3-chloropropane	9.87		"	10.0	98.7	45-147		1.71	30	
1,2-Dibromoethane	11.0		"	10.0	110	83-124		4.63	30	
1,2-Dichlorobenzene	10.4		"	10.0	104	79-123		1.34	30	
1,2-Dichloroethane	10.5		"	10.0	105	73-132		1.34	30	
1,2-Dichloropropane	11.3		"	10.0	113	78-126		9.68	30	
1,3,5-Trimethylbenzene	10.6		"	10.0	106	80-131		6.04	30	
1,3-Dichlorobenzene	10.8		"	10.0	108	86-122		0.186	30	
1,3-Dichloropropane	11.1		"	10.0	111	81-125		2.46	30	
1,4-Dichlorobenzene	10.8		"	10.0	108	85-124		0.0925	30	
2,2-Dichloropropane	10.7		"	10.0	107	56-150		1.79	30	
2-Chlorotoluene	11.0		"	10.0	110	79-130		0.271	30	
2-Hexanone	9.98		"	10.0	99.8	51-146		0.997	30	
4-Chlorotoluene	11.3		"	10.0	113	79-128		0.178	30	
Acetone	8.92		"	10.0	89.2	14-150		8.07	30	
Benzene	10.8		"	10.0	108	85-126		2.15	30	
Bromobenzene	10.5		"	10.0	105	78-129		1.06	30	
Bromochloromethane	10.9		"	10.0	109	77-128		2.87	30	
Bromodichloromethane	11.0		"	10.0	110	79-128		6.46	30	
Bromoform	10.3		"	10.0	103	78-133		7.74	30	
Bromomethane	14.3		"	10.0	143	43-168		3.83	30	
Carbon tetrachloride	11.0		"	10.0	110	77-141		3.42	30	
Chlorobenzene	10.8		"	10.0	108	88-120		0.464	30	
Chloroethane	10.4		"	10.0	104	65-136		2.25	30	
Chloroform	10.8		"	10.0	108	82-128		3.11	30	
Chloromethane	10.4		"	10.0	104	43-155		1.35	30	
cis-1,2-Dichloroethylene	10.7		"	10.0	107	83-129		1.79	30	
cis-1,3-Dichloropropylene	11.6		"	10.0	116	80-131		8.08	30	
Dibromochloromethane	10.8		"	10.0	108	80-130		2.34	30	
Dibromomethane	11.0		"	10.0	110	72-134		7.25	30	
Dichlorodifluoromethane	11.4		"	10.0	114	44-144		4.78	30	
Ethyl Benzene	11.2		"	10.0	112	80-131		1.71	30	
Hexachlorobutadiene	9.99		"	10.0	99.9	67-146		0.502	30	
Isopropylbenzene	11.3		"	10.0	113	76-140		0.707	30	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0	108	76-135		3.58	30	
Methylene chloride	10.3		"	10.0	103	55-137		3.14	30	
Naphthalene	10.0		"	10.0	100	70-147		3.65	30	
n-Butylbenzene	11.1		"	10.0	111	79-132		0.725	30	
n-Propylbenzene	11.3		"	10.0	113	78-133		0.532	30	
o-Xylene	11.4		"	10.0	114	78-130		4.28	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 BG50514 - EPA 5030B

LCS Dup (BG50514-BSD1)

Prepared & Analyzed: 07/10/2015

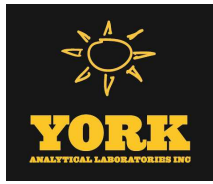
p- & m- Xylenes	23.4		ug/L	20.0		117	77-133		4.01	30	
p-Isopropyltoluene	11.3		"	10.0		113	81-136		0.624	30	
sec-Butylbenzene	11.3		"	10.0		113	79-137		0.712	30	
Styrene	11.5		"	10.0		115	67-132		5.27	30	
tert-Butylbenzene	11.0		"	10.0		110	77-138		0.545	30	
Tetrachloroethylene	11.3		"	10.0		113	82-131		0.976	30	
Toluene	11.5		"	10.0		115	80-127		1.58	30	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132		2.56	30	
trans-1,3-Dichloropropylene	11.6		"	10.0		116	78-131		3.69	30	
Trichloroethylene	11.3		"	10.0		113	82-128		10.3	30	
Trichlorofluoromethane	11.0		"	10.0		110	67-139		4.65	30	
Vinyl Chloride	11.0		"	10.0		110	58-145		2.76	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>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</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>				

Batch BG50515 - EPA 5030B

Blank (BG50515-BLK1)

Prepared & Analyzed: 07/10/2015

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	2.0	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG50515 - EPA 5030B

Blank (BG50515-BLK1)

Prepared & Analyzed: 07/10/2015

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	9.97		"	10.0		99.7		69-130			
Surrogate: Toluene-d8	9.78		"	10.0		97.8		81-117			
Surrogate: p-Bromofluorobenzene	10.4		"	10.0		104		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	
		Limit							Units	Level

Batch BG50515 - EPA 5030B

LCS (BG50515-BS1)

Prepared & Analyzed: 07/10/2015

1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0	102	82-126				
1,1,1-Trichloroethane	10.3		"	10.0	103	78-136				
1,1,2,2-Tetrachloroethane	9.99		"	10.0	99.9	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0	105	54-165				
1,1,2-Trichloroethane	9.64		"	10.0	96.4	82-123				
1,1-Dichloroethane	10.4		"	10.0	104	82-129				
1,1-Dichloroethylene	10.6		"	10.0	106	68-138				
1,1-Dichloropropylene	10.4		"	10.0	104	83-133				
1,2,3-Trichlorobenzene	9.64		"	10.0	96.4	76-136				
1,2,3-Trichloropropane	10.0		"	10.0	100	77-128				
1,2,4-Trichlorobenzene	9.73		"	10.0	97.3	76-137				
1,2,4-Trimethylbenzene	11.1		"	10.0	111	82-132				
1,2-Dibromo-3-chloropropane	9.14		"	10.0	91.4	45-147				
1,2-Dibromoethane	9.56		"	10.0	95.6	83-124				
1,2-Dichlorobenzene	10.4		"	10.0	104	79-123				
1,2-Dichloroethane	10.1		"	10.0	101	73-132				
1,2-Dichloropropane	10.4		"	10.0	104	78-126				
1,3,5-Trimethylbenzene	11.1		"	10.0	111	80-131				
1,3-Dichlorobenzene	10.4		"	10.0	104	86-122				
1,3-Dichloropropane	9.78		"	10.0	97.8	81-125				
1,4-Dichlorobenzene	10.4		"	10.0	104	85-124				
2,2-Dichloropropane	10.1		"	10.0	101	56-150				
2-Chlorotoluene	10.7		"	10.0	107	79-130				
2-Hexanone	9.57		"	10.0	95.7	51-146				
4-Chlorotoluene	10.9		"	10.0	109	79-128				
Acetone	8.76		"	10.0	87.6	14-150				
Benzene	10.4		"	10.0	104	85-126				
Bromobenzene	10.4		"	10.0	104	78-129				
Bromochloromethane	9.85		"	10.0	98.5	77-128				
Bromodichloromethane	10.1		"	10.0	101	79-128				
Bromoform	8.27		"	10.0	82.7	78-133				
Bromomethane	8.33		"	10.0	83.3	43-168				
Carbon tetrachloride	10.3		"	10.0	103	77-141				
Chlorobenzene	10.4		"	10.0	104	88-120				
Chloroethane	9.88		"	10.0	98.8	65-136				
Chloroform	10.2		"	10.0	102	82-128				
Chloromethane	9.88		"	10.0	98.8	43-155				
cis-1,2-Dichloroethylene	10.2		"	10.0	102	83-129				
cis-1,3-Dichloropropylene	9.92		"	10.0	99.2	80-131				
Dibromochloromethane	9.59		"	10.0	95.9	80-130				
Dibromomethane	9.46		"	10.0	94.6	72-134				
Dichlorodifluoromethane	10.9		"	10.0	109	44-144				
Ethyl Benzene	10.9		"	10.0	109	80-131				
Hexachlorobutadiene	3.02		"	10.0	30.2	67-146	Low Bias			
Isopropylbenzene	11.0		"	10.0	110	76-140				
Methyl tert-butyl ether (MTBE)	9.46		"	10.0	94.6	76-135				
Methylene chloride	9.60		"	10.0	96.0	55-137				
Naphthalene	9.70		"	10.0	97.0	70-147				
n-Butylbenzene	11.0		"	10.0	110	79-132				
n-Propylbenzene	11.2		"	10.0	112	78-133				
o-Xylene	10.8		"	10.0	108	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 BG50515 - EPA 5030B

LCS (BG50515-BS1)

Prepared & Analyzed: 07/10/2015

p- & m- Xylenes	22.3		ug/L	20.0		111	77-133				
p-Isopropyltoluene	11.1		"	10.0		111	81-136				
sec-Butylbenzene	11.2		"	10.0		112	79-137				
Styrene	10.8		"	10.0		108	67-132				
tert-Butylbenzene	11.0		"	10.0		110	77-138				
Tetrachloroethylene	10.1		"	10.0		101	82-131				
Toluene	10.6		"	10.0		106	80-127				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132				
trans-1,3-Dichloropropylene	9.66		"	10.0		96.6	78-131				
Trichloroethylene	10.0		"	10.0		100	82-128				
Trichlorofluoromethane	10.8		"	10.0		108	67-139				
Vinyl Chloride	10.7		"	10.0		107	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.71</i>		<i>"</i>	<i>10.0</i>		<i>97.1</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>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>79-122</i>				

LCS Dup (BG50515-BS1)

Prepared & Analyzed: 07/10/2015

1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126		3.19	30	
1,1,1-Trichloroethane	10.9		"	10.0		109	78-136		5.57	30	
1,1,2,2-Tetrachloroethane	11.1		"	10.0		111	76-129		10.3	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9		"	10.0		109	54-165		3.54	30	
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123		8.35	30	
1,1-Dichloroethane	10.8		"	10.0		108	82-129		4.34	30	
1,1-Dichloroethylene	10.9		"	10.0		109	68-138		3.35	30	
1,1-Dichloropropylene	10.8		"	10.0		108	83-133		4.62	30	
1,2,3-Trichlorobenzene	10.1		"	10.0		101	76-136		4.36	30	
1,2,3-Trichloropropane	11.1		"	10.0		111	77-128		9.94	30	
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-137		4.91	30	
1,2,4-Trimethylbenzene	11.1		"	10.0		111	82-132		0.361	30	
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	45-147		15.0	30	
1,2-Dibromoethane	10.7		"	10.0		107	83-124		11.1	30	
1,2-Dichlorobenzene	10.5		"	10.0		105	79-123		1.63	30	
1,2-Dichloroethane	11.0		"	10.0		110	73-132		9.11	30	
1,2-Dichloropropane	10.6		"	10.0		106	78-126		2.67	30	
1,3,5-Trimethylbenzene	11.1		"	10.0		111	80-131		0.361	30	
1,3-Dichlorobenzene	10.7		"	10.0		107	86-122		2.27	30	
1,3-Dichloropropane	10.9		"	10.0		109	81-125		10.8	30	
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124		2.38	30	
2,2-Dichloropropane	10.5		"	10.0		105	56-150		3.98	30	
2-Chlorotoluene	11.0		"	10.0		110	79-130		3.03	30	
2-Hexanone	10.6		"	10.0		106	51-146		10.4	30	
4-Chlorotoluene	11.1		"	10.0		111	79-128		1.90	30	
Acetone	10.4		"	10.0		104	14-150		16.8	30	
Benzene	11.0		"	10.0		110	85-126		5.44	30	
Bromobenzene	11.0		"	10.0		110	78-129		5.62	30	
Bromochloromethane	9.56		"	10.0		95.6	77-128		2.99	30	
Bromodichloromethane	10.8		"	10.0		108	79-128		6.43	30	
Bromoform	10.3		"	10.0		103	78-133		21.6	30	
Bromomethane	9.30		"	10.0		93.0	43-168		11.0	30	
Carbon tetrachloride	10.7		"	10.0		107	77-141		3.82	30	
Chlorobenzene	10.9		"	10.0		109	88-120		4.51	30	
Chloroethane	10.2		"	10.0		102	65-136		2.70	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG50515 - EPA 5030B

LCS Dup (BG50515-BSD1)

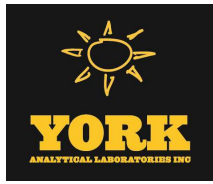
Prepared & Analyzed: 07/10/2015

Chloroform	10.2		ug/L	10.0		102	82-128		0.00	30	
Chloromethane	10.1		"	10.0		101	43-155		1.90	30	
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129		5.89	30	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	80-131		6.53	30	
Dibromochloromethane	10.4		"	10.0		104	80-130		8.30	30	
Dibromomethane	10.2		"	10.0		102	72-134		7.92	30	
Dichlorodifluoromethane	11.4		"	10.0		114	44-144		4.49	30	
Ethyl Benzene	11.1		"	10.0		111	80-131		1.82	30	
Hexachlorobutadiene	9.67		"	10.0		96.7	67-146		105	30	Non-dir.
Isopropylbenzene	10.9		"	10.0		109	76-140		0.365	30	
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	76-135		12.3	30	
Methylene chloride	10.3		"	10.0		103	55-137		6.84	30	
Naphthalene	10.6		"	10.0		106	70-147		8.96	30	
n-Butylbenzene	11.0		"	10.0		110	79-132		0.182	30	
n-Propylbenzene	11.2		"	10.0		112	78-133		0.357	30	
o-Xylene	11.0		"	10.0		110	78-130		1.74	30	
p- & m- Xylenes	22.8		"	20.0		114	77-133		2.48	30	
p-Isopropyltoluene	11.1		"	10.0		111	81-136		0.361	30	
sec-Butylbenzene	11.1		"	10.0		111	79-137		0.898	30	
Styrene	11.1		"	10.0		111	67-132		3.38	30	
tert-Butylbenzene	10.8		"	10.0		108	77-138		1.47	30	
Tetrachloroethylene	10.1		"	10.0		101	82-131		0.0991	30	
Toluene	10.8		"	10.0		108	80-127		1.21	30	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132		3.53	30	
trans-1,3-Dichloropropylene	10.7		"	10.0		107	78-131		10.1	30	
Trichloroethylene	10.5		"	10.0		105	82-128		4.00	30	
Trichlorofluoromethane	10.8		"	10.0		108	67-139		0.371	30	
Vinyl Chloride	11.0		"	10.0		110	58-145		2.49	30	
Surrogate: 1,2-Dichloroethane-d4	10.3		"	10.0		103	69-130				
Surrogate: Toluene-d8	9.86		"	10.0		98.6	81-117				
Surrogate: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				



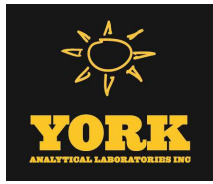
Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit								Level	Result
Batch BG50322 - EPA 3010A											
Blank (BG50322-BLK1)											Prepared: 07/07/2015 Analyzed: 07/08/2015
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BG50322-DUP1)											*Source sample: 15G0140-01 (WQ070115:12:00 NP2-6) Prepared: 07/07/2015 Analyzed: 07/08/2015
Iron - Dissolved	ND	0.0200	mg/L		ND						20
Matrix Spike (BG50322-MS1)											*Source sample: 15G0140-01 (WQ070115:12:00 NP2-6) Prepared: 07/07/2015 Analyzed: 07/08/2015
Iron - Dissolved	1.07	0.0200	mg/L	1.00	ND	107		75-125			
Reference (BG50322-SRM1)											Prepared: 07/07/2015 Analyzed: 07/08/2015
Iron - Dissolved	0.323	0.0200	mg/L	0.354		91.2		85-115			
Batch BG50411 - EPA 200.7											
Blank (BG50411-BLK1)											Prepared: 07/08/2015 Analyzed: 07/09/2015
Iron	ND	0.0200	mg/L								
Duplicate (BG50411-DUP1)											*Source sample: 15G0140-01 (WQ070115:12:00 NP2-6) Prepared: 07/08/2015 Analyzed: 07/09/2015
Iron	2.65	0.0200	mg/L		2.62					1.23	20
Matrix Spike (BG50411-MS1)											*Source sample: 15G0140-01 (WQ070115:12:00 NP2-6) Prepared: 07/08/2015 Analyzed: 07/09/2015
Iron	3.65	0.0200	mg/L	1.00	2.62	103		75-125			
Reference (BG50411-SRM1)											Prepared: 07/08/2015 Analyzed: 07/09/2015
Iron	0.320	0.0200	mg/L	0.354		90.4		85-115			



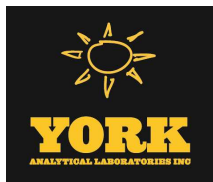
Miscellaneous Physical Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50215 - % Solids Prep											
Blank (BG50215-BLK1)										Prepared & Analyzed: 07/06/2015	
Total Dissolved Solids	ND	10.0	mg/L								
Duplicate (BG50215-DUP2)										Prepared & Analyzed: 07/06/2015	
*Source sample: 15G0141-01 (WQ070115:12:20 NP2-10)											
Total Dissolved Solids	158	10.0	mg/L		157				0.635	15	



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15G0140-01	WQ070115:12:00 NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0140-02	WQ070115:12:10 NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0141-01	WQ070115:12:20 NP2-10	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.
- B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

-
- * 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.

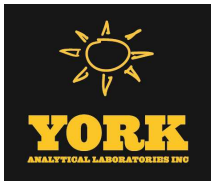
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For 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. 1560140

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> <u>Shelton, CT 06484</u>		Address:		Address:		Purchase Order No. <u>NAB5AG.</u>		RUSH - Next Day <input type="checkbox"/>		Summary w/ QA Summary <u>X, pdf</u>	
Phone No. <u>203-929-8555</u>		Phone No.:		Phone No.:		Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>		RUSH - Two Day <input type="checkbox"/>		CT RCP Package	
Contact Person: <u>Tunde Sandor</u>		Attention:		Attention:		Standard(5-7 Days) <input checked="" type="checkbox"/>		RUSH - Three Day <input type="checkbox"/>		CTRCP DQ/DUE Pkg	
E-Mail Address: <u>TSandor@LBGCT.com</u>		E-Mail Address: <u>↓</u>		E-Mail Address: <u>↓</u>				RUSH - Four Day <input type="checkbox"/>		NY ASP A Package	

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

Samples Collected/Authorized By (Signature)

Evan Foster
Name (printed)

Volfiles	Semi-Vols	Pest/Chl/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri. Poll.
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/Chl
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Residue
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Deadline
CT RCP list	524.2	TCL list	TCLP Post	Dissolved	Air STARS	Part 360-Residue
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Residue
Halog. only	NJDEP list	App. IX	Chlordane	Indic. Metals	Air TICs	NYDEP Sewer
App. IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSECS sur
8021B list	SPLP or TCLP	SPLP or TCLP	608 PCB	Helium	Helium	Silica

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
<u>WQ070115: 12:00 NP2-6</u>	<u>7-1-15</u>	<u>GW</u>	<u>Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW 846-6010B) / VOCs, P260 List (EPA SW 845-R260B) plus from 113</u>	<u>3 uva, 2 plastic</u>
<u>WQ070115: 12:10 NP2-7</u>	<u>↓</u>	<u>GW</u>	<u>↓</u>	<u>3 uva, 2 plastic</u>
<u>WQ070115: 12:20 NP2-10</u>	<u>↓</u>	<u>GW</u>	<u>Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW 846-6010B) / VOCs, P260 List (EPA SW 845-R260A) plus from 113 / TDS (SM 2540 C)</u>	<u>2 uva, 3 plastic*</u>

Comments <u>NP2-10 - only 2 uva's, 1 uva broke in transit.*</u>	Preservation <u>4°C</u> Frozen <input type="checkbox"/> HCl <input checked="" type="checkbox"/> MeOH <input type="checkbox"/> HNO ₃ <input checked="" type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> Check those Applicable ZnAc <input type="checkbox"/> Ascorbic Acid <input type="checkbox"/> Other <input type="checkbox"/>	Temperature on Receipt <u>3.3 °C</u>	
	Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>	Samples Relinquished By <u>[Signature]</u> Date/Time <u>7/2/15 1100</u> Samples Received By <u>LBG-Fridge</u> Date/Time <u>7/2/15 1100</u>	
		Samples Relinquished By <u>[Signature]</u> Date/Time <u>7-2-15 1725</u> Samples Received in L.A.B. by <u>Grace</u> Date/Time <u>7-2-15 1725</u>	

Rec'd at 7/2/15 16:05

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. 156-0191

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>Rewe Industries.</u>		RUSH - Same Day <input type="checkbox"/>		Summary Report <u>X, pdf</u>	
Address: <u>4 Research Dr. Suite 301 Shelton, CT 06484</u>		Address:		Address:				RUSH - Next Day <input type="checkbox"/>		Summary w/ QA Summary <u>X, pdf</u>	
Phone No. <u>203-929-8555</u>		Phone No.:		Phone No.:				RUSH - Two Day <input type="checkbox"/>		CT RCP Package	
Contact Person: <u>Tunde Sandor</u>		Attention:		Attention:				RUSH - Three Day <input type="checkbox"/>		CTRCP DQA/DUE Pkg	
E-Mail Address: <u>TSandor@LBGCT.com</u>		E-Mail Address: <u>↓</u>		E-Mail Address: <u>↓</u>				RUSH - Four Day <input type="checkbox"/>		NY ASP A Package	
						Purchase Order No. <u>NAB5A6.</u>		Standard (5-7 Days) <input checked="" type="checkbox"/>		NY ASP B Package <u>NP2-10 only, pdf.</u>	
						Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>				NJDEP Red. Deliv. <input type="checkbox"/>	

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

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

Volatiles	Semi-Vols.	Pest/PCATermt	Metals	Misc. Org.	Full Lists	Misc.
8260 full TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri. Poll.	Consoivity
624 Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL MetCN	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-Review	Heterotrophs
TAGM list TCLP list	CT RCP list	SPL or TCLP	Total	Air TO15	Part 360-Review	TOX
CT RCP list 524.2	TCL list	TCLP Post	Dissolved	Air STARS	Part 360-Review	BTU/b.
Arom. only 502.2	NJDEP list	TCLP Herb	SPL or TCLP	Air VPH	Part 360-Review	Aquatic Tox.
Halog. only NJDEP list	App. IX	Chlordane	Indic Metals	Air TICs	NYDEP Sewer	TOC
App. IX list SPL or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSECC Sewer	Asbestos
8021B list	SPL or TCLP	608 PCB	Helium	TAGM	Silica	

Simple Excel X

NYSDEC EQUIS _____

EQUIS (std) _____

EZ-EDD (EQUIS) _____

NJDEP SRP HazSite EDD _____

GIS/KEY (std) _____

Other _____

York Regulatory Comparison _____

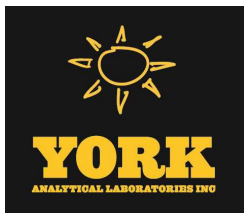
Excel Spreadsheets _____

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)
WQ070115:12:00 NP2-6	7-1-15	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW 846-6010B) / VOCs, P260 List (EPA SW 845-8260B) plus fecal 113	3 vials, 2 plastic
WQ070115:12:10 NP2-7	↓	GW	↓	3 vials, 2 plastic
WQ070115:12:20 NP2-10	↓	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW 846-6010B) / VOCs, P260 List (EPA SW 845-8260B) plus fecal 113 / TOS (SM 2540C)	2 vials, 3 plastic*

Comments NP2-10 - only 2 vials, 1 vial ore in transit.*	Preservation <u>4°C</u> Frozen <input type="checkbox"/> HCl <input type="checkbox"/> MeOH <input checked="" type="checkbox"/> BNO <input checked="" type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> Check these Applicable ZnAc Ascorbic Acid Other	Temperature on Receipt <u>3.3°C</u>	
	Special Instructions <u>7/2/15 1100</u> Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>	Samples Relinquished By <u>[Signature]</u> Date/Time <u>7/2/15 1100</u> Samples Received By <u>Grace</u> Date/Time <u>7-2-15 1725</u>	Samples Relinquished By <u>[Signature]</u> Date/Time <u>7/2/15 1100</u> Samples Received in LAB by <u>[Signature]</u> Date/Time <u>7/2/15 1725</u>

Page 30 of 30



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 204

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 07/23/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15G0647

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 07/23/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15G0647

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 July 17, 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>
15G0647-01	WQ071515:1100NP2-6	Water	07/15/2015	07/17/2015
15G0647-02	WQ071515:1105NP2-7	Water	07/15/2015	07/17/2015
15G0649-01	WQ071515:1110NP2-10	Water	07/15/2015	07/17/2015

General Notes for York Project (SDG) No.: 15G0647

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.

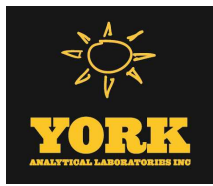
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 07/23/2015





Sample Information

Client Sample ID: WQ071515:1100NP2-6

York Sample ID: 15G0647-01

<u>York Project (SDG) No.</u> 15G0647	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 3:00 pm	<u>Date Received</u> 07/17/2015
--	---	------------------------	--	------------------------------------

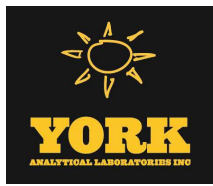
Volatile Organics, 8260 List - Low Level

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	07/22/2015 08:25	07/22/2015 14:24	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	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	07/22/2015 08:25	07/22/2015 14:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS



Sample Information

Client Sample ID: WQ071515:1100NP2-6

York Sample ID: 15G0647-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0647

Rowe Industries

Water

July 15, 2015 3:00 pm

07/17/2015

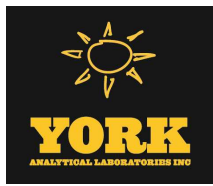
Volatile Organics, 8260 List - Low Level

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	07/22/2015 08:25	07/22/2015 14:24	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
74-87-3	Chloromethane	0.24	CCV-E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
156-59-2	cis-1,2-Dichloroethylene	0.22	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS



Sample Information

Client Sample ID: WQ071515:1100NP2-6

York Sample ID: 15G0647-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0647

Rowe Industries

Water

July 15, 2015 3:00 pm

07/17/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/22/2015 08:25	07/22/2015 14:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/22/2015 08:25	07/22/2015 14:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
127-18-4	Tetrachloroethylene	1.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
79-01-6	Trichloroethylene	0.31	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/22/2015 08:25	07/22/2015 14:24	SS
	Surrogate Recoveries	Result						Acceptance Range			
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.9 %						69-130			
2037-26-5	Surrogate: Toluene-d8	98.7 %						81-117			
460-00-4	Surrogate: p-Bromofluorobenzene	104 %						79-122			

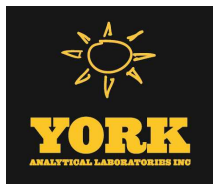
Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: WQ071515:1100NP2-6

York Sample ID: 15G0647-01

<u>York Project (SDG) No.</u> 15G0647	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 3:00 pm	<u>Date Received</u> 07/17/2015
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Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

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	7.00		mg/L	0.0146	0.0200	1	EPA 200.7	07/21/2015 08:27	07/22/2015 00:28	AMC
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		

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	0.0444		mg/L	0.0200	0.0200	1	EPA 6010C	07/21/2015 08:24	07/21/2015 23:10	AMC
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: WQ071515:1105NP2-7

York Sample ID: 15G0647-02

<u>York Project (SDG) No.</u> 15G0647	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 3:00 pm	<u>Date Received</u> 07/17/2015
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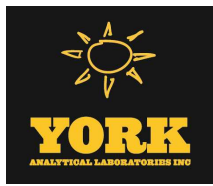
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/22/2015 08:25	07/22/2015 14:56	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/22/2015 08:25	07/22/2015 14:56	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/22/2015 08:25	07/22/2015 14:56	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	07/22/2015 08:25	07/22/2015 14:56	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/22/2015 08:25	07/22/2015 14:56	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/22/2015 08:25	07/22/2015 14:56	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/22/2015 08:25	07/22/2015 14:56	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/22/2015 08:25	07/22/2015 14:56	SS
Certifications:									NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/22/2015 08:25	07/22/2015 14:56	SS
Certifications:									NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/22/2015 08:25	07/22/2015 14:56	SS
Certifications:									NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/22/2015 08:25	07/22/2015 14:56	SS
Certifications:									NELAC-NY10854,NJDEP		



Sample Information

Client Sample ID: WQ071515:1105NP2-7

York Sample ID: 15G0647-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0647

Rowe Industries

Water

July 15, 2015 3:00 pm

07/17/2015

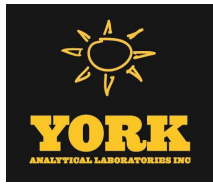
Volatile Organics, 8260 List - Low Level

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	07/22/2015 08:25	07/22/2015 14:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
67-64-1	Acetone	1.8	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS



Sample Information

Client Sample ID: WQ071515:1105NP2-7

York Sample ID: 15G0647-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0647

Rowe Industries

Water

July 15, 2015 3:00 pm

07/17/2015

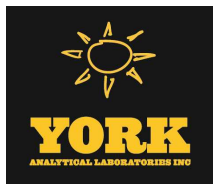
Volatile Organics, 8260 List - Low Level

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	07/22/2015 08:25	07/22/2015 14:56	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/22/2015 08:25	07/22/2015 14:56	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/22/2015 08:25	07/22/2015 14:56	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS



Sample Information

Client Sample ID: WQ071515:1105NP2-7

York Sample ID: 15G0647-02

<u>York Project (SDG) No.</u> 15G0647	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 3:00 pm	<u>Date Received</u> 07/17/2015
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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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/22/2015 08:25	07/22/2015 14:56	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.2 %			69-130						
2037-26-5	Surrogate: Toluene-d8	99.8 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			79-122						

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	5.43		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/21/2015 08:27	07/22/2015 00:33	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	0.303		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/21/2015 08:24	07/21/2015 23:41	AMC

Sample Information

Client Sample ID: WQ071515:1110NP2-10

York Sample ID: 15G0649-01

<u>York Project (SDG) No.</u> 15G0649	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 3:00 pm	<u>Date Received</u> 07/17/2015
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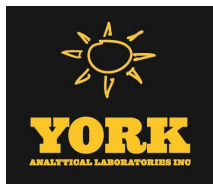
Volatile Organics, 8260 List - Low Level

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	07/22/2015 08:25	07/22/2015 18:13	SS



Sample Information

Client Sample ID: WQ071515:1110NP2-10

York Sample ID: 15G0649-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0649

Rowe Industries

Water

July 15, 2015 3:00 pm

07/17/2015

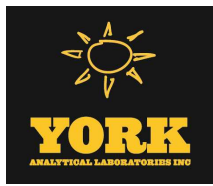
Volatile Organics, 8260 List - Low Level

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
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	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	07/22/2015 08:25	07/22/2015 18:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS



Sample Information

Client Sample ID: WQ071515:1110NP2-10

York Sample ID: 15G0649-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0649

Rowe Industries

Water

July 15, 2015 3:00 pm

07/17/2015

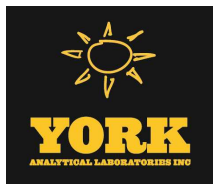
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS



Sample Information

Client Sample ID: WQ071515:1110NP2-10

York Sample ID: 15G0649-01

<u>York Project (SDG) No.</u> 15G0649	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 3:00 pm	<u>Date Received</u> 07/17/2015
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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
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/22/2015 08:25	07/22/2015 18:13	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/22/2015 08:25	07/22/2015 18:13	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/22/2015 08:25	07/22/2015 18:13	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.9 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	100 %	79-122								

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	4.00		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/21/2015 08:27	07/22/2015 00:50	AMC

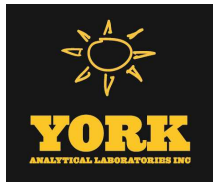
Iron, Dissolved by EPA 6010

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
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Sample Information

Client Sample ID: WQ071515:1110NP2-10

York Sample ID: 15G0649-01

<u>York Project (SDG) No.</u> 15G0649	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 3:00 pm	<u>Date Received</u> 07/17/2015
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7439-89-6	Iron	0.0495	mg/L	0.0200	0.0200	1	EPA 6010C	07/21/2015 08:24	07/21/2015 23:46	AMC
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

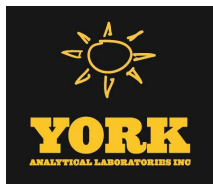
Total Dissolved Solids

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	138		mg/L	10.0	10.0	1	SM 2540C	07/22/2015 15:40	07/22/2015 15:40	AA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP			



Analytical Batch Summary

Batch ID: BG51035 **Preparation Method:** EPA 3010A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15G0647-01	WQ071515:1100NP2-6	07/21/15
15G0647-02	WQ071515:1105NP2-7	07/21/15
15G0649-01	WQ071515:1110NP2-10	07/21/15
BG51035-BLK1	Blank	07/21/15
BG51035-DUP1	Duplicate	07/21/15
BG51035-MS1	Matrix Spike	07/21/15
BG51035-SRM1	Reference	07/21/15

Batch ID: BG51036 **Preparation Method:** EPA 200.7 **Prepared By:** ALD

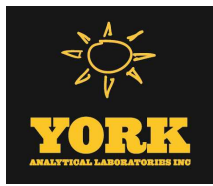
YORK Sample ID	Client Sample ID	Preparation Date
15G0647-01	WQ071515:1100NP2-6	07/21/15
15G0647-02	WQ071515:1105NP2-7	07/21/15
15G0649-01	WQ071515:1110NP2-10	07/21/15
BG51036-BLK1	Blank	07/21/15
BG51036-SRM1	Reference	07/21/15

Batch ID: BG51113 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15G0647-01	WQ071515:1100NP2-6	07/22/15
15G0647-02	WQ071515:1105NP2-7	07/22/15
15G0649-01	WQ071515:1110NP2-10	07/22/15
BG51113-BLK1	Blank	07/22/15
BG51113-BS1	LCS	07/22/15
BG51113-BSD1	LCS Dup	07/22/15

Batch ID: BG51148 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
15G0649-01	WQ071515:1110NP2-10	07/22/15
BG51148-BLK1	Blank	07/22/15



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

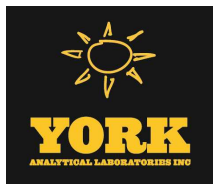
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG51113 - EPA 5030B

Blank (BG51113-BLK1)

Prepared & Analyzed: 07/22/2015

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	0.34	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	1.8	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG51113 - EPA 5030B

Blank (BG51113-BLK1)

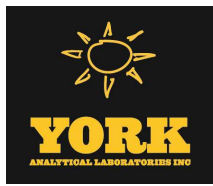
Prepared & Analyzed: 07/22/2015

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	"								
Surrogate: 1,2-Dichloroethane-d4	9.11		"	10.0		91.1	69-130				
Surrogate: Toluene-d8	9.89		"	10.0		98.9	81-117				
Surrogate: p-Bromofluorobenzene	10.4		"	10.0		104	79-122				

LCS (BG51113-BS1)

Prepared & Analyzed: 07/22/2015

1,1,1,2-Tetrachloroethane	9.58		ug/L	10.0		95.8	82-126				
1,1,1-Trichloroethane	9.40		"	10.0		94.0	78-136				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.80		"	10.0		98.0	54-165				
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123				
1,1-Dichloroethane	10.4		"	10.0		104	82-129				
1,1-Dichloroethylene	9.35		"	10.0		93.5	68-138				
1,1-Dichloropropylene	9.90		"	10.0		99.0	83-133				
1,2,3-Trichlorobenzene	10.1		"	10.0		101	76-136				
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	76-137				
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132				
1,2-Dibromo-3-chloropropane	9.25		"	10.0		92.5	45-147				
1,2-Dibromoethane	9.74		"	10.0		97.4	83-124				
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123				
1,2-Dichloroethane	9.18		"	10.0		91.8	73-132				
1,2-Dichloropropane	10.1		"	10.0		101	78-126				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131				
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122				
1,3-Dichloropropane	9.89		"	10.0		98.9	81-125				
1,4-Dichlorobenzene	10.5		"	10.0		105	85-124				
2,2-Dichloropropane	9.95		"	10.0		99.5	56-150				
2-Chlorotoluene	10.6		"	10.0		106	79-130				
2-Hexanone	9.34		"	10.0		93.4	51-146				
4-Chlorotoluene	10.6		"	10.0		106	79-128				
Acetone	8.55		"	10.0		85.5	14-150				
Benzene	10.4		"	10.0		104	85-126				
Bromobenzene	10.4		"	10.0		104	78-129				
Bromochloromethane	10.2		"	10.0		102	77-128				
Bromodichloromethane	9.35		"	10.0		93.5	79-128				
Bromoform	8.94		"	10.0		89.4	78-133				
Bromomethane	12.9		"	10.0		129	43-168				
Carbon tetrachloride	9.21		"	10.0		92.1	77-141				
Chlorobenzene	10.1		"	10.0		101	88-120				



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 BG51113 - EPA 5030B

LCS (BG51113-BS1)

Prepared & Analyzed: 07/22/2015

Chloroethane	9.90		ug/L	10.0		99.0	65-136				
Chloroform	9.67		"	10.0		96.7	82-128				
Chloromethane	9.40		"	10.0		94.0	43-155				
cis-1,2-Dichloroethylene	10.0		"	10.0		100	83-129				
cis-1,3-Dichloropropylene	9.70		"	10.0		97.0	80-131				
Dibromochloromethane	9.47		"	10.0		94.7	80-130				
Dibromomethane	9.59		"	10.0		95.9	72-134				
Dichlorodifluoromethane	7.50		"	10.0		75.0	44-144				
Ethyl Benzene	10.4		"	10.0		104	80-131				
Hexachlorobutadiene	9.53		"	10.0		95.3	67-146				
Isopropylbenzene	11.3		"	10.0		113	76-140				
Methyl tert-butyl ether (MTBE)	9.93		"	10.0		99.3	76-135				
Methylene chloride	9.42		"	10.0		94.2	55-137				
Naphthalene	10.5		"	10.0		105	70-147				
n-Butylbenzene	10.6		"	10.0		106	79-132				
n-Propylbenzene	11.0		"	10.0		110	78-133				
o-Xylene	10.2		"	10.0		102	78-130				
p- & m- Xylenes	20.5		"	20.0		102	77-133				
p-Isopropyltoluene	10.9		"	10.0		109	81-136				
sec-Butylbenzene	10.9		"	10.0		109	79-137				
Styrene	11.2		"	10.0		112	67-132				
tert-Butylbenzene	10.9		"	10.0		109	77-138				
Tetrachloroethylene	9.78		"	10.0		97.8	82-131				
Toluene	10.0		"	10.0		100	80-127				
trans-1,2-Dichloroethylene	9.89		"	10.0		98.9	80-132				
trans-1,3-Dichloropropylene	9.07		"	10.0		90.7	78-131				
Trichloroethylene	9.83		"	10.0		98.3	82-128				
Trichlorofluoromethane	9.00		"	10.0		90.0	67-139				
Vinyl Chloride	9.58		"	10.0		95.8	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.20</i>		<i>"</i>	<i>10.0</i>		<i>92.0</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.74</i>		<i>"</i>	<i>10.0</i>		<i>97.4</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>				



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 BG51113 - EPA 5030B										
LCS Dup (BG51113-BSD1)										
Prepared & Analyzed: 07/22/2015										
1,1,1,2-Tetrachloroethane	9.80		ug/L	10.0	98.0	98.0	82-126		2.27	30
1,1,1-Trichloroethane	9.44		"	10.0	94.4	94.4	78-136		0.425	30
1,1,2,2-Tetrachloroethane	10.2		"	10.0	102	102	76-129		2.60	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.84		"	10.0	98.4	98.4	54-165		0.407	30
1,1,2-Trichloroethane	10.4		"	10.0	104	104	82-123		3.52	30
1,1-Dichloroethane	10.3		"	10.0	103	103	82-129		0.0967	30
1,1-Dichloroethylene	9.50		"	10.0	95.0	95.0	68-138		1.59	30
1,1-Dichloropropylene	10.0		"	10.0	100	100	83-133		1.40	30
1,2,3-Trichlorobenzene	10.2		"	10.0	102	102	76-136		0.492	30
1,2,3-Trichloropropane	10.0		"	10.0	100	100	77-128		1.58	30
1,2,4-Trichlorobenzene	10.2		"	10.0	102	102	76-137		1.55	30
1,2,4-Trimethylbenzene	10.5		"	10.0	105	105	82-132		2.64	30
1,2-Dibromo-3-chloropropane	9.15		"	10.0	91.5	91.5	45-147		1.09	30
1,2-Dibromoethane	10.1		"	10.0	101	101	83-124		3.53	30
1,2-Dichlorobenzene	10.1		"	10.0	101	101	79-123		1.38	30
1,2-Dichloroethane	9.31		"	10.0	93.1	93.1	73-132		1.41	30
1,2-Dichloropropane	9.96		"	10.0	99.6	99.6	78-126		1.69	30
1,3,5-Trimethylbenzene	10.6		"	10.0	106	106	80-131		1.87	30
1,3-Dichlorobenzene	10.2		"	10.0	102	102	86-122		1.85	30
1,3-Dichloropropane	10.3		"	10.0	103	103	81-125		3.77	30
1,4-Dichlorobenzene	10.3		"	10.0	103	103	85-124		1.92	30
2,2-Dichloropropane	9.93		"	10.0	99.3	99.3	56-150		0.201	30
2-Chlorotoluene	10.2		"	10.0	102	102	79-130		4.03	30
2-Hexanone	9.72		"	10.0	97.2	97.2	51-146		3.99	30
4-Chlorotoluene	10.3		"	10.0	103	103	79-128		2.78	30
Acetone	8.19		"	10.0	81.9	81.9	14-150		4.30	30
Benzene	10.3		"	10.0	103	103	85-126		1.35	30
Bromobenzene	10.2		"	10.0	102	102	78-129		1.94	30
Bromochloromethane	10.2		"	10.0	102	102	77-128		0.0983	30
Bromodichloromethane	9.43		"	10.0	94.3	94.3	79-128		0.852	30
Bromoform	9.30		"	10.0	93.0	93.0	78-133		3.95	30
Bromomethane	12.8		"	10.0	128	128	43-168		0.700	30
Carbon tetrachloride	9.28		"	10.0	92.8	92.8	77-141		0.757	30
Chlorobenzene	10.2		"	10.0	102	102	88-120		0.790	30
Chloroethane	9.98		"	10.0	99.8	99.8	65-136		0.805	30
Chloroform	9.84		"	10.0	98.4	98.4	82-128		1.74	30
Chloromethane	9.72		"	10.0	97.2	97.2	43-155		3.35	30
cis-1,2-Dichloroethylene	9.99		"	10.0	99.9	99.9	83-129		0.300	30
cis-1,3-Dichloropropylene	9.48		"	10.0	94.8	94.8	80-131		2.29	30
Dibromochloromethane	9.78		"	10.0	97.8	97.8	80-130		3.22	30
Dibromomethane	9.57		"	10.0	95.7	95.7	72-134		0.209	30
Dichlorodifluoromethane	7.61		"	10.0	76.1	76.1	44-144		1.46	30
Ethyl Benzene	10.4		"	10.0	104	104	80-131		0.289	30
Hexachlorobutadiene	9.81		"	10.0	98.1	98.1	67-146		2.90	30
Isopropylbenzene	11.0		"	10.0	110	110	76-140		2.15	30
Methyl tert-butyl ether (MTBE)	10.1		"	10.0	101	101	76-135		1.40	30
Methylene chloride	9.45		"	10.0	94.5	94.5	55-137		0.318	30
Naphthalene	10.5		"	10.0	105	105	70-147		0.0953	30
n-Butylbenzene	10.5		"	10.0	105	105	79-132		1.42	30
n-Propylbenzene	10.8		"	10.0	108	108	78-133		2.57	30
o-Xylene	10.4		"	10.0	104	104	78-130		1.36	30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

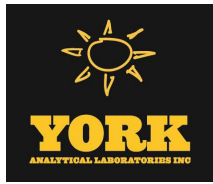
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG51113 - EPA 5030B

LCS Dup (BG51113-BSD1)

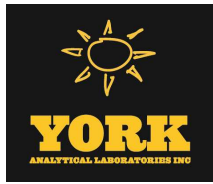
Prepared & Analyzed: 07/22/2015

p- & m- Xylenes	20.8		ug/L	20.0		104	77-133		1.50	30	
p-Isopropyltoluene	10.7		"	10.0		107	81-136		1.39	30	
sec-Butylbenzene	10.8		"	10.0		108	79-137		0.739	30	
Styrene	11.4		"	10.0		114	67-132		1.15	30	
tert-Butylbenzene	10.7		"	10.0		107	77-138		1.39	30	
Tetrachloroethylene	10.2		"	10.0		102	82-131		4.69	30	
Toluene	10.2		"	10.0		102	80-127		1.39	30	
trans-1,2-Dichloroethylene	9.91		"	10.0		99.1	80-132		0.202	30	
trans-1,3-Dichloropropylene	9.37		"	10.0		93.7	78-131		3.25	30	
Trichloroethylene	9.58		"	10.0		95.8	82-128		2.58	30	
Trichlorofluoromethane	9.24		"	10.0		92.4	67-139		2.63	30	
Vinyl Chloride	9.54		"	10.0		95.4	58-145		0.418	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.31</i>		<i>"</i>	<i>10.0</i>		<i>93.1</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.73</i>		<i>"</i>	<i>10.0</i>		<i>97.3</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</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 BG51035 - EPA 3010A											
Blank (BG51035-BLK1)										Prepared & Analyzed: 07/21/2015	
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BG51035-DUP1)										*Source sample: 15G0647-01 (WQ071515:1100NP2-6) Prepared & Analyzed: 07/21/2015	
Iron - Dissolved	0.0442	0.0200	mg/L		0.0444				0.358	20	
Matrix Spike (BG51035-MS1)										*Source sample: 15G0647-01 (WQ071515:1100NP2-6) Prepared & Analyzed: 07/21/2015	
Iron - Dissolved	1.05	0.0200	mg/L	1.00	0.0444	101	75-125				
Reference (BG51035-SRM1)										Prepared & Analyzed: 07/21/2015	
Iron - Dissolved	0.318	0.0200	mg/L	0.354		89.7	85-115				
Batch BG51036 - EPA 200.7											
Blank (BG51036-BLK1)										Prepared & Analyzed: 07/21/2015	
Iron	ND	0.0200	mg/L								
Reference (BG51036-SRM1)										Prepared: 07/21/2015 Analyzed: 07/22/2015	
Iron	0.301	0.0200	mg/L	0.354		85.1	85-115				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

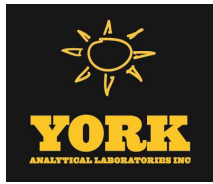
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG51148 - % Solids Prep

Blank (BG51148-BLK1)

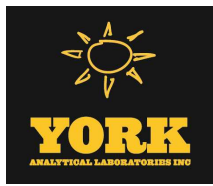
Prepared & Analyzed: 07/22/2015

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

Lab ID	Client Sample ID	Volatile Sample Container
15G0647-01	WQ071515:1100NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0647-02	WQ071515:1105NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0649-01	WQ071515:1110NP2-10	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%).
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).
<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.

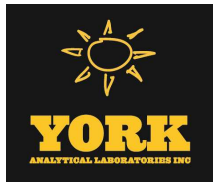
If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

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

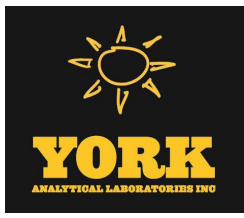
NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 156-0049

Page 1 of 1

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type			
Company: <u>LBG</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>		
Address: <u>4 Research Dr Suite 3rd</u>	Address:	Address:	Address:	Address:	Address:	Address:	Address:	Address:	Address:	Address:	Address:		
Phone No. <u>203-929-8555</u>	Phone No.:	Phone No.:	Phone No.:	Phone No.:	Phone No.:	Phone No.:	Phone No.:	Phone No.:	Phone No.:	Phone No.:	Phone No.:		
Contact Person: <u>Tonde Sander</u>	Attention:	Attention:	Attention:	Attention:	Attention:	Attention:	Attention:	Attention:	Attention:	Attention:	Attention:		
E-Mail Address: <u>Tsander@LBG.com</u>	E-Mail Address:	E-Mail Address:	E-Mail Address:	E-Mail Address:	E-Mail Address:	E-Mail Address:	E-Mail Address:	E-Mail Address:	E-Mail Address:	E-Mail Address:	E-Mail Address:		
<p>Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.</p>		<p>Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.</p>		<p>Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.</p>		<p>Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.</p>		<p>Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.</p>		<p>Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.</p>			
<p>Samples Collected/Authorized By (Signature) <u>Evan Foster</u></p>		<p>Samples Collected/Authorized By (Signature) <u>Evan Foster</u></p>		<p>Samples Collected/Authorized By (Signature) <u>Evan Foster</u></p>		<p>Samples Collected/Authorized By (Signature) <u>Evan Foster</u></p>		<p>Samples Collected/Authorized By (Signature) <u>Evan Foster</u></p>		<p>Samples Collected/Authorized By (Signature) <u>Evan Foster</u></p>			
Name (printed)		Name (printed)		Name (printed)		Name (printed)		Name (printed)		Name (printed)			
Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)									
W0071515:1100 NP3-6	7-15-15	GW	Fe by EPA 800-71Fe, Dissolved by EPA 8010 (SW 246-8010) 1100s, 8280 list (EPA SW 245-8280) plus from 113	Mixed									
W0071515:1105 NP3-7		GW											
W0071515:1110 NP2-10		GW	Fe by EPA 800-71Fe, Dissolved by EPA 8010 (SW 246-8010) 1100s, 8280 list (EPA SW 245-8280) plus from 113 / TDS (SH 2540c)										
Comments		<p>Preservation: <input type="checkbox"/> Frozen <input type="checkbox"/> HCl <input type="checkbox"/> HNO₃ <input type="checkbox"/> H₂SO₄ <input type="checkbox"/> NaOH</p> <p>Check those Applicable: <input type="checkbox"/> Special <input type="checkbox"/> Instructions <input type="checkbox"/> Field Filtered <input type="checkbox"/> Lab to Filter</p>		<p>Signature: <u>[Signature]</u> Date/Time: <u>7/15/15 11:00</u></p> <p>Signature: <u>[Signature]</u> Date/Time: <u>7/15/15 11:00</u></p>		<p>Signature: <u>[Signature]</u> Date/Time: <u>7/15/15 11:00</u></p> <p>Signature: <u>[Signature]</u> Date/Time: <u>7/15/15 11:00</u></p>		<p>Signature: <u>[Signature]</u> Date/Time: <u>7/15/15 11:00</u></p> <p>Signature: <u>[Signature]</u> Date/Time: <u>7/15/15 11:00</u></p>		<p>Signature: <u>[Signature]</u> Date/Time: <u>7/15/15 11:00</u></p> <p>Signature: <u>[Signature]</u> Date/Time: <u>7/15/15 11:00</u></p>		<p>Signature: <u>[Signature]</u> Date/Time: <u>7/15/15 11:00</u></p> <p>Signature: <u>[Signature]</u> Date/Time: <u>7/15/15 11:00</u></p>	

Handwritten notes:
 156-0049
 7/17/15 14:00
 (5ys hem)



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 204

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 08/07/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15G1090

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 08/07/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15G1090

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 July 31, 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>
15G1090-01	WQ073015:1000NP2-6	Water	07/30/2015	07/31/2015
15G1090-02	WQ073015:1010NP2-7	Water	07/30/2015	07/31/2015
15G1091-01	WQ073015:1020NP2-10	Water	07/30/2015	07/31/2015

General Notes for York Project (SDG) No.: 15G1090

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.

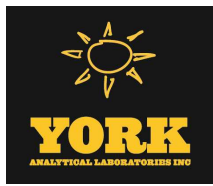
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 08/07/2015





Sample Information

Client Sample ID: WQ073015:1000NP2-6

York Sample ID: 15G1090-01

<u>York Project (SDG) No.</u> 15G1090	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 30, 2015 3:00 pm	<u>Date Received</u> 07/31/2015
--	---	------------------------	--	------------------------------------

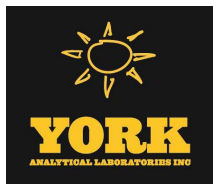
Volatile Organics, 8260 List - Low Level

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	08/03/2015 12:35	08/03/2015 16:24	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	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	08/03/2015 12:35	08/03/2015 16:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS



Sample Information

Client Sample ID: WQ073015:1000NP2-6

York Sample ID: 15G1090-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G1090

Rowe Industries

Water

July 30, 2015 3:00 pm

07/31/2015

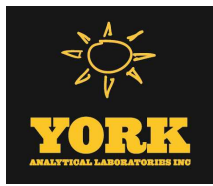
Volatile Organics, 8260 List - Low Level

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	08/03/2015 12:35	08/03/2015 16:24	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
156-59-2	cis-1,2-Dichloroethylene	0.22	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS



Sample Information

Client Sample ID: WQ073015:1000NP2-6

York Sample ID: 15G1090-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G1090

Rowe Industries

Water

July 30, 2015 3:00 pm

07/31/2015

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	2.4	B	ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	08/03/2015 12:35	08/03/2015 16:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	08/03/2015 12:35	08/03/2015 16:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
127-18-4	Tetrachloroethylene	1.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
79-01-6	Trichloroethylene	0.28	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	08/03/2015 12:35	08/03/2015 16:24	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	89.3 %			69-130						
2037-26-5	Surrogate: Toluene-d8	89.3 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	100 %			79-122						

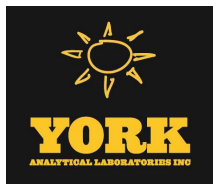
Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	5.22		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2015 12:30	08/04/2015 02:25	ALD



Sample Information

Client Sample ID: WQ073015:1000NP2-6

York Sample ID: 15G1090-01

<u>York Project (SDG) No.</u> 15G1090	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 30, 2015 3:00 pm	<u>Date Received</u> 07/31/2015
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Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.132		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2015 12:28	08/04/2015 00:57	ALD

Sample Information

Client Sample ID: WQ073015:1010NP2-7

York Sample ID: 15G1090-02

<u>York Project (SDG) No.</u> 15G1090	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 30, 2015 3:00 pm	<u>Date Received</u> 07/31/2015
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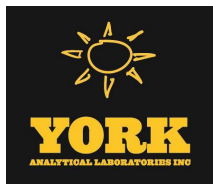
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	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	08/05/2015 08:55	08/05/2015 14:49	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS



Sample Information

Client Sample ID: WQ073015:1010NP2-7

York Sample ID: 15G1090-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G1090

Rowe Industries

Water

July 30, 2015 3:00 pm

07/31/2015

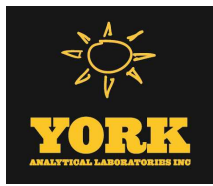
Volatile Organics, 8260 List - Low Level

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	08/05/2015 08:55	08/05/2015 14:49	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS



Sample Information

Client Sample ID: WQ073015:1010NP2-7

York Sample ID: 15G1090-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G1090

Rowe Industries

Water

July 30, 2015 3:00 pm

07/31/2015

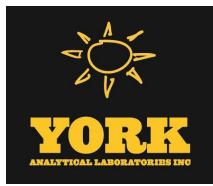
Volatile Organics, 8260 List - Low Level

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	08/05/2015 08:55	08/05/2015 14:49	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	08/05/2015 08:55	08/05/2015 14:49	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	08/05/2015 08:55	08/05/2015 14:49	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/05/2015 08:55	08/05/2015 14:49	SS



Sample Information

Client Sample ID: WQ073015:1010NP2-7

York Sample ID: 15G1090-02

<u>York Project (SDG) No.</u> 15G1090	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 30, 2015 3:00 pm	<u>Date Received</u> 07/31/2015
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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	08/05/2015 08:55	08/05/2015 14:49	SS
	Surrogate Recoveries	Result						Acceptance Range			
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %						69-130			
2037-26-5	Surrogate: Toluene-d8	108 %						81-117			
460-00-4	Surrogate: p-Bromofluorobenzene	116 %						79-122			

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	2.97		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2015 12:30	08/04/2015 02:30	ALD

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.0848		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2015 12:28	08/04/2015 01:15	ALD

Sample Information

Client Sample ID: WQ073015:1020NP2-10

York Sample ID: 15G1091-01

<u>York Project (SDG) No.</u> 15G1091	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 30, 2015 3:00 pm	<u>Date Received</u> 07/31/2015
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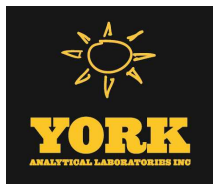
Volatile Organics, 8260 List - Low Level

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	08/03/2015 13:57	08/03/2015 17:30	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	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	08/03/2015 13:57	08/03/2015 17:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS



Sample Information

Client Sample ID: WQ073015:1020NP2-10

York Sample ID: 15G1091-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G1091

Rowe Industries

Water

July 30, 2015 3:00 pm

07/31/2015

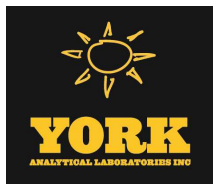
Volatile Organics, 8260 List - Low Level

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	08/03/2015 13:57	08/03/2015 17:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS



Sample Information

Client Sample ID: WQ073015:1020NP2-10

York Sample ID: 15G1091-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G1091

Rowe Industries

Water

July 30, 2015 3:00 pm

07/31/2015

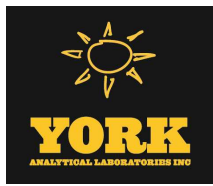
Volatile Organics, 8260 List - Low Level

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	08/03/2015 13:57	08/03/2015 17:30	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
91-20-3	Naphthalene	1.8	B, CCV-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	08/03/2015 13:57	08/03/2015 17:30	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	08/03/2015 13:57	08/03/2015 17:30	SS



Sample Information

Client Sample ID: WQ073015:1020NP2-10

York Sample ID: 15G1091-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G1091

Rowe Industries

Water

July 30, 2015 3:00 pm

07/31/2015

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
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	08/03/2015 13:57	08/03/2015 17:30	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	92.4 %	69-130
2037-26-5	Surrogate: Toluene-d8	90.2 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	99.0 %	79-122

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	2.00		mg/L	0.0146	0.0200	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2015 12:30	08/04/2015 02:34	ALD

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

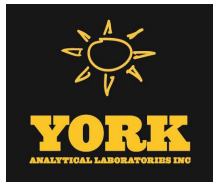
Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.0836		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/03/2015 12:28	08/04/2015 01:20	ALD

Total Dissolved Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WQ073015:1020NP2-10

York Sample ID: 15G1091-01

York Project (SDG) No.
15G1091

Client Project ID
Rowe Industries

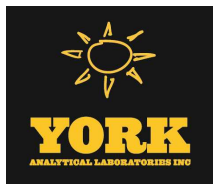
Matrix
Water

Collection Date/Time
July 30, 2015 3:00 pm

Date Received
07/31/2015

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	151		mg/L	10.0	10.0	1	SM 2540C	08/04/2015 13:58	08/04/2015 13:58	AA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP		



Analytical Batch Summary

Batch ID: BH50041 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15G1090-01	WQ073015:1000NP2-6	08/03/15
15G1090-02	WQ073015:1010NP2-7	08/03/15
15G1091-01	WQ073015:1020NP2-10	08/03/15
BH50041-BLK1	Blank	08/03/15
BH50041-DUP1	Duplicate	08/03/15
BH50041-MS1	Matrix Spike	08/03/15
BH50041-SRM1	Reference	08/03/15

Batch ID: BH50042 **Preparation Method:** EPA 200.7 **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15G1090-01	WQ073015:1000NP2-6	08/03/15
15G1090-02	WQ073015:1010NP2-7	08/03/15
15G1091-01	WQ073015:1020NP2-10	08/03/15
BH50042-BLK1	Blank	08/03/15
BH50042-SRM1	Reference	08/03/15

Batch ID: BH50048 **Preparation Method:** EPA 5030B **Prepared By:** SS

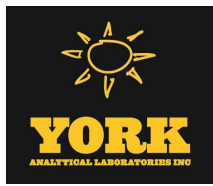
YORK Sample ID	Client Sample ID	Preparation Date
15G1090-01	WQ073015:1000NP2-6	08/03/15
15G1091-01	WQ073015:1020NP2-10	08/03/15
BH50048-BLK1	Blank	08/03/15
BH50048-BS1	LCS	08/03/15
BH50048-BSD1	LCS Dup	08/03/15

Batch ID: BH50114 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
15G1091-01	WQ073015:1020NP2-10	08/04/15
BH50114-BLK1	Blank	08/04/15

Batch ID: BH50152 **Preparation Method:** EPA 5030B **Prepared By:** OW

YORK Sample ID	Client Sample ID	Preparation Date
15G1090-02	WQ073015:1010NP2-7	08/05/15
BH50152-BLK1	Blank	08/05/15
BH50152-BS1	LCS	08/05/15
BH50152-BSD1	LCS Dup	08/05/15



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

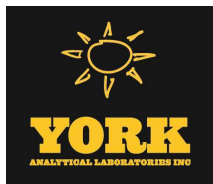
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH50048 - EPA 5030B

Blank (BH50048-BLK1)

Prepared & Analyzed: 08/03/2015

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	0.37	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.30	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	"								
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	2.7	2.0	"								
n-Butylbenzene	0.24	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 BH50048 - EPA 5030B

Blank (BH50048-BLK1)

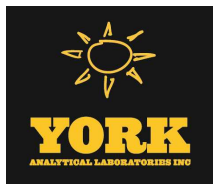
Prepared & Analyzed: 08/03/2015

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	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	9.16		"	10.0		91.6	69-130				
<i>Surrogate: Toluene-d8</i>	9.08		"	10.0		90.8	81-117				
<i>Surrogate: p-Bromofluorobenzene</i>	9.97		"	10.0		99.7	79-122				

LCS (BH50048-BS1)

Prepared & Analyzed: 08/03/2015

1,1,1,2-Tetrachloroethane	9.46		ug/L	10.0		94.6	82-126				
1,1,1-Trichloroethane	9.62		"	10.0		96.2	78-136				
1,1,2,2-Tetrachloroethane	12.0		"	10.0		120	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	54-165				
1,1,2-Trichloroethane	11.1		"	10.0		111	82-123				
1,1-Dichloroethane	11.4		"	10.0		114	82-129				
1,1-Dichloroethylene	10.5		"	10.0		105	68-138				
1,1-Dichloropropylene	10.9		"	10.0		109	83-133				
1,2,3-Trichlorobenzene	11.3		"	10.0		113	76-136				
1,2,3-Trichloropropane	10.9		"	10.0		109	77-128				
1,2,4-Trichlorobenzene	11.0		"	10.0		110	76-137				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132				
1,2-Dibromo-3-chloropropane	10.7		"	10.0		107	45-147				
1,2-Dibromoethane	11.0		"	10.0		110	83-124				
1,2-Dichlorobenzene	10.7		"	10.0		107	79-123				
1,2-Dichloroethane	10.2		"	10.0		102	73-132				
1,2-Dichloropropane	10.5		"	10.0		105	78-126				
1,3,5-Trimethylbenzene	9.80		"	10.0		98.0	80-131				
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122				
1,3-Dichloropropane	10.8		"	10.0		108	81-125				
1,4-Dichlorobenzene	10.7		"	10.0		107	85-124				
2,2-Dichloropropane	10.0		"	10.0		100	56-150				
2-Chlorotoluene	9.90		"	10.0		99.0	79-130				
2-Hexanone	10.8		"	10.0		108	51-146				
4-Chlorotoluene	9.76		"	10.0		97.6	79-128				
Acetone	9.70		"	10.0		97.0	14-150				
Benzene	11.5		"	10.0		115	85-126				
Bromobenzene	10.6		"	10.0		106	78-129				
Bromochloromethane	11.5		"	10.0		115	77-128				
Bromodichloromethane	9.34		"	10.0		93.4	79-128				
Bromoform	9.38		"	10.0		93.8	78-133				
Bromomethane	7.79		"	10.0		77.9	43-168				
Carbon tetrachloride	8.78		"	10.0		87.8	77-141				
Chlorobenzene	10.5		"	10.0		105	88-120				



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 BH50048 - EPA 5030B

LCS (BH50048-BS1)

Prepared & Analyzed: 08/03/2015

Chloroethane	11.0		ug/L	10.0		110	65-136				
Chloroform	10.5		"	10.0		105	82-128				
Chloromethane	12.4		"	10.0		124	43-155				
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129				
cis-1,3-Dichloropropylene	9.33		"	10.0		93.3	80-131				
Dibromochloromethane	9.45		"	10.0		94.5	80-130				
Dibromomethane	10.4		"	10.0		104	72-134				
Dichlorodifluoromethane	9.52		"	10.0		95.2	44-144				
Ethyl Benzene	10.3		"	10.0		103	80-131				
Hexachlorobutadiene	8.74		"	10.0		87.4	67-146				
Isopropylbenzene	10.6		"	10.0		106	76-140				
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	76-135				
Methylene chloride	11.4		"	10.0		114	55-137				
Naphthalene	16.0		"	10.0		160	70-147	High Bias			
n-Butylbenzene	9.49		"	10.0		94.9	79-132				
n-Propylbenzene	10.2		"	10.0		102	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	20.4		"	20.0		102	77-133				
p-Isopropyltoluene	9.83		"	10.0		98.3	81-136				
sec-Butylbenzene	9.89		"	10.0		98.9	79-137				
Styrene	11.5		"	10.0		115	67-132				
tert-Butylbenzene	9.88		"	10.0		98.8	77-138				
Tetrachloroethylene	10.8		"	10.0		108	82-131				
Toluene	10.1		"	10.0		101	80-127				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-132				
trans-1,3-Dichloropropylene	8.29		"	10.0		82.9	78-131				
Trichloroethylene	9.84		"	10.0		98.4	82-128				
Trichlorofluoromethane	9.04		"	10.0		90.4	67-139				
Vinyl Chloride	11.4		"	10.0		114	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.05</i>		<i>"</i>	<i>10.0</i>		<i>90.5</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.07</i>		<i>"</i>	<i>10.0</i>		<i>90.7</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>				



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 BH50048 - EPA 5030B											
LCS Dup (BH50048-BSD1)											
Prepared & Analyzed: 08/03/2015											
1,1,1,2-Tetrachloroethane	9.08		ug/L	10.0		90.8	82-126		4.10	30	
1,1,1-Trichloroethane	9.94		"	10.0		99.4	78-136		3.27	30	
1,1,2,2-Tetrachloroethane	11.2		"	10.0		112	76-129		6.71	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	54-165		3.59	30	
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123		3.58	30	
1,1-Dichloroethane	11.6		"	10.0		116	82-129		1.83	30	
1,1-Dichloroethylene	10.8		"	10.0		108	68-138		3.10	30	
1,1-Dichloropropylene	11.2		"	10.0		112	83-133		2.80	30	
1,2,3-Trichlorobenzene	11.2		"	10.0		112	76-136		1.06	30	
1,2,3-Trichloropropane	10.8		"	10.0		108	77-128		1.66	30	
1,2,4-Trichlorobenzene	11.0		"	10.0		110	76-137		0.182	30	
1,2,4-Trimethylbenzene	9.92		"	10.0		99.2	82-132		1.90	30	
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	45-147		3.92	30	
1,2-Dibromoethane	10.6		"	10.0		106	83-124		3.42	30	
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123		4.67	30	
1,2-Dichloroethane	10.4		"	10.0		104	73-132		1.55	30	
1,2-Dichloropropane	10.4		"	10.0		104	78-126		0.765	30	
1,3,5-Trimethylbenzene	10.0		"	10.0		100	80-131		2.32	30	
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122		3.24	30	
1,3-Dichloropropane	10.6		"	10.0		106	81-125		1.68	30	
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124		4.02	30	
2,2-Dichloropropane	9.87		"	10.0		98.7	56-150		1.41	30	
2-Chlorotoluene	9.74		"	10.0		97.4	79-130		1.63	30	
2-Hexanone	10.0		"	10.0		100	51-146		7.49	30	
4-Chlorotoluene	9.69		"	10.0		96.9	79-128		0.720	30	
Acetone	9.62		"	10.0		96.2	14-150		0.828	30	
Benzene	11.8		"	10.0		118	85-126		2.92	30	
Bromobenzene	10.2		"	10.0		102	78-129		3.07	30	
Bromochloromethane	11.4		"	10.0		114	77-128		1.14	30	
Bromodichloromethane	8.95		"	10.0		89.5	79-128		4.26	30	
Bromoform	8.85		"	10.0		88.5	78-133		5.81	30	
Bromomethane	8.04		"	10.0		80.4	43-168		3.16	30	
Carbon tetrachloride	9.07		"	10.0		90.7	77-141		3.25	30	
Chlorobenzene	10.3		"	10.0		103	88-120		2.11	30	
Chloroethane	11.2		"	10.0		112	65-136		2.26	30	
Chloroform	10.7		"	10.0		107	82-128		1.99	30	
Chloromethane	12.4		"	10.0		124	43-155		0.565	30	
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129		0.637	30	
cis-1,3-Dichloropropylene	9.22		"	10.0		92.2	80-131		1.19	30	
Dibromochloromethane	8.98		"	10.0		89.8	80-130		5.10	30	
Dibromomethane	10.2		"	10.0		102	72-134		1.84	30	
Dichlorodifluoromethane	9.74		"	10.0		97.4	44-144		2.28	30	
Ethyl Benzene	10.2		"	10.0		102	80-131		0.488	30	
Hexachlorobutadiene	8.89		"	10.0		88.9	67-146		1.70	30	
Isopropylbenzene	10.6		"	10.0		106	76-140		0.378	30	
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	76-135		0.180	30	
Methylene chloride	11.6		"	10.0		116	55-137		2.00	30	
Naphthalene	15.5		"	10.0		155	70-147	High Bias	2.98	30	
n-Butylbenzene	9.50		"	10.0		95.0	79-132		0.105	30	
n-Propylbenzene	10.1		"	10.0		101	78-133		0.591	30	
o-Xylene	10.2		"	10.0		102	78-130		1.36	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 BH50048 - EPA 5030B

LCS Dup (BH50048-BSD1)

Prepared & Analyzed: 08/03/2015

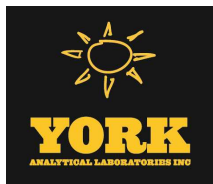
p- & m- Xylenes	20.0		ug/L	20.0		100	77-133			1.83	30
p-Isopropyltoluene	9.86		"	10.0		98.6	81-136			0.305	30
sec-Butylbenzene	9.95		"	10.0		99.5	79-137			0.605	30
Styrene	11.0		"	10.0		110	67-132			4.08	30
tert-Butylbenzene	9.90		"	10.0		99.0	77-138			0.202	30
Tetrachloroethylene	10.8		"	10.0		108	82-131			0.649	30
Toluene	10.0		"	10.0		100	80-127			0.892	30
trans-1,2-Dichloroethylene	11.2		"	10.0		112	80-132			2.35	30
trans-1,3-Dichloropropylene	8.17		"	10.0		81.7	78-131			1.46	30
Trichloroethylene	9.87		"	10.0		98.7	82-128			0.304	30
Trichlorofluoromethane	9.30		"	10.0		93.0	67-139			2.84	30
Vinyl Chloride	11.5		"	10.0		115	58-145			1.05	30
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.41</i>		<i>"</i>	<i>10.0</i>		<i>94.1</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.07</i>		<i>"</i>	<i>10.0</i>		<i>90.7</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>				

Batch BH50152 - EPA 5030B

Blank (BH50152-BLK1)

Prepared & Analyzed: 08/05/2015

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



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH50152 - EPA 5030B

Blank (BH50152-BLK1)

Prepared & Analyzed: 08/05/2015

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	10.3		"	10.0		103	69-130				
Surrogate: Toluene-d8	10.8		"	10.0		108	81-117				
Surrogate: p-Bromofluorobenzene	11.9		"	10.0		119	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

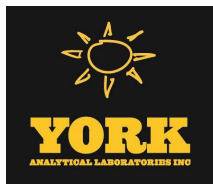
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH50152 - EPA 5030B

LCS (BH50152-BS1)

Prepared & Analyzed: 08/05/2015

1,1,1,2-Tetrachloroethane	9.16		ug/L	10.0		91.6	82-126				
1,1,1-Trichloroethane	9.58		"	10.0		95.8	78-136				
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.96		"	10.0		99.6	54-165				
1,1,2-Trichloroethane	9.65		"	10.0		96.5	82-123				
1,1-Dichloroethane	10.5		"	10.0		105	82-129				
1,1-Dichloroethylene	10.3		"	10.0		103	68-138				
1,1-Dichloropropylene	9.85		"	10.0		98.5	83-133				
1,2,3-Trichlorobenzene	6.94		"	10.0		69.4	76-136	Low Bias			
1,2,3-Trichloropropane	9.61		"	10.0		96.1	77-128				
1,2,4-Trichlorobenzene	7.69		"	10.0		76.9	76-137				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132				
1,2-Dibromo-3-chloropropane	9.17		"	10.0		91.7	45-147				
1,2-Dibromoethane	8.88		"	10.0		88.8	83-124				
1,2-Dichlorobenzene	9.34		"	10.0		93.4	79-123				
1,2-Dichloroethane	9.66		"	10.0		96.6	73-132				
1,2-Dichloropropane	10.6		"	10.0		106	78-126				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131				
1,3-Dichlorobenzene	9.39		"	10.0		93.9	86-122				
1,3-Dichloropropane	9.65		"	10.0		96.5	81-125				
1,4-Dichlorobenzene	9.55		"	10.0		95.5	85-124				
2,2-Dichloropropane	9.86		"	10.0		98.6	56-150				
2-Chlorotoluene	11.0		"	10.0		110	79-130				
2-Hexanone	10.3		"	10.0		103	51-146				
4-Chlorotoluene	11.0		"	10.0		110	79-128				
Acetone	8.22		"	10.0		82.2	14-150				
Benzene	9.70		"	10.0		97.0	85-126				
Bromobenzene	10.6		"	10.0		106	78-129				
Bromochloromethane	10.6		"	10.0		106	77-128				
Bromodichloromethane	9.86		"	10.0		98.6	79-128				
Bromoform	8.43		"	10.0		84.3	78-133				
Bromomethane	3.60		"	10.0		36.0	43-168	Low Bias			
Carbon tetrachloride	9.13		"	10.0		91.3	77-141				
Chlorobenzene	9.55		"	10.0		95.5	88-120				
Chloroethane	10.8		"	10.0		108	65-136				
Chloroform	9.51		"	10.0		95.1	82-128				
Chloromethane	6.79		"	10.0		67.9	43-155				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129				
cis-1,3-Dichloropropylene	9.34		"	10.0		93.4	80-131				
Dibromochloromethane	8.73		"	10.0		87.3	80-130				
Dibromomethane	9.48		"	10.0		94.8	72-134				
Dichlorodifluoromethane	10.8		"	10.0		108	44-144				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Hexachlorobutadiene	8.11		"	10.0		81.1	67-146				
Isopropylbenzene	10.6		"	10.0		106	76-140				
Methyl tert-butyl ether (MTBE)	9.43		"	10.0		94.3	76-135				
Methylene chloride	8.98		"	10.0		89.8	55-137				
Naphthalene	7.55		"	10.0		75.5	70-147				
n-Butylbenzene	10.8		"	10.0		108	79-132				
n-Propylbenzene	11.3		"	10.0		113	78-133				
o-Xylene	10.6		"	10.0		106	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 BH50152 - EPA 5030B

LCS (BH50152-BS1)

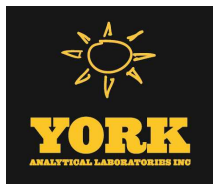
Prepared & Analyzed: 08/05/2015

p- & m- Xylenes	21.5		ug/L	20.0		107	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	10.1		"	10.0		101	77-138				
Tetrachloroethylene	10.3		"	10.0		103	82-131				
Toluene	10.2		"	10.0		102	80-127				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	9.15		"	10.0		91.5	78-131				
Trichloroethylene	10.2		"	10.0		102	82-128				
Trichlorofluoromethane	9.90		"	10.0		99.0	67-139				
Vinyl Chloride	10.2		"	10.0		102	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.87</i>		<i>"</i>	<i>10.0</i>		<i>98.7</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.8</i>		<i>"</i>	<i>10.0</i>		<i>108</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>11.6</i>		<i>"</i>	<i>10.0</i>		<i>116</i>	<i>79-122</i>				

LCS Dup (BH50152-BSD1)

Prepared & Analyzed: 08/05/2015

1,1,1,2-Tetrachloroethane	9.27		ug/L	10.0		92.7	82-126		1.19	30	
1,1,1-Trichloroethane	9.70		"	10.0		97.0	78-136		1.24	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		1.58	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.94		"	10.0		99.4	54-165		0.201	30	
1,1,2-Trichloroethane	9.42		"	10.0		94.2	82-123		2.41	30	
1,1-Dichloroethane	10.7		"	10.0		107	82-129		1.23	30	
1,1-Dichloroethylene	10.5		"	10.0		105	68-138		2.11	30	
1,1-Dichloropropylene	10.0		"	10.0		100	83-133		1.61	30	
1,2,3-Trichlorobenzene	7.00		"	10.0		70.0	76-136	Low Bias	0.861	30	
1,2,3-Trichloropropane	9.63		"	10.0		96.3	77-128		0.208	30	
1,2,4-Trichlorobenzene	7.66		"	10.0		76.6	76-137		0.391	30	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		0.189	30	
1,2-Dibromo-3-chloropropane	9.20		"	10.0		92.0	45-147		0.327	30	
1,2-Dibromoethane	8.76		"	10.0		87.6	83-124		1.36	30	
1,2-Dichlorobenzene	9.29		"	10.0		92.9	79-123		0.537	30	
1,2-Dichloroethane	9.74		"	10.0		97.4	73-132		0.825	30	
1,2-Dichloropropane	10.5		"	10.0		105	78-126		0.664	30	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131		0.190	30	
1,3-Dichlorobenzene	9.43		"	10.0		94.3	86-122		0.425	30	
1,3-Dichloropropane	9.61		"	10.0		96.1	81-125		0.415	30	
1,4-Dichlorobenzene	9.58		"	10.0		95.8	85-124		0.314	30	
2,2-Dichloropropane	9.82		"	10.0		98.2	56-150		0.407	30	
2-Chlorotoluene	10.9		"	10.0		109	79-130		0.274	30	
2-Hexanone	10.2		"	10.0		102	51-146		0.874	30	
4-Chlorotoluene	10.9		"	10.0		109	79-128		0.822	30	
Acetone	7.99		"	10.0		79.9	14-150		2.84	30	
Benzene	9.82		"	10.0		98.2	85-126		1.23	30	
Bromobenzene	10.4		"	10.0		104	78-129		1.53	30	
Bromochloromethane	10.7		"	10.0		107	77-128		0.847	30	
Bromodichloromethane	9.78		"	10.0		97.8	79-128		0.815	30	
Bromoform	8.63		"	10.0		86.3	78-133		2.34	30	
Bromomethane	4.05		"	10.0		40.5	43-168	Low Bias	11.8	30	
Carbon tetrachloride	9.45		"	10.0		94.5	77-141		3.44	30	
Chlorobenzene	9.43		"	10.0		94.3	88-120		1.26	30	
Chloroethane	10.6		"	10.0		106	65-136		2.15	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 BH50152 - EPA 5030B

LCS Dup (BH50152-BSD1)

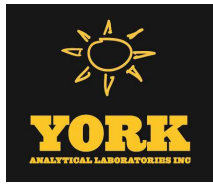
Prepared & Analyzed: 08/05/2015

Chloroform	9.65		ug/L	10.0		96.5	82-128		1.46	30	
Chloromethane	6.97		"	10.0		69.7	43-155		2.62	30	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	83-129		1.58	30	
cis-1,3-Dichloropropylene	9.38		"	10.0		93.8	80-131		0.427	30	
Dibromochloromethane	8.83		"	10.0		88.3	80-130		1.14	30	
Dibromomethane	9.51		"	10.0		95.1	72-134		0.316	30	
Dichlorodifluoromethane	10.7		"	10.0		107	44-144		0.466	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		0.376	30	
Hexachlorobutadiene	8.13		"	10.0		81.3	67-146		0.246	30	
Isopropylbenzene	10.5		"	10.0		105	76-140		0.949	30	
Methyl tert-butyl ether (MTBE)	9.50		"	10.0		95.0	76-135		0.740	30	
Methylene chloride	9.08		"	10.0		90.8	55-137		1.11	30	
Naphthalene	7.52		"	10.0		75.2	70-147		0.398	30	
n-Butylbenzene	10.9		"	10.0		109	79-132		0.276	30	
n-Propylbenzene	11.4		"	10.0		114	78-133		0.441	30	
o-Xylene	10.5		"	10.0		105	78-130		0.569	30	
p- & m- Xylenes	21.5		"	20.0		107	77-133		0.00	30	
p-Isopropyltoluene	10.2		"	10.0		102	81-136		0.589	30	
sec-Butylbenzene	10.2		"	10.0		102	79-137		0.683	30	
Styrene	10.6		"	10.0		106	67-132		1.59	30	
tert-Butylbenzene	10.2		"	10.0		102	77-138		1.38	30	
Tetrachloroethylene	10.2		"	10.0		102	82-131		1.07	30	
Toluene	10.2		"	10.0		102	80-127		0.195	30	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		0.0961	30	
trans-1,3-Dichloropropylene	9.15		"	10.0		91.5	78-131		0.00	30	
Trichloroethylene	10.2		"	10.0		102	82-128		0.393	30	
Trichlorofluoromethane	9.93		"	10.0		99.3	67-139		0.303	30	
Vinyl Chloride	10.4		"	10.0		104	58-145		1.26	30	
Surrogate: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130				
Surrogate: Toluene-d8	10.7		"	10.0		107	81-117				
Surrogate: p-Bromofluorobenzene	11.5		"	10.0		115	79-122				



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

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result		Limits		Limit			
Batch BH50041 - EPA 3015A												
Blank (BH50041-BLK1)											Prepared: 08/03/2015 Analyzed: 08/04/2015	
Iron - Dissolved	ND	0.0200	mg/L									
Duplicate (BH50041-DUP1)											*Source sample: 15G1090-01 (WQ073015:1000NP2-6) Prepared: 08/03/2015 Analyzed: 08/04/2015	
Iron - Dissolved	0.124	0.0200	mg/L		0.132					6.21	20	
Matrix Spike (BH50041-MS1)											*Source sample: 15G1090-01 (WQ073015:1000NP2-6) Prepared: 08/03/2015 Analyzed: 08/04/2015	
Iron - Dissolved	1.12	0.0200	mg/L	1.00	0.132	98.6	75-125					
Reference (BH50041-SRM1)											Prepared: 08/03/2015 Analyzed: 08/04/2015	
Iron - Dissolved	0.500		ug/mL	0.570		87.8	85.1-115.1					
Batch BH50042 - EPA 200.7												
Blank (BH50042-BLK1)											Prepared: 08/03/2015 Analyzed: 08/04/2015	
Iron	ND	0.0200	mg/L									
Reference (BH50042-SRM1)											Prepared: 08/03/2015 Analyzed: 08/04/2015	
Iron	0.601		ug/mL	0.570		105	85.1-115.1					



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

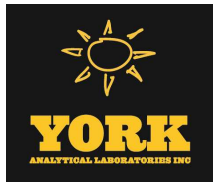
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH50114 - % Solids Prep

Blank (BH50114-BLK1)

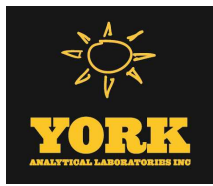
Prepared & Analyzed: 08/04/2015

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

Lab ID	Client Sample ID	Volatile Sample Container
15G1090-01	WQ073015:1000NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G1090-02	WQ073015:1010NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G1091-01	WQ073015:1020NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

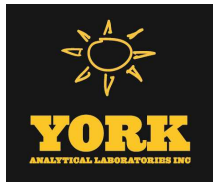
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-LSRD	Original sample conc <50 X reporting limit.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
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).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

*	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.

Page 1 of 1

York Project No. 1561091

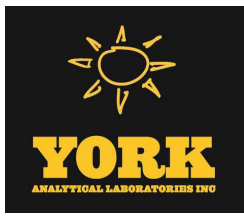
YOUR INFORMATION Company: <u>LB&E</u> Address: <u>4 Research Dr Suite 301</u> <u>Shelton, CT 06484</u> Phone No. <u>203-929-8555</u> Contact Person: <u>Tunde Sandor</u> E-Mail Address: <u>Tsandor@lb&e.com</u>		Report To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR PROJECT ID Metals: _____ Misc. Org: _____ Full Lists: _____ Misc: _____		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report <input checked="" type="checkbox"/> <u>pdf</u> Summary w/ QA Summary <input checked="" type="checkbox"/> <u>pdf</u> CT RCP Package CT RCP DOA/DUE Pkg NY ASP A Package NY ASP B Package <u>NY 2-10 only</u> <u>pdf</u> NJ DEP Red. Deliv. Electronic Data Deliverables (EDD) Simple Excel <input checked="" type="checkbox"/> X NY SDEC EQUIS EQUIS (std) EZ-EDD (EQUIS) NJ DEP SRP HazSite EDD GIS/KEY (std) Other _____ York Regulatory Comparison Excel Spreadsheet Compare to the following (eggs, please fill in): _____	
Matrix Codes S - soil Other - specify (e.g. we) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles B260 Full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		Semi-Volts 8082 PCB 808 IPest B15 Herb CT RCP App. IX TAGM list Site Spec. SLP or TCLP TCLP list NIDEP list App. IX SLP or TCLP 608 Pest SLP or TCLP 608 PCB		Metals RCRAS PFI list TAL NY 310-13 Full App. IX Air TO14A Air TO15 Air STARS Air VPH Air TICs Chlordane Inhib. Metals LIST Below Halobip.		Misc. Full Poll. TPH DRO TAL WACN Full App. IX Par 360 Pestic Par 360 Resid TOX Par 360 Pestic BTU/ft. Par 360 Pestic Aquatic Tox NY DEP Sewer TOC NY SDEC Sewer Absobes TAGM Slices		Container Description(s) <u>Mixed</u> <u>↓</u>	
Choose Analyses Needed from the Menu Above and Enter Below											
Sample Identification <u>W0073015: 1000 NP2-6</u> <u>W0073015: 1010 NP2-7</u> <u>W0073015: 1020 NP2-10</u>		Date Sampled <u>7-30-15</u> <u>↓</u>		Sample Matrix <u>GW</u> <u>GW</u> <u>GW</u>		Fe by EPA 800-FIFe, Dissolved by EPA 6010 (SW 846-6010B) / Vols 8260 List (EPA SW 845-8260B) plus from #3 Fe by EPA 800-FIFe, Dissolved by EPA 6010 (SW 846-6010B) / Vols 8260 List (EPA SW 845-8260B) plus from #3 (TDS (SH 2540c))		Comments <u>Chronic 7-31-15 13:40</u>			
Preservation Check (use applicable) Special Instructions Field Filled <input type="checkbox"/> Lab-to-Filler <input type="checkbox"/>		4°C <input type="checkbox"/> Frozen <input type="checkbox"/> HCl <input type="checkbox"/> MeOH <input type="checkbox"/> Zn/Ac <input type="checkbox"/> Ascorbic Acid <input type="checkbox"/>		Samples Relinquished By <u>[Signature]</u> 7/31/15 1000 Date/Time		Samples Received By <u>[Signature]</u> 7/31-15 1800 Date/Time		Samples Relinquished By _____ Date/Time _____ Samples Received in LAB by _____ Date/Time _____		Temperature on Receipt <u>34°C</u>	

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

[Signature]
 Samples Collected/Authorized By (Signature)
Fuan Foster
 Name (printed)

(system)

APPENDIX II
JULY 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: 07/13/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15G0146

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 07/13/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15G0146

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 July 02, 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>
15G0146-01	WQ070115: 1000 FRW-1	Water	07/01/2015	07/02/2015
15G0146-02	WQ070115: 1005 FRW-2	Water	07/01/2015	07/02/2015
15G0146-03	WQ070115: 1010 FRW-3	Water	07/01/2015	07/02/2015
15G0146-04	WQ070115: 1015 FRW-4	Water	07/01/2015	07/02/2015

General Notes for York Project (SDG) No.: 15G0146

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.

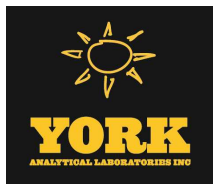
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 07/13/2015





Sample Information

Client Sample ID: WQ070115: 1000 FRW-1

York Sample ID: 15G0146-01

<u>York Project (SDG) No.</u> 15G0146	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 1, 2015 10:00 am	<u>Date Received</u> 07/02/2015
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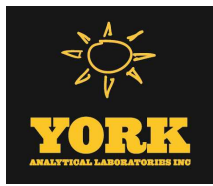
Volatile Organics, 8260 List - Low Level

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	07/10/2015 15:41	07/10/2015 21:05	SS
71-55-6	1,1,1-Trichloroethane	0.37	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	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	07/10/2015 15:41	07/10/2015 21:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
87-61-6	1,2,3-Trichlorobenzene	0.39	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
120-82-1	1,2,4-Trichlorobenzene	0.24	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS



Sample Information

Client Sample ID: WQ070115: 1000 FRW-1

York Sample ID: 15G0146-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0146

Rowe Industries

Water

July 1, 2015 10:00 am

07/02/2015

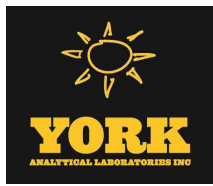
Volatile Organics, 8260 List - Low Level

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
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
67-64-1	Acetone	9.8		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
74-87-3	Chloromethane	0.60		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
156-59-2	cis-1,2-Dichloroethylene	1.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
87-68-3	Hexachlorobutadiene	0.32	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS



Sample Information

Client Sample ID: WQ070115: 1000 FRW-1

York Sample ID: 15G0146-01

<u>York Project (SDG) No.</u> 15G0146	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 1, 2015 10:00 am	<u>Date Received</u> 07/02/2015
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Volatile Organics, 8260 List - Low Level

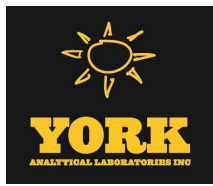
Log-in Notes:

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/10/2015 15:41	07/10/2015 21:05	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/10/2015 15:41	07/10/2015 21:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
127-18-4	Tetrachloroethylene	37		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
79-01-6	Trichloroethylene	1.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/10/2015 15:41	07/10/2015 21:05	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	69-130
2037-26-5	Surrogate: Toluene-d8	105 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	97.7 %	79-122



Sample Information

Client Sample ID: WQ070115: 1005 FRW-2

York Sample ID: 15G0146-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0146

Rowe Industries

Water

July 1, 2015 10:05 am

07/02/2015

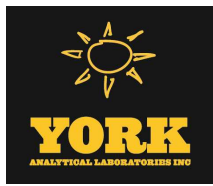
Volatile Organics, 8260 List - Low Level

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	07/10/2015 15:41	07/10/2015 21:38	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	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	07/10/2015 15:41	07/10/2015 21:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
87-61-6	1,2,3-Trichlorobenzene	0.33	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
120-82-1	1,2,4-Trichlorobenzene	0.21	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS



Sample Information

Client Sample ID: WQ070115: 1005 FRW-2

York Sample ID: 15G0146-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0146

Rowe Industries

Water

July 1, 2015 10:05 am

07/02/2015

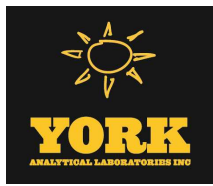
Volatile Organics, 8260 List - Low Level

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	07/10/2015 15:41	07/10/2015 21:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
67-64-1	Acetone	9.8		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
74-87-3	Chloromethane	0.57		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS



Sample Information

Client Sample ID: WQ070115: 1005 FRW-2

York Sample ID: 15G0146-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0146

Rowe Industries

Water

July 1, 2015 10:05 am

07/02/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/10/2015 15:41	07/10/2015 21:38	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/10/2015 15:41	07/10/2015 21:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
127-18-4	Tetrachloroethylene	24		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
79-01-6	Trichloroethylene	0.83		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/10/2015 15:41	07/10/2015 21:38	SS

Surrogate Recoveries

Result

Acceptance Range

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

103 %

69-130

2037-26-5 Surrogate: Toluene-d8

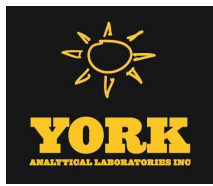
105 %

81-117

460-00-4 Surrogate: p-Bromofluorobenzene

100 %

79-122



Sample Information

Client Sample ID: WQ070115: 1010 FRW-3

York Sample ID: 15G0146-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0146

Rowe Industries

Water

July 1, 2015 10:10 am

07/02/2015

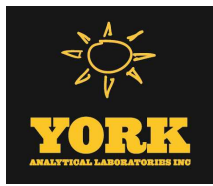
Volatile Organics, 8260 List - Low Level

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	07/10/2015 15:41	07/10/2015 22:11	SS
71-55-6	1,1,1-Trichloroethane	0.23	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	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	07/10/2015 15:41	07/10/2015 22:11	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS



Sample Information

Client Sample ID: WQ070115: 1010 FRW-3

York Sample ID: 15G0146-03

<u>York Project (SDG) No.</u> 15G0146	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 1, 2015 10:10 am	<u>Date Received</u> 07/02/2015
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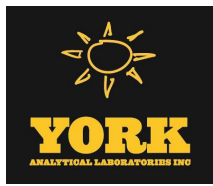
Volatile Organics, 8260 List - Low Level

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
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
67-64-1	Acetone	4.9		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
156-59-2	cis-1,2-Dichloroethylene	4.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
98-82-8	Isopropylbenzene	0.43	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS



Sample Information

Client Sample ID: WQ070115: 1010 FRW-3

York Sample ID: 15G0146-03

<u>York Project (SDG) No.</u> 15G0146	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 1, 2015 10:10 am	<u>Date Received</u> 07/02/2015
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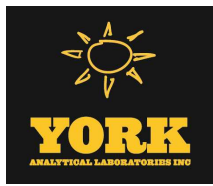
Volatile Organics, 8260 List - Low Level

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
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/10/2015 15:41	07/10/2015 22:11	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/10/2015 15:41	07/10/2015 22:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
127-18-4	Tetrachloroethylene	57		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
79-01-6	Trichloroethylene	4.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/10/2015 15:41	07/10/2015 22:11	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			69-130						
2037-26-5	Surrogate: Toluene-d8	96.8 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	109 %			79-122						



Sample Information

Client Sample ID: WQ070115: 1015 FRW-4

York Sample ID: 15G0146-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0146

Rowe Industries

Water

July 1, 2015 10:15 am

07/02/2015

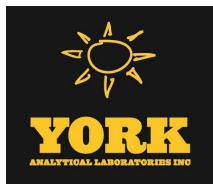
Volatile Organics, 8260 List - Low Level

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	07/10/2015 15:41	07/10/2015 22:45	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	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	07/10/2015 15:41	07/10/2015 22:45	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS



Sample Information

Client Sample ID: WQ070115: 1015 FRW-4

York Sample ID: 15G0146-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0146

Rowe Industries

Water

July 1, 2015 10:15 am

07/02/2015

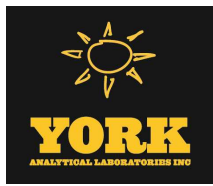
Volatile Organics, 8260 List - Low Level

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	07/10/2015 15:41	07/10/2015 22:45	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
156-59-2	cis-1,2-Dichloroethylene	1.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS



Sample Information

Client Sample ID: WQ070115: 1015 FRW-4

York Sample ID: 15G0146-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0146

Rowe Industries

Water

July 1, 2015 10:15 am

07/02/2015

Volatile Organics, 8260 List - Low Level

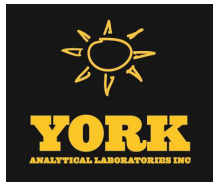
Log-in Notes:

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	07/10/2015 15:41	07/10/2015 22:45	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/10/2015 15:41	07/10/2015 22:45	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/10/2015 15:41	07/10/2015 22:45	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
127-18-4	Tetrachloroethylene	15		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
79-01-6	Trichloroethylene	2.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/10/2015 15:41	07/10/2015 22:45	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	69-130
2037-26-5	Surrogate: Toluene-d8	96.5 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	108 %	79-122



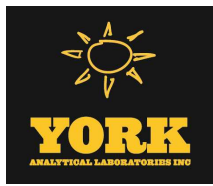
Analytical Batch Summary

Batch ID: BG50514

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15G0146-01	WQ070115: 1000 FRW-1	07/10/15
15G0146-02	WQ070115: 1005 FRW-2	07/10/15
15G0146-03	WQ070115: 1010 FRW-3	07/10/15
15G0146-04	WQ070115: 1015 FRW-4	07/10/15
BG50514-BLK1	Blank	07/10/15
BG50514-BS1	LCS	07/10/15
BG50514-BSD1	LCS Dup	07/10/15



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 BG50514 - EPA 5030B

Blank (BG50514-BLK1)

Prepared & Analyzed: 07/10/2015

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	0.37	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.23	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.6	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	0.40	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 BG50514 - EPA 5030B

Blank (BG50514-BLK1)

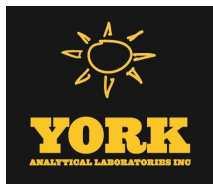
Prepared & Analyzed: 07/10/2015

p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</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>9.84</i>		<i>"</i>	<i>10.0</i>		<i>98.4</i>		<i>79-122</i>			

LCS (BG50514-BS1)

Prepared & Analyzed: 07/10/2015

1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104		82-126			
1,1,1-Trichloroethane	10.5		"	10.0		105		78-136			
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102		76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105		54-165			
1,1,2-Trichloroethane	10.7		"	10.0		107		82-123			
1,1-Dichloroethane	10.6		"	10.0		106		82-129			
1,1-Dichloroethylene	10.7		"	10.0		107		68-138			
1,1-Dichloropropylene	10.5		"	10.0		105		83-133			
1,2,3-Trichlorobenzene	10.3		"	10.0		103		76-136			
1,2,3-Trichloropropane	10.1		"	10.0		101		77-128			
1,2,4-Trichlorobenzene	9.90		"	10.0		99.0		76-137			
1,2,4-Trimethylbenzene	11.1		"	10.0		111		82-132			
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100		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	10.4		"	10.0		104		73-132			
1,2-Dichloropropane	10.2		"	10.0		102		78-126			
1,3,5-Trimethylbenzene	11.3		"	10.0		113		80-131			
1,3-Dichlorobenzene	10.8		"	10.0		108		86-122			
1,3-Dichloropropane	10.8		"	10.0		108		81-125			
1,4-Dichlorobenzene	10.8		"	10.0		108		85-124			
2,2-Dichloropropane	10.5		"	10.0		105		56-150			
2-Chlorotoluene	11.1		"	10.0		111		79-130			
2-Hexanone	10.1		"	10.0		101		51-146			
4-Chlorotoluene	11.2		"	10.0		112		79-128			
Acetone	9.67		"	10.0		96.7		14-150			
Benzene	10.6		"	10.0		106		85-126			
Bromobenzene	10.4		"	10.0		104		78-129			
Bromochloromethane	10.6		"	10.0		106		77-128			
Bromodichloromethane	10.3		"	10.0		103		79-128			
Bromoform	9.56		"	10.0		95.6		78-133			
Bromomethane	14.9		"	10.0		149		43-168			
Carbon tetrachloride	10.6		"	10.0		106		77-141			
Chlorobenzene	10.8		"	10.0		108		88-120			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

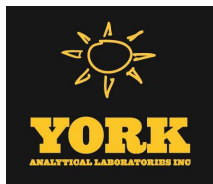
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG50514 - EPA 5030B

LCS (BG50514-BS1)

Prepared & Analyzed: 07/10/2015

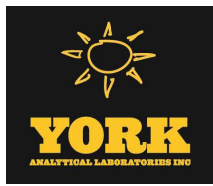
Chloroethane	10.1		ug/L	10.0		101	65-136				
Chloroform	10.4		"	10.0		104	82-128				
Chloromethane	10.3		"	10.0		103	43-155				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129				
cis-1,3-Dichloropropylene	10.7		"	10.0		107	80-131				
Dibromochloromethane	10.6		"	10.0		106	80-130				
Dibromomethane	10.2		"	10.0		102	72-134				
Dichlorodifluoromethane	10.8		"	10.0		108	44-144				
Ethyl Benzene	11.0		"	10.0		110	80-131				
Hexachlorobutadiene	9.94		"	10.0		99.4	67-146				
Isopropylbenzene	11.4		"	10.0		114	76-140				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	76-135				
Methylene chloride	10.0		"	10.0		100	55-137				
Naphthalene	9.69		"	10.0		96.9	70-147				
n-Butylbenzene	11.0		"	10.0		110	79-132				
n-Propylbenzene	11.2		"	10.0		112	78-133				
o-Xylene	11.0		"	10.0		110	78-130				
p- & m- Xylenes	22.5		"	20.0		113	77-133				
p-Isopropyltoluene	11.2		"	10.0		112	81-136				
sec-Butylbenzene	11.2		"	10.0		112	79-137				
Styrene	10.9		"	10.0		109	67-132				
tert-Butylbenzene	11.0		"	10.0		110	77-138				
Tetrachloroethylene	11.2		"	10.0		112	82-131				
Toluene	11.3		"	10.0		113	80-127				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	11.2		"	10.0		112	78-131				
Trichloroethylene	10.2		"	10.0		102	82-128				
Trichlorofluoromethane	10.5		"	10.0		105	67-139				
Vinyl Chloride	10.7		"	10.0		107	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.79</i>		<i>"</i>	<i>10.0</i>		<i>97.9</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>79-122</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50514 - EPA 5030B											
LCS Dup (BG50514-BSD1)											
Prepared & Analyzed: 07/10/2015											
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126		2.00	30	
1,1,1-Trichloroethane	10.7		"	10.0		107	78-136		1.79	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129		3.57	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0		111	54-165		5.55	30	
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123		0.0932	30	
1,1-Dichloroethane	10.8		"	10.0		108	82-129		1.86	30	
1,1-Dichloroethylene	11.0		"	10.0		110	68-138		2.77	30	
1,1-Dichloropropylene	10.9		"	10.0		109	83-133		3.64	30	
1,2,3-Trichlorobenzene	10.4		"	10.0		104	76-136		0.966	30	
1,2,3-Trichloropropane	9.95		"	10.0		99.5	77-128		1.89	30	
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-137		2.69	30	
1,2,4-Trimethylbenzene	11.1		"	10.0		111	82-132		0.270	30	
1,2-Dibromo-3-chloropropane	9.87		"	10.0		98.7	45-147		1.71	30	
1,2-Dibromoethane	11.0		"	10.0		110	83-124		4.63	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		1.34	30	
1,2-Dichloroethane	10.5		"	10.0		105	73-132		1.34	30	
1,2-Dichloropropane	11.3		"	10.0		113	78-126		9.68	30	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131		6.04	30	
1,3-Dichlorobenzene	10.8		"	10.0		108	86-122		0.186	30	
1,3-Dichloropropane	11.1		"	10.0		111	81-125		2.46	30	
1,4-Dichlorobenzene	10.8		"	10.0		108	85-124		0.0925	30	
2,2-Dichloropropane	10.7		"	10.0		107	56-150		1.79	30	
2-Chlorotoluene	11.0		"	10.0		110	79-130		0.271	30	
2-Hexanone	9.98		"	10.0		99.8	51-146		0.997	30	
4-Chlorotoluene	11.3		"	10.0		113	79-128		0.178	30	
Acetone	8.92		"	10.0		89.2	14-150		8.07	30	
Benzene	10.8		"	10.0		108	85-126		2.15	30	
Bromobenzene	10.5		"	10.0		105	78-129		1.06	30	
Bromochloromethane	10.9		"	10.0		109	77-128		2.87	30	
Bromodichloromethane	11.0		"	10.0		110	79-128		6.46	30	
Bromoform	10.3		"	10.0		103	78-133		7.74	30	
Bromomethane	14.3		"	10.0		143	43-168		3.83	30	
Carbon tetrachloride	11.0		"	10.0		110	77-141		3.42	30	
Chlorobenzene	10.8		"	10.0		108	88-120		0.464	30	
Chloroethane	10.4		"	10.0		104	65-136		2.25	30	
Chloroform	10.8		"	10.0		108	82-128		3.11	30	
Chloromethane	10.4		"	10.0		104	43-155		1.35	30	
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129		1.79	30	
cis-1,3-Dichloropropylene	11.6		"	10.0		116	80-131		8.08	30	
Dibromochloromethane	10.8		"	10.0		108	80-130		2.34	30	
Dibromomethane	11.0		"	10.0		110	72-134		7.25	30	
Dichlorodifluoromethane	11.4		"	10.0		114	44-144		4.78	30	
Ethyl Benzene	11.2		"	10.0		112	80-131		1.71	30	
Hexachlorobutadiene	9.99		"	10.0		99.9	67-146		0.502	30	
Isopropylbenzene	11.3		"	10.0		113	76-140		0.707	30	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135		3.58	30	
Methylene chloride	10.3		"	10.0		103	55-137		3.14	30	
Naphthalene	10.0		"	10.0		100	70-147		3.65	30	
n-Butylbenzene	11.1		"	10.0		111	79-132		0.725	30	
n-Propylbenzene	11.3		"	10.0		113	78-133		0.532	30	
o-Xylene	11.4		"	10.0		114	78-130		4.28	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

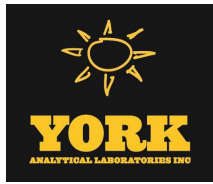
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG50514 - EPA 5030B

LCS Dup (BG50514-BSD1)

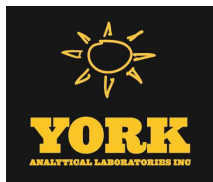
Prepared & Analyzed: 07/10/2015

p- & m- Xylenes	23.4		ug/L	20.0		117	77-133		4.01	30	
p-Isopropyltoluene	11.3		"	10.0		113	81-136		0.624	30	
sec-Butylbenzene	11.3		"	10.0		113	79-137		0.712	30	
Styrene	11.5		"	10.0		115	67-132		5.27	30	
tert-Butylbenzene	11.0		"	10.0		110	77-138		0.545	30	
Tetrachloroethylene	11.3		"	10.0		113	82-131		0.976	30	
Toluene	11.5		"	10.0		115	80-127		1.58	30	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132		2.56	30	
trans-1,3-Dichloropropylene	11.6		"	10.0		116	78-131		3.69	30	
Trichloroethylene	11.3		"	10.0		113	82-128		10.3	30	
Trichlorofluoromethane	11.0		"	10.0		110	67-139		4.65	30	
Vinyl Chloride	11.0		"	10.0		110	58-145		2.76	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>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</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>				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15G0146-01	WQ070115: 1000 FRW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0146-02	WQ070115: 1005 FRW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0146-03	WQ070115: 1010 FRW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0146-04	WQ070115: 1015 FRW-4	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.

1560146

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. _____

YOUR Information		Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: <u>LBE</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 <input checked="" type="checkbox"/> pdf
Address: <u>4 Research Dr, Suite 301</u>	Address: _____	Address: _____	Address: _____		RUSH - Next Day <input type="checkbox"/>	Summary w/ QA Summary <input checked="" type="checkbox"/> pdf
Address: <u>Shelton, CT 06484</u>	Address: _____	Address: _____	Address: _____		RUSH - Two Day <input type="checkbox"/>	CT RCP Package _____
Phone No. <u>203-929-8555</u>	Phone No. _____	Phone No. _____	Phone No. _____		RUSH - Three Day <input type="checkbox"/>	CTRCP DQA/DUE Pkg _____
Contact Person: <u>Tunde Sandor</u>	Attention: _____	Attention: _____	Attention: _____	Purchase Order No.	RUSH - Four Day <input type="checkbox"/>	NY ASP A Package _____
E-Mail Address: <u>TSandor@LBECT.com</u>	E-Mail Address: _____	E-Mail Address: _____	E-Mail Address: _____	<u>HABSAG</u>		NY ASP B Package <input checked="" type="checkbox"/> pdf
				Samples from: CT _____ NY <input checked="" type="checkbox"/> NJ _____	Standard(5-7 Days) <input checked="" 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.

Evan Foster
Samples Collected/Authorized By (Signature)

Evan Foster
Name (printed)

Matrix Codes	Volatiles	Semi-Vols	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
S - soil	8260 full TICs	8270 or 625	8082PCB	KCRAS	TPH GRO	Pri. Poll	Corrosivity
Other - specify (oil, etc.)	624 Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
WW - wastewater	STARS list Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/UV	Ignitability
GW - groundwater	BTEX Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
DW - drinking water	MTBE Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
Air-A - ambient air	TCL list Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360 Routine	Heterotrophs
Air-SV - soil vapor	TAGM list TCLP list	CT RCP list	SPLP/TCLP	Total	Air TO15	Part 360 Baseline	TOX
	CT RCP list 524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360 Compliance	BTU/Th
	Arom. only 502.2	NJDEP list	TCLP Herb	SPLP/TCLP	Air VPH	Part 360 Compliance	Aquatic Tox.
	Halog. only NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
	App. IX list SPLP/TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYCDEP Sewer	Asbestos
	8021B list	SPLP/TCLP	608 PCB	Helium	TAGM	Silica	

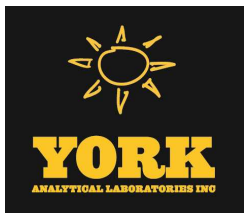
Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
<u>WQ070115: 10:00 FRW-1</u>	<u>7-1-15</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B) plus from 113</u>	<u>VOC's</u>
<u>WQ070115: 10:05 FRW-2</u>	↓		"	↓
<u>WQ070115: 10:10 FRW-3</u>	↓		"	↓
<u>WQ070115: 10:15 FRW-4</u>	↓		"	↓

Comments	Preservation	4°C	Frozen	HCl	MeOH	HNO ₃	H ₂ SO ₄	NaOH
	Check those Applicable			ZnAc	Ascorbic Acid	Other		
	Special Instructions	<u>7/2/15 1100</u>		<u>LBE Fridge</u>		<u>7/2/15 1100</u>		Temperature on Receipt
Field Filtered <input type="checkbox"/>	Samples Relinquished By	Date/Time	Samples Received By	Date/Time				3.3 °C
Lab to Filter <input type="checkbox"/>	Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time				

Rec'd 1/4 7/2/15 16305

1725

(RW & FRW)



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 204

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 07/23/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15G0646

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 07/23/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15G0646

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 July 17, 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>
15G0646-01	GWQ071515: 1150NP1-1-2	Water	07/15/2015	07/17/2015

General Notes for York Project (SDG) No.: 15G0646

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.

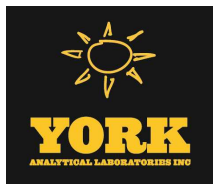
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 07/23/2015





Sample Information

Client Sample ID: GWQ071515: 1150NP1-1-2

York Sample ID: 15G0646-01

<u>York Project (SDG) No.</u> 15G0646	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 12:15 am	<u>Date Received</u> 07/17/2015
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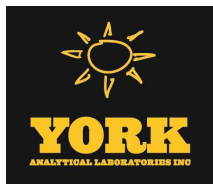
Volatile Organics, 8260 List - Low Level

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	07/22/2015 08:25	07/22/2015 17:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS



Sample Information

Client Sample ID: GWQ071515: 1150NP1-1-2

York Sample ID: 15G0646-01

<u>York Project (SDG) No.</u> 15G0646	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 15, 2015 12:15 am	<u>Date Received</u> 07/17/2015
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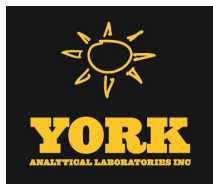
Volatile Organics, 8260 List - Low Level

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
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS



Sample Information

Client Sample ID: GWQ071515: 1150NP1-1-2

York Sample ID: 15G0646-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0646

Rowe Industries

Water

July 15, 2015 12:15 am

07/17/2015

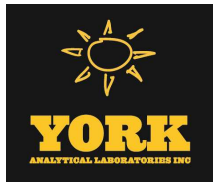
Volatile Organics, 8260 List - Low Level

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	07/22/2015 08:25	07/22/2015 17:40	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/22/2015 08:25	07/22/2015 17:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/22/2015 08:25	07/22/2015 17:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
127-18-4	Tetrachloroethylene	0.40	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
79-01-6	Trichloroethylene	0.26	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	07/22/2015 08:25	07/22/2015 17:40	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.2 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	79-122								



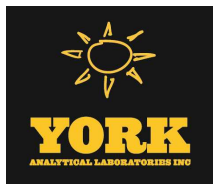
Analytical Batch Summary

Batch ID: BG51113

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15G0646-01	GWQ071515: 1150NP1-1-2	07/22/15
BG51113-BLK1	Blank	07/22/15
BG51113-BS1	LCS	07/22/15
BG51113-BSD1	LCS Dup	07/22/15



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

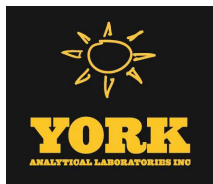
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG51113 - EPA 5030B

Blank (BG51113-BLK1)

Prepared & Analyzed: 07/22/2015

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	0.34	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	1.8	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BG51113 - EPA 5030B

Blank (BG51113-BLK1)

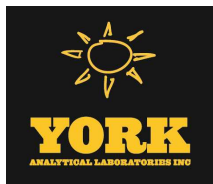
Prepared & Analyzed: 07/22/2015

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>	<i>9.11</i>		<i>"</i>	<i>10.0</i>		<i>91.1</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.89</i>		<i>"</i>	<i>10.0</i>		<i>98.9</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>79-122</i>				

LCS (BG51113-BS1)

Prepared & Analyzed: 07/22/2015

1,1,1,2-Tetrachloroethane	9.58		ug/L	10.0		95.8	82-126				
1,1,1-Trichloroethane	9.40		"	10.0		94.0	78-136				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.80		"	10.0		98.0	54-165				
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123				
1,1-Dichloroethane	10.4		"	10.0		104	82-129				
1,1-Dichloroethylene	9.35		"	10.0		93.5	68-138				
1,1-Dichloropropylene	9.90		"	10.0		99.0	83-133				
1,2,3-Trichlorobenzene	10.1		"	10.0		101	76-136				
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	76-137				
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132				
1,2-Dibromo-3-chloropropane	9.25		"	10.0		92.5	45-147				
1,2-Dibromoethane	9.74		"	10.0		97.4	83-124				
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123				
1,2-Dichloroethane	9.18		"	10.0		91.8	73-132				
1,2-Dichloropropane	10.1		"	10.0		101	78-126				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131				
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122				
1,3-Dichloropropane	9.89		"	10.0		98.9	81-125				
1,4-Dichlorobenzene	10.5		"	10.0		105	85-124				
2,2-Dichloropropane	9.95		"	10.0		99.5	56-150				
2-Chlorotoluene	10.6		"	10.0		106	79-130				
2-Hexanone	9.34		"	10.0		93.4	51-146				
4-Chlorotoluene	10.6		"	10.0		106	79-128				
Acetone	8.55		"	10.0		85.5	14-150				
Benzene	10.4		"	10.0		104	85-126				
Bromobenzene	10.4		"	10.0		104	78-129				
Bromochloromethane	10.2		"	10.0		102	77-128				
Bromodichloromethane	9.35		"	10.0		93.5	79-128				
Bromoform	8.94		"	10.0		89.4	78-133				
Bromomethane	12.9		"	10.0		129	43-168				
Carbon tetrachloride	9.21		"	10.0		92.1	77-141				
Chlorobenzene	10.1		"	10.0		101	88-120				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

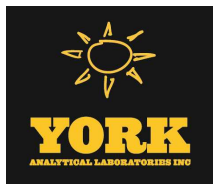
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG51113 - EPA 5030B

LCS (BG51113-BS1)

Prepared & Analyzed: 07/22/2015

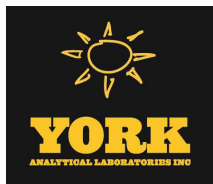
Chloroethane	9.90		ug/L	10.0		99.0	65-136				
Chloroform	9.67		"	10.0		96.7	82-128				
Chloromethane	9.40		"	10.0		94.0	43-155				
cis-1,2-Dichloroethylene	10.0		"	10.0		100	83-129				
cis-1,3-Dichloropropylene	9.70		"	10.0		97.0	80-131				
Dibromochloromethane	9.47		"	10.0		94.7	80-130				
Dibromomethane	9.59		"	10.0		95.9	72-134				
Dichlorodifluoromethane	7.50		"	10.0		75.0	44-144				
Ethyl Benzene	10.4		"	10.0		104	80-131				
Hexachlorobutadiene	9.53		"	10.0		95.3	67-146				
Isopropylbenzene	11.3		"	10.0		113	76-140				
Methyl tert-butyl ether (MTBE)	9.93		"	10.0		99.3	76-135				
Methylene chloride	9.42		"	10.0		94.2	55-137				
Naphthalene	10.5		"	10.0		105	70-147				
n-Butylbenzene	10.6		"	10.0		106	79-132				
n-Propylbenzene	11.0		"	10.0		110	78-133				
o-Xylene	10.2		"	10.0		102	78-130				
p- & m- Xylenes	20.5		"	20.0		102	77-133				
p-Isopropyltoluene	10.9		"	10.0		109	81-136				
sec-Butylbenzene	10.9		"	10.0		109	79-137				
Styrene	11.2		"	10.0		112	67-132				
tert-Butylbenzene	10.9		"	10.0		109	77-138				
Tetrachloroethylene	9.78		"	10.0		97.8	82-131				
Toluene	10.0		"	10.0		100	80-127				
trans-1,2-Dichloroethylene	9.89		"	10.0		98.9	80-132				
trans-1,3-Dichloropropylene	9.07		"	10.0		90.7	78-131				
Trichloroethylene	9.83		"	10.0		98.3	82-128				
Trichlorofluoromethane	9.00		"	10.0		90.0	67-139				
Vinyl Chloride	9.58		"	10.0		95.8	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.20</i>		<i>"</i>	<i>10.0</i>		<i>92.0</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.74</i>		<i>"</i>	<i>10.0</i>		<i>97.4</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>				



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 BG51113 - EPA 5030B											
LCS Dup (BG51113-BSD1)											
Prepared & Analyzed: 07/22/2015											
1,1,1,2-Tetrachloroethane	9.80		ug/L	10.0		98.0	82-126		2.27	30	
1,1,1-Trichloroethane	9.44		"	10.0		94.4	78-136		0.425	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		2.60	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.84		"	10.0		98.4	54-165		0.407	30	
1,1,2-Trichloroethane	10.4		"	10.0		104	82-123		3.52	30	
1,1-Dichloroethane	10.3		"	10.0		103	82-129		0.0967	30	
1,1-Dichloroethylene	9.50		"	10.0		95.0	68-138		1.59	30	
1,1-Dichloropropylene	10.0		"	10.0		100	83-133		1.40	30	
1,2,3-Trichlorobenzene	10.2		"	10.0		102	76-136		0.492	30	
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128		1.58	30	
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-137		1.55	30	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	82-132		2.64	30	
1,2-Dibromo-3-chloropropane	9.15		"	10.0		91.5	45-147		1.09	30	
1,2-Dibromoethane	10.1		"	10.0		101	83-124		3.53	30	
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123		1.38	30	
1,2-Dichloroethane	9.31		"	10.0		93.1	73-132		1.41	30	
1,2-Dichloropropane	9.96		"	10.0		99.6	78-126		1.69	30	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131		1.87	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122		1.85	30	
1,3-Dichloropropane	10.3		"	10.0		103	81-125		3.77	30	
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124		1.92	30	
2,2-Dichloropropane	9.93		"	10.0		99.3	56-150		0.201	30	
2-Chlorotoluene	10.2		"	10.0		102	79-130		4.03	30	
2-Hexanone	9.72		"	10.0		97.2	51-146		3.99	30	
4-Chlorotoluene	10.3		"	10.0		103	79-128		2.78	30	
Acetone	8.19		"	10.0		81.9	14-150		4.30	30	
Benzene	10.3		"	10.0		103	85-126		1.35	30	
Bromobenzene	10.2		"	10.0		102	78-129		1.94	30	
Bromochloromethane	10.2		"	10.0		102	77-128		0.0983	30	
Bromodichloromethane	9.43		"	10.0		94.3	79-128		0.852	30	
Bromoform	9.30		"	10.0		93.0	78-133		3.95	30	
Bromomethane	12.8		"	10.0		128	43-168		0.700	30	
Carbon tetrachloride	9.28		"	10.0		92.8	77-141		0.757	30	
Chlorobenzene	10.2		"	10.0		102	88-120		0.790	30	
Chloroethane	9.98		"	10.0		99.8	65-136		0.805	30	
Chloroform	9.84		"	10.0		98.4	82-128		1.74	30	
Chloromethane	9.72		"	10.0		97.2	43-155		3.35	30	
cis-1,2-Dichloroethylene	9.99		"	10.0		99.9	83-129		0.300	30	
cis-1,3-Dichloropropylene	9.48		"	10.0		94.8	80-131		2.29	30	
Dibromochloromethane	9.78		"	10.0		97.8	80-130		3.22	30	
Dibromomethane	9.57		"	10.0		95.7	72-134		0.209	30	
Dichlorodifluoromethane	7.61		"	10.0		76.1	44-144		1.46	30	
Ethyl Benzene	10.4		"	10.0		104	80-131		0.289	30	
Hexachlorobutadiene	9.81		"	10.0		98.1	67-146		2.90	30	
Isopropylbenzene	11.0		"	10.0		110	76-140		2.15	30	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135		1.40	30	
Methylene chloride	9.45		"	10.0		94.5	55-137		0.318	30	
Naphthalene	10.5		"	10.0		105	70-147		0.0953	30	
n-Butylbenzene	10.5		"	10.0		105	79-132		1.42	30	
n-Propylbenzene	10.8		"	10.0		108	78-133		2.57	30	
o-Xylene	10.4		"	10.0		104	78-130		1.36	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

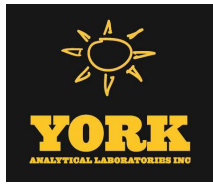
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG51113 - EPA 5030B

LCS Dup (BG51113-BSD1)

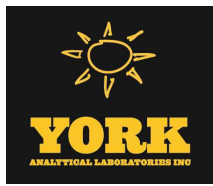
Prepared & Analyzed: 07/22/2015

p- & m- Xylenes	20.8		ug/L	20.0		104	77-133		1.50	30	
p-Isopropyltoluene	10.7		"	10.0		107	81-136		1.39	30	
sec-Butylbenzene	10.8		"	10.0		108	79-137		0.739	30	
Styrene	11.4		"	10.0		114	67-132		1.15	30	
tert-Butylbenzene	10.7		"	10.0		107	77-138		1.39	30	
Tetrachloroethylene	10.2		"	10.0		102	82-131		4.69	30	
Toluene	10.2		"	10.0		102	80-127		1.39	30	
trans-1,2-Dichloroethylene	9.91		"	10.0		99.1	80-132		0.202	30	
trans-1,3-Dichloropropylene	9.37		"	10.0		93.7	78-131		3.25	30	
Trichloroethylene	9.58		"	10.0		95.8	82-128		2.58	30	
Trichlorofluoromethane	9.24		"	10.0		92.4	67-139		2.63	30	
Vinyl Chloride	9.54		"	10.0		95.4	58-145		0.418	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.31</i>		<i>"</i>	<i>10.0</i>		<i>93.1</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.73</i>		<i>"</i>	<i>10.0</i>		<i>97.3</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>79-122</i>				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15G0646-01	GWQ071515: 1150NP1-1-2	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.

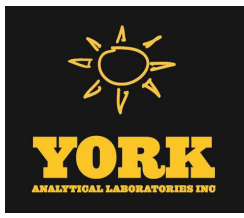
2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

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.

APPENDIX III
JULY 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: 07/23/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15G0644

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 07/23/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15G0644

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 July 17, 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>
15G0644-01	AQ071515:1130 NP4-1	Vapor Extraction	07/15/2015	07/17/2015
15G0644-02	AQ071515:1135 NP4-2	Vapor Extraction	07/15/2015	07/17/2015
15G0644-03	AQ071515:1140 NP4-3	Vapor Extraction	07/15/2015	07/17/2015

General Notes for York Project (SDG) No.: 15G0644

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: 07/23/2015





Sample Information

Client Sample ID: AQ071515:1130 NP4-1

York Sample ID: 15G0644-01

<u>York Project (SDG) No.</u> 15G0644	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Vapor Extraction	<u>Collection Date/Time</u> July 15, 2015 3:00 pm	<u>Date Received</u> 07/17/2015
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Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.74	1.5	2.145	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 03:39	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	1.2	1.2	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	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	07/22/2015 09:12	07/23/2015 03:39	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	07/22/2015 09:12	07/23/2015 03:39	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	07/22/2015 09:12	07/23/2015 03:39	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.87	0.87	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.85	0.85	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	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	07/22/2015 09:12	07/23/2015 03:39	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	07/22/2015 09:12	07/23/2015 03:39	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.6	1.6	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.3	1.3	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.87	0.87	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.99	0.99	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.5	1.5	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	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	07/22/2015 09:12	07/23/2015 03:39	ALD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.93	0.93	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.3	1.3	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.99	0.99	2.145	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 03:39	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.3	1.3	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.77	0.77	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
78-93-3	2-Butanone	1.1		ug/m ³	0.63	0.63	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
591-78-6	* 2-Hexanone	ND		ug/m ³	1.8	1.8	2.145	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 03:39	ALD
107-05-1	* 3-Chloropropene	ND		ug/m ³	0.67	0.67	2.145	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 03:39	ALD



Sample Information

Client Sample ID: AQ071515:1130 NP4-1

York Sample ID: 15G0644-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0644

Rowe Industries

Vapor Extraction

July 15, 2015 3:00 pm

07/17/2015

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	0.88	0.88	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
67-64-1	Acetone	4.9		ug/m ³	0.51	0.51	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
107-13-1	* Acrylonitrile	ND		ug/m ³	0.47	0.47	2.145	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 03:39	ALD
71-43-2	Benzene	ND		ug/m ³	0.69	0.69	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
100-44-7	Benzyl chloride	ND		ug/m ³	1.1	1.1	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
75-27-4	Bromodichloromethane	ND		ug/m ³	1.3	1.3	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
75-25-2	Bromoform	ND		ug/m ³	2.2	2.2	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
74-83-9	Bromomethane	ND		ug/m ³	0.83	0.83	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
75-15-0	Carbon disulfide	ND		ug/m ³	0.67	0.67	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.34	0.34	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
108-90-7	Chlorobenzene	ND		ug/m ³	0.99	0.99	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
75-00-3	Chloroethane	ND		ug/m ³	0.57	0.57	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
67-66-3	Chloroform	ND		ug/m ³	1.0	1.0	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
74-87-3	Chloromethane	1.8		ug/m ³	0.44	0.44	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.85	0.85	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	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	07/22/2015 09:12	07/23/2015 03:39	ALD
110-82-7	Cyclohexane	ND		ug/m ³	0.74	0.74	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.7	1.7	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
75-71-8	Dichlorodifluoromethane	2.7		ug/m ³	1.1	1.1	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
141-78-6	* Ethyl acetate	ND		ug/m ³	1.5	1.5	2.145	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 03:39	ALD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.93	0.93	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	2.3	2.3	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
67-63-0	Isopropanol	3.2		ug/m ³	1.1	1.1	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD



Sample Information

Client Sample ID: AQ071515:1130 NP4-1

York Sample ID: 15G0644-01

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15G0644

Rowe Industries

Vapor Extraction

July 15, 2015 3:00 pm

07/17/2015

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	0.88	0.88	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.77	0.77	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
75-09-2	Methylene chloride	ND		ug/m ³	1.5	1.5	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
142-82-5	n-Heptane	ND		ug/m ³	0.88	0.88	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
110-54-3	n-Hexane	ND		ug/m ³	0.76	0.76	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
95-47-6	o-Xylene	ND		ug/m ³	0.93	0.93	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.9	1.9	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m ³	1.1	1.1	2.145	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 03:39	ALD
115-07-1	* Propylene	ND		ug/m ³	0.37	0.37	2.145	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 03:39	ALD
100-42-5	Styrene	ND		ug/m ³	0.91	0.91	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.36	0.36	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
109-99-9	* Tetrahydrofuran	1.3		ug/m ³	0.63	0.63	2.145	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 03:39	ALD
108-88-3	Toluene	ND		ug/m ³	0.81	0.81	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	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	07/22/2015 09:12	07/23/2015 03:39	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	07/22/2015 09:12	07/23/2015 03:39	ALD
79-01-6	Trichloroethylene	ND		ug/m ³	0.29	0.29	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	1.6		ug/m ³	1.2	1.2	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
108-05-4	Vinyl acetate	ND		ug/m ³	0.76	0.76	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
593-60-2	Vinyl bromide	ND		ug/m ³	0.94	0.94	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.14	0.14	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 03:39	ALD
	Surrogate Recoveries	Result			Acceptance Range						
460-00-4	Surrogate: p-Bromofluorobenzene	94.3 %			72-118						



Sample Information

Client Sample ID: AQ071515:1135 NP4-2

York Sample ID: 15G0644-02

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

15G0644

Rowe Industries

Vapor Extraction

July 15, 2015 3:00 pm

07/17/2015

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:	07/22/2015 09:12	07/23/2015 04:35	ALD
71-55-6	1,1,1-Trichloroethane	2.3		ug/m ³	1.2	1.2	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	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	07/22/2015 09:12	07/23/2015 04:35	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	07/22/2015 09:12	07/23/2015 04:35	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	07/22/2015 09:12	07/23/2015 04:35	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.87	0.87	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.85	0.85	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	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	07/22/2015 09:12	07/23/2015 04:35	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	07/22/2015 09:12	07/23/2015 04:35	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.6	1.6	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.3	1.3	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.87	0.87	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.99	0.99	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.5	1.5	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	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	07/22/2015 09:12	07/23/2015 04:35	ALD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.93	0.93	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.3	1.3	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.99	0.99	2.145	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 04:35	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.3	1.3	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.77	0.77	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
78-93-3	2-Butanone	0.63		ug/m ³	0.63	0.63	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
591-78-6	* 2-Hexanone	ND		ug/m ³	1.8	1.8	2.145	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 04:35	ALD
107-05-1	* 3-Chloropropene	ND		ug/m ³	0.67	0.67	2.145	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 04:35	ALD



Sample Information

Client Sample ID: AQ071515:1135 NP4-2

York Sample ID: 15G0644-02

York Project (SDG) No.

Client Project ID

Matrix

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15G0644

Rowe Industries

Vapor Extraction

July 15, 2015 3:00 pm

07/17/2015

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	0.88	0.88	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
67-64-1	Acetone	3.3		ug/m ³	0.51	0.51	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
107-13-1	* Acrylonitrile	ND		ug/m ³	0.47	0.47	2.145	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 04:35	ALD
71-43-2	Benzene	ND		ug/m ³	0.69	0.69	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
100-44-7	Benzyl chloride	ND		ug/m ³	1.1	1.1	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
75-27-4	Bromodichloromethane	ND		ug/m ³	1.3	1.3	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
75-25-2	Bromoform	ND		ug/m ³	2.2	2.2	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
74-83-9	Bromomethane	ND		ug/m ³	0.83	0.83	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
75-15-0	Carbon disulfide	ND		ug/m ³	0.67	0.67	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.34	0.34	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
108-90-7	Chlorobenzene	ND		ug/m ³	0.99	0.99	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
75-00-3	Chloroethane	ND		ug/m ³	0.57	0.57	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
67-66-3	Chloroform	ND		ug/m ³	1.0	1.0	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
74-87-3	Chloromethane	2.2		ug/m ³	0.44	0.44	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
156-59-2	cis-1,2-Dichloroethylene	3.7		ug/m ³	0.85	0.85	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	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	07/22/2015 09:12	07/23/2015 04:35	ALD
110-82-7	Cyclohexane	ND		ug/m ³	0.74	0.74	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.7	1.7	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
75-71-8	Dichlorodifluoromethane	3.7		ug/m ³	1.1	1.1	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
141-78-6	* Ethyl acetate	ND		ug/m ³	1.5	1.5	2.145	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 04:35	ALD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.93	0.93	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	2.3	2.3	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
67-63-0	Isopropanol	ND		ug/m ³	1.1	1.1	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD



Sample Information

Client Sample ID: AQ071515:1135 NP4-2

York Sample ID: 15G0644-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0644

Rowe Industries

Vapor Extraction

July 15, 2015 3:00 pm

07/17/2015

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	0.88	0.88	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.77	0.77	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
75-09-2	Methylene chloride	ND		ug/m ³	1.5	1.5	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
142-82-5	n-Heptane	ND		ug/m ³	0.88	0.88	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
110-54-3	n-Hexane	ND		ug/m ³	0.76	0.76	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
95-47-6	o-Xylene	ND		ug/m ³	0.93	0.93	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.9	1.9	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m ³	1.1	1.1	2.145	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 04:35	ALD
115-07-1	* Propylene	ND		ug/m ³	0.37	0.37	2.145	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 04:35	ALD
100-42-5	Styrene	ND		ug/m ³	0.91	0.91	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
127-18-4	Tetrachloroethylene	18		ug/m ³	0.36	0.36	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.63	0.63	2.145	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 04:35	ALD
108-88-3	Toluene	ND		ug/m ³	0.81	0.81	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	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	07/22/2015 09:12	07/23/2015 04:35	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	07/22/2015 09:12	07/23/2015 04:35	ALD
79-01-6	Trichloroethylene	ND		ug/m ³	0.29	0.29	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	1.4		ug/m ³	1.2	1.2	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
108-05-4	Vinyl acetate	ND		ug/m ³	0.76	0.76	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
593-60-2	Vinyl bromide	ND		ug/m ³	0.94	0.94	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.14	0.14	2.145	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 04:35	ALD
	Surrogate Recoveries	Result			Acceptance Range						
460-00-4	Surrogate: p-Bromofluorobenzene	94.6 %			72-118						



Sample Information

Client Sample ID: AQ071515:1140 NP4-3

York Sample ID: 15G0644-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0644

Rowe Industries

Vapor Extraction

July 15, 2015 3:00 pm

07/17/2015

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	0.62	1.2	1.8	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 05:31	ALD
71-55-6	1,1,1-Trichloroethane	3.1		ug/m ³	0.98	0.98	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.2	1.2	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.4	1.4	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.98	0.98	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.73	0.73	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.71	0.71	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.3	1.3	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.88	0.88	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.4	1.4	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.1	1.1	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.73	0.73	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.83	0.83	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.3	1.3	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.88	0.88	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
106-99-0	1,3-Butadiene	ND		ug/m ³	0.78	0.78	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.1	1.1	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.83	0.83	1.8	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 05:31	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.1	1.1	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
123-91-1	1,4-Dioxane	ND		ug/m ³	0.65	0.65	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
78-93-3	2-Butanone	1.1		ug/m ³	0.53	0.53	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
591-78-6	* 2-Hexanone	ND		ug/m ³	1.5	1.5	1.8	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 05:31	ALD
107-05-1	* 3-Chloropropene	ND		ug/m ³	0.56	0.56	1.8	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 05:31	ALD



Sample Information

Client Sample ID: AQ071515:1140 NP4-3

York Sample ID: 15G0644-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0644

Rowe Industries

Vapor Extraction

July 15, 2015 3:00 pm

07/17/2015

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	0.74	0.74	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
67-64-1	Acetone	4.4		ug/m ³	0.43	0.43	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
107-13-1	* Acrylonitrile	ND		ug/m ³	0.39	0.39	1.8	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 05:31	ALD
71-43-2	Benzene	3.6		ug/m ³	0.58	0.58	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
100-44-7	Benzyl chloride	ND		ug/m ³	0.93	0.93	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
75-27-4	Bromodichloromethane	ND		ug/m ³	1.1	1.1	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
75-25-2	Bromoform	ND		ug/m ³	1.9	1.9	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
74-83-9	Bromomethane	ND		ug/m ³	0.70	0.70	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
75-15-0	Carbon disulfide	ND		ug/m ³	0.56	0.56	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.28	0.28	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
108-90-7	Chlorobenzene	ND		ug/m ³	0.83	0.83	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
75-00-3	Chloroethane	ND		ug/m ³	0.47	0.47	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
67-66-3	Chloroform	ND		ug/m ³	0.88	0.88	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
74-87-3	Chloromethane	2.0		ug/m ³	0.37	0.37	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
156-59-2	cis-1,2-Dichloroethylene	2.1		ug/m ³	0.71	0.71	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.82	0.82	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
110-82-7	Cyclohexane	ND		ug/m ³	0.62	0.62	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.4	1.4	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
75-71-8	Dichlorodifluoromethane	2.8		ug/m ³	0.89	0.89	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
141-78-6	* Ethyl acetate	ND		ug/m ³	1.3	1.3	1.8	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 05:31	ALD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.78	0.78	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.9	1.9	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
67-63-0	Isopropanol	1.7		ug/m ³	0.88	0.88	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD



Sample Information

Client Sample ID: AQ071515:1140 NP4-3

York Sample ID: 15G0644-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15G0644

Rowe Industries

Vapor Extraction

July 15, 2015 3:00 pm

07/17/2015

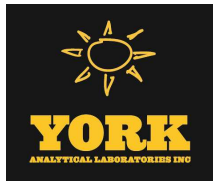
Volatile Organics, EPA TO15 Full List

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	0.74	0.74	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.65	0.65	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
75-09-2	Methylene chloride	8.7		ug/m ³	1.3	1.3	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
142-82-5	n-Heptane	ND		ug/m ³	0.74	0.74	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
110-54-3	n-Hexane	7.0		ug/m ³	0.63	0.63	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
95-47-6	o-Xylene	ND		ug/m ³	0.78	0.78	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.6	1.6	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.88	0.88	1.8	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 05:31	ALD
115-07-1	* Propylene	ND		ug/m ³	0.31	0.31	1.8	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 05:31	ALD
100-42-5	Styrene	ND		ug/m ³	0.77	0.77	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
127-18-4	Tetrachloroethylene	1.3		ug/m ³	0.31	0.31	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
109-99-9	* Tetrahydrofuran	1.2		ug/m ³	0.53	0.53	1.8	EPA TO-15 Certifications:	07/22/2015 09:12	07/23/2015 05:31	ALD
108-88-3	Toluene	ND		ug/m ³	0.68	0.68	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.71	0.71	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.82	0.82	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
79-01-6	Trichloroethylene	ND		ug/m ³	0.24	0.24	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	1.4		ug/m ³	1.0	1.0	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
108-05-4	Vinyl acetate	ND		ug/m ³	0.63	0.63	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
593-60-2	Vinyl bromide	ND		ug/m ³	0.79	0.79	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.12	0.12	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/22/2015 09:12	07/23/2015 05:31	ALD
	Surrogate Recoveries	Result		Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	94.3 %		72-118							



Analytical Batch Summary

Batch ID: BG51192

Preparation Method: EPA TO15 PREP

Prepared By: ALD

YORK Sample ID	Client Sample ID	Preparation Date
15G0644-01	AQ071515:1130 NP4-1	07/22/15
15G0644-02	AQ071515:1135 NP4-2	07/22/15
15G0644-03	AQ071515:1140 NP4-3	07/22/15
BG51192-BLK1	Blank	07/22/15
BG51192-BS1	LCS	07/22/15



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 BG51192 - EPA TO15 PREP

Blank (BG51192-BLK1)

Prepared & Analyzed: 07/22/2015

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

Batch BG51192 - EPA TO15 PREP

Blank (BG51192-BLK1)

Prepared & Analyzed: 07/22/2015

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	"								

<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.69</i>		<i>ppbv</i>	<i>10.4</i>		<i>93.2</i>	<i>72-118</i>				
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LCS (BG51192-BS1)

Prepared & Analyzed: 07/22/2015

1,1,1,2-Tetrachloroethane	9.81		ppbv	10.5		93.4	82-126				
1,1,1-Trichloroethane	9.85		"	10.2		96.6	70-130				
1,1,2,2-Tetrachloroethane	10.0		"	10.3		97.1	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.4		97.3	70-130				
1,1,2-Trichloroethane	10.0		"	10.3		97.2	70-130				
1,1-Dichloroethane	9.90		"	10.2		97.1	70-130				
1,1-Dichloroethylene	10.2		"	10.4		98.2	70-130				
1,2,4-Trichlorobenzene	7.78		"	9.00		86.4	70-130				
1,2,4-Trimethylbenzene	10.2		"	10.2		100	70-130				
1,2-Dibromoethane	10.2		"	10.4		98.1	70-130				
1,2-Dichlorobenzene	9.89		"	10.1		97.9	70-130				
1,2-Dichloroethane	10.2		"	10.2		100	70-130				
1,2-Dichloropropane	9.86		"	10.2		96.7	70-130				
1,2-Dichlorotetrafluoroethane	10.3		"	9.80		105	70-130				
1,3,5-Trimethylbenzene	9.79		"	10.0		97.9	70-130				
1,3-Butadiene	11.6		"	10.1		114	70-130				
1,3-Dichlorobenzene	10.1		"	10.2		99.3	70-130				
1,3-Dichloropropane	10.2		"	10.5		97.2	70-130				
1,4-Dichlorobenzene	10.1		"	10.1		100	70-130				
1,4-Dioxane	10.0		"	10.2		98.3	70-130				
2-Butanone	9.85		"	10.4		94.7	70-130				
2-Hexanone	11.4		"	10.5		108	70-130				
3-Chloropropene	9.77		"	10.7		91.3	70-130				
4-Methyl-2-pentanone	10.2		"	10.2		99.8	70-130				
Acetone	10.7		"	10.6		101	70-130				
Acrylonitrile	11.0		"	10.3		107	70-130				
Benzene	9.68		"	10.3		94.0	70-130				
Benzyl chloride	8.95		"	10.2		87.7	70-130				
Bromodichloromethane	10.0		"	10.2		98.2	70-130				
Bromoform	9.37		"	10.1		92.8	70-130				
Bromomethane	9.40		"	9.50		98.9	70-130				
Carbon disulfide	10.8		"	10.5		103	70-130				
Carbon tetrachloride	9.41		"	10.2		92.3	70-130				
Chlorobenzene	9.76		"	10.5		93.0	70-130				



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York Analytical Laboratories, Inc.

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

Batch BG51192 - EPA TO15 PREP

LCS (BG51192-BS1)

Prepared & Analyzed: 07/22/2015

Chloroethane	9.70		ppbv	9.40		103	70-130				
Chloroform	9.76		"	10.4		93.8	70-130				
Chloromethane	10.0		"	9.80		102	70-130				
cis-1,2-Dichloroethylene	9.99		"	10.2		97.9	70-130				
cis-1,3-Dichloropropylene	10.8		"	11.0		97.8	70-130				
Cyclohexane	9.58		"	10.3		93.0	70-130				
Dibromochloromethane	10.2		"	10.6		96.4	70-130				
Dichlorodifluoromethane	9.06		"	9.80		92.4	70-130				
Ethyl acetate	9.90		"	10.4		95.2	70-130				
Ethyl Benzene	9.88		"	10.4		95.0	70-130				
Hexachlorobutadiene	8.97		"	9.10		98.6	70-130				
Isopropanol	9.59		"	10.0		95.9	70-130				
Methyl Methacrylate	10.4		"	9.80		106	70-130				
Methyl tert-butyl ether (MTBE)	9.82		"	10.3		95.3	70-130				
Methylene chloride	9.33		"	10.4		89.7	70-130				
n-Heptane	10.2		"	10.5		96.7	70-130				
n-Hexane	9.81		"	10.5		93.4	70-130				
o-Xylene	10.2		"	10.3		98.7	70-130				
p- & m- Xylenes	20.4		"	20.2		101	70-130				
p-Ethyltoluene	9.82		"	10.0		98.2	70-130				
Propylene	9.52		"	10.6		89.8	70-130				
Styrene	10.3		"	10.2		101	70-130				
Tetrachloroethylene	8.71		"	9.90		88.0	70-130				
Tetrahydrofuran	9.88		"	10.6		93.2	70-130				
Toluene	9.98		"	10.5		95.0	70-130				
trans-1,2-Dichloroethylene	9.75		"	10.1		96.5	70-130				
trans-1,3-Dichloropropylene	10.1		"	10.3		98.2	70-130				
Trichloroethylene	9.65		"	10.2		94.6	70-130				
Trichlorofluoromethane (Freon 11)	10.0		"	9.90		101	70-130				
Vinyl acetate	9.98		"	10.7		93.3	70-130				
Vinyl bromide	10.3		"	10.5		98.4	70-130				
Vinyl Chloride	11.7		"	9.90		119	70-130				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.98</i>		<i>"</i>	<i>10.4</i>		<i>96.0</i>	<i>72-118</i>				



Notes and Definitions

*	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

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

York Project No. 156-0649

YOUR INFORMATION		Report To:		Invoice To:		YOUR PROJECT ID		Turn-Around Time		Report Type/Deliverables	
Company: <u>LBG</u>	Address: <u>4 Research Dr. Suite 301 Shelton, CT 06484</u>	Company: <u>Same</u>	Address: <u>Same</u>	Company: <u>Same</u>	Address: <u>Same</u>	Rowe Industries		RUSH - Same Day <input type="checkbox"/>	Summary Report <u>X</u>	Summary w/ QA Summary <u>X</u>	CT RCP Package <u>X</u>
Phone No. <u>203-999-8555</u>	Attention: <u>Tunde Sandor</u>	Phone No. _____	Attention: _____	Phone No. _____	Attention: _____	Purchase Order No. <u>NABSAG</u>		RUSH - Next Day <input type="checkbox"/>	NY ASP A Package _____	NY ASP B/CLP Pkg _____	NY ASP A Package <u>X</u>
Contact Person: <u>Tunde Sandor</u>	E-Mail Address: <u>TSandor@LBGCT.com</u>	Phone No. _____	Attention: _____	Phone No. _____	Attention: _____	Samples from: CT <u>NYX</u> NJ _____		RUSH - Two Day <input type="checkbox"/>	Electronic Deliverables _____	EDD (Specify Type) _____	Standard Excel <u>X</u>
E-Mail Address: <u>TSandor@LBGCT.com</u>		E-Mail Address: _____		E-Mail Address: _____		Standard (3-7 Days) <input checked="" type="checkbox"/>		RUSH - Three Day <input type="checkbox"/>	Regulatory Companion Excel _____	Special Instructions	

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

Air Matrix Codes		TOIS Volatiles and Other Gas Analyses	
AI- INDOOR Ambient Air	AO- OUTDOOR Amb. Air	EPA TO-15 List	EPA TO-14A List
AE- Vapor Extraction Well/Process Gas/Effluent	AS- SOIL Vapor/Sub-Slab	NYSDEC VI list	Tentatively Identified Compounds
Air Matrix Codes		NYSDEC STARS List	
AI- INDOOR Ambient Air	AO- OUTDOOR Amb. Air	Air VPH	
AE- Vapor Extraction Well/Process Gas/Effluent	AS- SOIL Vapor/Sub-Slab	Project Specific List by TO-15	
Samples Collected (Authorized By (Signature))		NYSDEC low level	
<u>Evan Foster</u>		Routine Survey	
Name (printed)		Other _____	

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (m. Hg)	Canister Vacuum After Sampling (m. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
A0071515:1130 NP4-1	7-15-15	AE			EPA TO-15 LIST	6 Liter Summa canister <input checked="" type="checkbox"/> Tedlar Bag
A0071515:1135 NP4-2	↓	AE				6 Liter Summa canister <input checked="" type="checkbox"/> Tedlar Bag
A0071515:1140 NP4-3	↓	AE				6 Liter Summa canister <input checked="" type="checkbox"/> Tedlar Bag
						6 Liter Summa canister _____ Tedlar Bag
						6 Liter Summa canister _____ Tedlar Bag
						6 Liter Summa canister _____ Tedlar Bag
						6 Liter Summa canister _____ Tedlar Bag
						6 Liter Summa canister _____ Tedlar Bag
						6 Liter Summa canister _____ Tedlar Bag
						6 Liter Summa canister _____ Tedlar Bag

Comments

LBG Field Room 7/15/15 1800
Samples Received By _____ Date/Time _____

AE 7/15/15 1540
Samples Relinquished By _____ Date/Time _____

AE 7/17/15 1400
Samples Relinquished By _____ Date/Time _____

Rec'd at 7/17/15/1400