

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	---	---
3-Dec-15	6.5	158	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	2.57	0.057
15-Dec-15	6.8	193	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.93	0.077
29-Dec-15	6.5	134	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	1.56	0.144

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

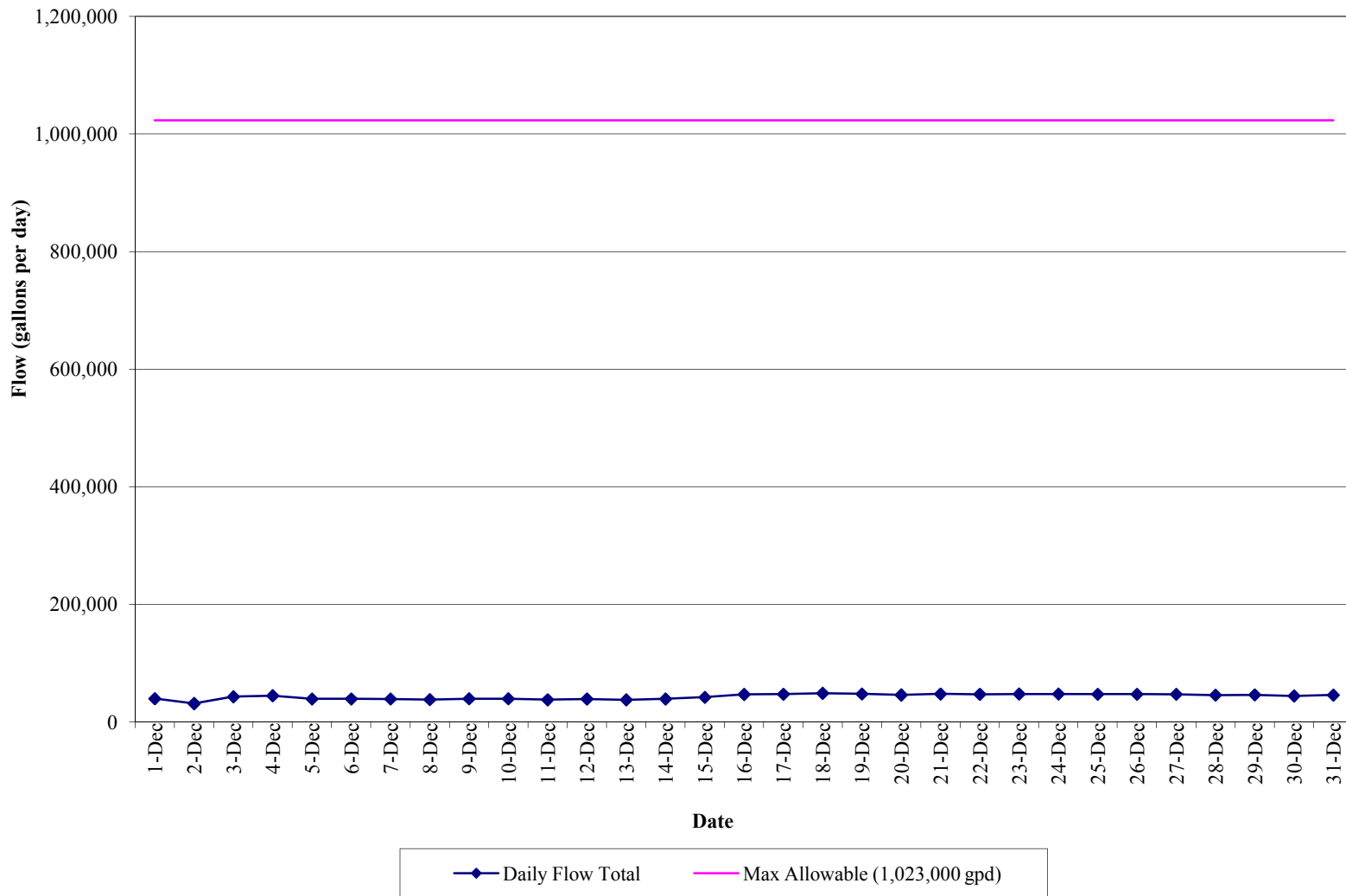
Notes:

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.

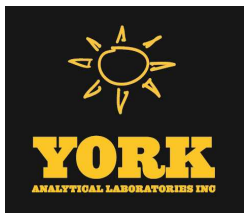
2. "Effluent" samples were collected from sample port labeled NP2-10 unless otherwise noted.

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

Effluent Flow Data
(December 1, 2015 to December 31, 2015)



APPENDIX I
DECEMBER 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: 12/11/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15L0195

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 12/11/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15L0195

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 December 04, 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>
15L0195-01	WQ120315:1200NP2-6	Water	12/03/2015	12/04/2015
15L0195-02	WQ120315:1205NP2-7	Water	12/03/2015	12/04/2015
15L0196-01	WQ120315:1210NP2-10	Water	12/03/2015	12/04/2015

General Notes for York Project (SDG) No.: 15L0195

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.

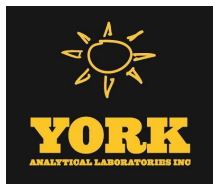
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/11/2015





Sample Information

Client Sample ID: WQ120315:1200NP2-6

York Sample ID: 15L0195-01

<u>York Project (SDG) No.</u> 15L0195	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> December 3, 2015 12:00 pm	<u>Date Received</u> 12/04/2015
--	---	------------------------	--	------------------------------------

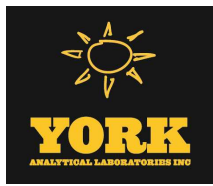
Volatile Organics, 8260 List - Low Level

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	12/10/2015 20:15	12/11/2015 08:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS



Sample Information

Client Sample ID: WQ120315:1200NP2-6

York Sample ID: 15L0195-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0195

Rowe Industries

Water

December 3, 2015 12:00 pm

12/04/2015

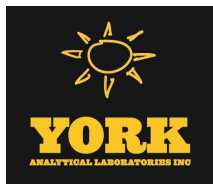
Volatile Organics, 8260 List - Low Level

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	12/10/2015 20:15	12/11/2015 08:26	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
67-64-1	Acetone	1.1	SCAL-E, J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
74-83-9	Bromomethane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
156-59-2	cis-1,2-Dichloroethylene	0.74		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS



Sample Information

Client Sample ID: WQ120315:1200NP2-6

York Sample ID: 15L0195-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0195

Rowe Industries

Water

December 3, 2015 12:00 pm

12/04/2015

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	12/10/2015 20:15	12/11/2015 08:26	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	12/10/2015 20:15	12/11/2015 08:26	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	12/10/2015 20:15	12/11/2015 08:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
127-18-4	Tetrachloroethylene	0.45	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	12/10/2015 20:15	12/11/2015 08:26	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	88.9 %			69-130						
2037-26-5	Surrogate: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	99.0 %			79-122						

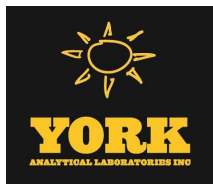
Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

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



Sample Information

Client Sample ID: WQ120315:1200NP2-6

York Sample ID: 15L0195-01

<u>York Project (SDG) No.</u> 15L0195	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> December 3, 2015 12:00 pm	<u>Date Received</u> 12/04/2015
--	---	------------------------	--	------------------------------------

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	3.21		mg/L	0.0162	0.0222	1	EPA 200.7	12/07/2015 11:07	12/08/2015 00:34	ALD
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		

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	0.0478		mg/L	0.0222	0.0222	1	EPA 6010C	12/08/2015 11:24	12/08/2015 22:20	ALD
Certifications:									CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: WQ120315:1205NP2-7

York Sample ID: 15L0195-02

<u>York Project (SDG) No.</u> 15L0195	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> December 3, 2015 12:05 pm	<u>Date Received</u> 12/04/2015
--	---	------------------------	--	------------------------------------

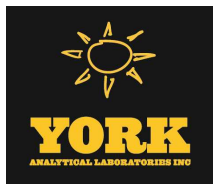
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/10/2015 20:15	12/11/2015 08:56	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/10/2015 20:15	12/11/2015 08:56	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/10/2015 20:15	12/11/2015 08:56	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	12/10/2015 20:15	12/11/2015 08:56	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/10/2015 20:15	12/11/2015 08:56	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/10/2015 20:15	12/11/2015 08:56	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/10/2015 20:15	12/11/2015 08:56	SS
Certifications:									CTDOH,NELAC-NY10854,NJDEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/10/2015 20:15	12/11/2015 08:56	SS
Certifications:									NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/10/2015 20:15	12/11/2015 08:56	SS
Certifications:									NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	12/10/2015 20:15	12/11/2015 08:56	SS
Certifications:									NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	12/10/2015 20:15	12/11/2015 08:56	SS
Certifications:									NELAC-NY10854,NJDEP		



Sample Information

Client Sample ID: WQ120315:1205NP2-7

York Sample ID: 15L0195-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0195

Rowe Industries

Water

December 3, 2015 12:05 pm

12/04/2015

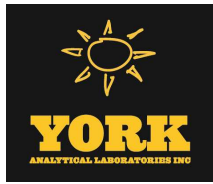
Volatile Organics, 8260 List - Low Level

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	12/10/2015 20:15	12/11/2015 08:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
67-64-1	Acetone	1.1	SCAL-E, J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
74-83-9	Bromomethane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS



Sample Information

Client Sample ID: WQ120315:1205NP2-7

York Sample ID: 15L0195-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0195

Rowe Industries

Water

December 3, 2015 12:05 pm

12/04/2015

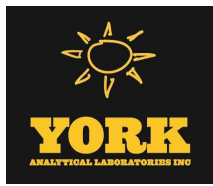
Volatile Organics, 8260 List - Low Level

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	12/10/2015 20:15	12/11/2015 08:56	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	12/10/2015 20:15	12/11/2015 08:56	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	12/10/2015 20:15	12/11/2015 08:56	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 08:56	SS



Sample Information

Client Sample ID: WQ120315:1205NP2-7

York Sample ID: 15L0195-02

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 15L0195, Rowe Industries, Water, December 3, 2015 12:05 pm, 12/04/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Main data table for Volatile Organics with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes 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

Data table for Iron by EPA 200.7 with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Result: 0.812 mg/L.

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Data table for Iron, Dissolved by EPA 6010 with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Result: 0.839 mg/L.

Sample Information

Client Sample ID: WQ120315:1210NP2-10

York Sample ID: 15L0196-01

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 15L0196, Rowe Industries, Water, December 3, 2015 12:10 pm, 12/04/2015

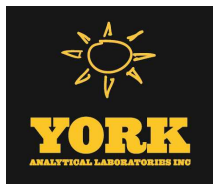
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Data table for Volatile Organics with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Result: ND for 1,1,1,2-Tetrachloroethane.



Sample Information

Client Sample ID: WQ120315:1210NP2-10

York Sample ID: 15L0196-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0196

Rowe Industries

Water

December 3, 2015 12:10 pm

12/04/2015

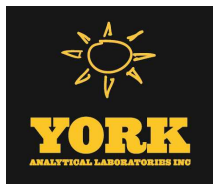
Volatile Organics, 8260 List - Low Level

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	12/10/2015 20:15	12/11/2015 07:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	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	12/10/2015 20:15	12/11/2015 07:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS



Sample Information

Client Sample ID: WQ120315:1210NP2-10

York Sample ID: 15L0196-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0196

Rowe Industries

Water

December 3, 2015 12:10 pm

12/04/2015

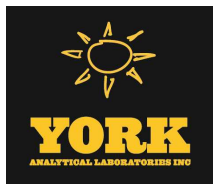
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	1.4	SCAL- E, J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
74-83-9	Bromomethane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS



Sample Information

Client Sample ID: WQ120315:1210NP2-10

York Sample ID: 15L0196-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0196

Rowe Industries

Water

December 3, 2015 12:10 pm

12/04/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	12/10/2015 20:15	12/11/2015 07:25	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	12/10/2015 20:15	12/11/2015 07:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	12/10/2015 20:15	12/11/2015 07:25	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	89.8 %			69-130						
2037-26-5	Surrogate: Toluene-d8	103 %			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	2.57		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/07/2015 11:07	12/08/2015 00:44	ALD

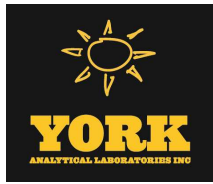
Iron, Dissolved by EPA 6010

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
---------	-----------	--------	------	-------	------------------------	-----	----------	------------------	-----------------------	-----------------------	---------



Sample Information

Client Sample ID: WQ120315:1210NP2-10

York Sample ID: 15L0196-01

<u>York Project (SDG) No.</u> 15L0196	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> December 3, 2015 12:10 pm	<u>Date Received</u> 12/04/2015
--	---	------------------------	--	------------------------------------

7439-89-6	Iron	0.0567	mg/L	0.0222	0.0222	1	EPA 6010C	12/08/2015 11:24	12/08/2015 22:30	ALD
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

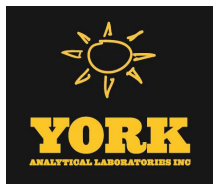
Total Dissolved Solids

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	158		mg/L	10.0	10.0	1	SM 2540C	12/08/2015 14:54	12/09/2015 14:38	AA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP		



Analytical Batch Summary

Batch ID: BL50337 **Preparation Method:** EPA 200.7 **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15L0195-01	WQ120315:1200NP2-6	12/07/15
15L0195-02	WQ120315:1205NP2-7	12/07/15
15L0196-01	WQ120315:1210NP2-10	12/07/15
BL50337-BLK1	Blank	12/07/15
BL50337-SRM1	Reference	12/07/15

Batch ID: BL50434 **Preparation Method:** EPA 3015A **Prepared By:** ALD

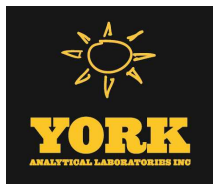
YORK Sample ID	Client Sample ID	Preparation Date
15L0195-01	WQ120315:1200NP2-6	12/08/15
15L0195-02	WQ120315:1205NP2-7	12/08/15
15L0196-01	WQ120315:1210NP2-10	12/08/15
BL50434-BLK1	Blank	12/08/15
BL50434-SRM1	Reference	12/08/15

Batch ID: BL50453 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
15L0196-01	WQ120315:1210NP2-10	12/08/15
BL50453-BLK1	Blank	12/08/15

Batch ID: BL50617 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15L0195-01	WQ120315:1200NP2-6	12/10/15
15L0195-02	WQ120315:1205NP2-7	12/10/15
15L0196-01	WQ120315:1210NP2-10	12/10/15
BL50617-BLK1	Blank	12/10/15
BL50617-BS1	LCS	12/10/15
BL50617-BSD1	LCS Dup	12/10/15



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
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BL50617 - EPA 5030B

Blank (BL50617-BLK1)

Prepared: 12/10/2015 Analyzed: 12/11/2015

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	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	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	2.2	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	2.0	"								
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 BL50617 - EPA 5030B

Blank (BL50617-BLK1)

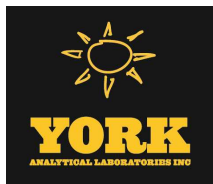
Prepared: 12/10/2015 Analyzed: 12/11/2015

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	9.29		"	10.0		92.9		69-130			
Surrogate: Toluene-d8	10.2		"	10.0		102		81-117			
Surrogate: p-Bromofluorobenzene	10.3		"	10.0		103		79-122			

LCS (BL50617-BS1)

Prepared: 12/10/2015 Analyzed: 12/11/2015

1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106		82-126			
1,1,1-Trichloroethane	9.96		"	10.0		99.6		78-136			
1,1,2,2-Tetrachloroethane	11.5		"	10.0		115		76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102		54-165			
1,1,2-Trichloroethane	10.6		"	10.0		106		82-123			
1,1-Dichloroethane	10.8		"	10.0		108		82-129			
1,1-Dichloroethylene	10.1		"	10.0		101		68-138			
1,1-Dichloropropylene	10.1		"	10.0		101		83-133			
1,2,3-Trichlorobenzene	10.8		"	10.0		108		76-136			
1,2,3-Trichloropropane	10.8		"	10.0		108		77-128			
1,2,4-Trichlorobenzene	10.9		"	10.0		109		76-137			
1,2,4-Trimethylbenzene	11.2		"	10.0		112		82-132			
1,2-Dibromo-3-chloropropane	9.56		"	10.0		95.6		45-147			
1,2-Dibromoethane	10.4		"	10.0		104		83-124			
1,2-Dichlorobenzene	10.7		"	10.0		107		79-123			
1,2-Dichloroethane	9.30		"	10.0		93.0		73-132			
1,2-Dichloropropane	10.7		"	10.0		107		78-126			
1,3,5-Trimethylbenzene	11.5		"	10.0		115		80-131			
1,3-Dichlorobenzene	10.9		"	10.0		109		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	7.47		"	10.0		74.7		56-150			
2-Chlorotoluene	10.8		"	10.0		108		79-130			
2-Hexanone	10.6		"	10.0		106		51-146			
4-Chlorotoluene	10.8		"	10.0		108		79-128			
Acetone	10.2		"	10.0		102		14-150			
Benzene	11.2		"	10.0		112		85-126			
Bromobenzene	11.2		"	10.0		112		78-129			
Bromochloromethane	11.8		"	10.0		118		77-128			
Bromodichloromethane	10.1		"	10.0		101		79-128			
Bromoform	10.1		"	10.0		101		78-133			
Bromomethane	15.7		"	10.0		157		43-168			
Carbon tetrachloride	10.6		"	10.0		106		77-141			
Chlorobenzene	10.6		"	10.0		106		88-120			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BL50617 - EPA 5030B

LCS (BL50617-BS1)

Prepared: 12/10/2015 Analyzed: 12/11/2015

Chloroethane	10.2		ug/L	10.0		102	65-136				
Chloroform	10.4		"	10.0		104	82-128				
Chloromethane	5.98		"	10.0		59.8	43-155				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129				
cis-1,3-Dichloropropylene	9.26		"	10.0		92.6	80-131				
Dibromochloromethane	10.2		"	10.0		102	80-130				
Dibromomethane	10.7		"	10.0		107	72-134				
Dichlorodifluoromethane	8.63		"	10.0		86.3	44-144				
Ethyl Benzene	10.9		"	10.0		109	80-131				
Hexachlorobutadiene	9.99		"	10.0		99.9	67-146				
Isopropylbenzene	11.3		"	10.0		113	76-140				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	76-135				
Methylene chloride	9.64		"	10.0		96.4	55-137				
Naphthalene	11.2		"	10.0		112	70-147				
n-Butylbenzene	10.8		"	10.0		108	79-132				
n-Propylbenzene	11.2		"	10.0		112	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	21.4		"	20.0		107	77-133				
p-Isopropyltoluene	11.0		"	10.0		110	81-136				
sec-Butylbenzene	10.8		"	10.0		108	79-137				
Styrene	11.7		"	10.0		117	67-132				
tert-Butylbenzene	11.1		"	10.0		111	77-138				
Tetrachloroethylene	9.25		"	10.0		92.5	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	8.67		"	10.0		86.7	78-131				
Trichloroethylene	10.1		"	10.0		101	82-128				
Trichlorofluoromethane	8.21		"	10.0		82.1	67-139				
Vinyl Chloride	9.89		"	10.0		98.9	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.14</i>		<i>"</i>	<i>10.0</i>		<i>91.4</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.96</i>		<i>"</i>	<i>10.0</i>		<i>99.6</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</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 BL50617 - EPA 5030B

LCS Dup (BL50617-BSD1)

Prepared: 12/10/2015 Analyzed: 12/11/2015

1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0		112	82-126		5.14	30	
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136		1.89	30	
1,1,2,2-Tetrachloroethane	12.7		"	10.0		127	76-129		9.95	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165		1.08	30	
1,1,2-Trichloroethane	11.1		"	10.0		111	82-123		4.98	30	
1,1-Dichloroethane	11.1		"	10.0		111	82-129		2.65	30	
1,1-Dichloroethylene	10.6		"	10.0		106	68-138		4.93	30	
1,1-Dichloropropylene	10.4		"	10.0		104	83-133		3.12	30	
1,2,3-Trichlorobenzene	11.7		"	10.0		117	76-136		7.79	30	
1,2,3-Trichloropropane	11.8		"	10.0		118	77-128		7.96	30	
1,2,4-Trichlorobenzene	11.9		"	10.0		119	76-137		8.80	30	
1,2,4-Trimethylbenzene	12.1		"	10.0		121	82-132		7.71	30	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	45-147		5.99	30	
1,2-Dibromoethane	10.5		"	10.0		105	83-124		0.960	30	
1,2-Dichlorobenzene	11.8		"	10.0		118	79-123		9.68	30	
1,2-Dichloroethane	9.10		"	10.0		91.0	73-132		2.17	30	
1,2-Dichloropropane	11.0		"	10.0		110	78-126		2.67	30	
1,3,5-Trimethylbenzene	12.3		"	10.0		123	80-131		6.48	30	
1,3-Dichlorobenzene	11.7		"	10.0		117	86-122		7.45	30	
1,3-Dichloropropane	11.1		"	10.0		111	81-125		3.29	30	
1,4-Dichlorobenzene	11.8		"	10.0		118	85-124		9.88	30	
2,2-Dichloropropane	7.46		"	10.0		74.6	56-150		0.134	30	
2-Chlorotoluene	11.8		"	10.0		118	79-130		8.13	30	
2-Hexanone	11.3		"	10.0		113	51-146		6.50	30	
4-Chlorotoluene	12.0		"	10.0		120	79-128		9.99	30	
Acetone	10.4		"	10.0		104	14-150		1.36	30	
Benzene	11.4		"	10.0		114	85-126		1.77	30	
Bromobenzene	12.1		"	10.0		121	78-129		7.57	30	
Bromochloromethane	12.0		"	10.0		120	77-128		2.02	30	
Bromodichloromethane	10.5		"	10.0		105	79-128		3.68	30	
Bromoform	10.8		"	10.0		108	78-133		6.79	30	
Bromomethane	15.3		"	10.0		153	43-168		2.58	30	
Carbon tetrachloride	10.7		"	10.0		107	77-141		1.41	30	
Chlorobenzene	11.2		"	10.0		112	88-120		5.04	30	
Chloroethane	10.2		"	10.0		102	65-136		0.295	30	
Chloroform	10.6		"	10.0		106	82-128		2.10	30	
Chloromethane	6.44		"	10.0		64.4	43-155		7.41	30	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129		0.776	30	
cis-1,3-Dichloropropylene	9.47		"	10.0		94.7	80-131		2.24	30	
Dibromochloromethane	10.8		"	10.0		108	80-130		5.41	30	
Dibromomethane	10.5		"	10.0		105	72-134		1.32	30	
Dichlorodifluoromethane	8.86		"	10.0		88.6	44-144		2.63	30	
Ethyl Benzene	11.3		"	10.0		113	80-131		3.78	30	
Hexachlorobutadiene	10.8		"	10.0		108	67-146		7.33	30	
Isopropylbenzene	12.1		"	10.0		121	76-140		6.41	30	
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	76-135		0.569	30	
Methylene chloride	9.80		"	10.0		98.0	55-137		1.65	30	
Naphthalene	11.9		"	10.0		119	70-147		5.63	30	
n-Butylbenzene	11.7		"	10.0		117	79-132		7.63	30	
n-Propylbenzene	12.0		"	10.0		120	78-133		7.04	30	
o-Xylene	10.9		"	10.0		109	78-130		4.88	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

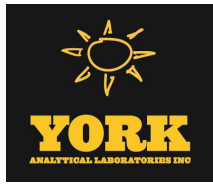
Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD	Flag
		Limit			Result					Limit	

Batch BL50617 - EPA 5030B

LCS Dup (BL50617-BSD1)

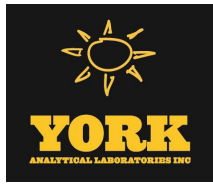
Prepared: 12/10/2015 Analyzed: 12/11/2015

p- & m- Xylenes	22.5		ug/L	20.0		112	77-133		5.07	30	
p-Isopropyltoluene	11.9		"	10.0		119	81-136		7.41	30	
sec-Butylbenzene	11.8		"	10.0		118	79-137		8.33	30	
Styrene	12.3		"	10.0		123	67-132		5.24	30	
tert-Butylbenzene	11.8		"	10.0		118	77-138		6.19	30	
Tetrachloroethylene	9.52		"	10.0		95.2	82-131		2.88	30	
Toluene	10.9		"	10.0		109	80-127		3.35	30	
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132		1.35	30	
trans-1,3-Dichloropropylene	9.02		"	10.0		90.2	78-131		3.96	30	
Trichloroethylene	10.3		"	10.0		103	82-128		2.65	30	
Trichlorofluoromethane	8.61		"	10.0		86.1	67-139		4.76	30	
Vinyl Chloride	10.3		"	10.0		103	58-145		3.67	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	8.68		"	10.0		86.8	69-130				
<i>Surrogate: Toluene-d8</i>	9.88		"	10.0		98.8	81-117				
<i>Surrogate: p-Bromofluorobenzene</i>	10.5		"	10.0		105	79-122				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL50337 - EPA 200.7											
Blank (BL50337-BLK1)											
Iron	ND	0.0200	mg/L								Prepared & Analyzed: 12/07/2015
Reference (BL50337-SRM1)											
Iron	0.565		ug/mL	0.570		99.1	85.1-115.1				Prepared & Analyzed: 12/07/2015
Batch BL50434 - EPA 3015A											
Blank (BL50434-BLK1)											
Iron - Dissolved	ND	0.0200	mg/L								Prepared & Analyzed: 12/08/2015
Reference (BL50434-SRM1)											
Iron - Dissolved	0.559		ug/mL	0.570		98.0	85.1-115.1				Prepared & Analyzed: 12/08/2015



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

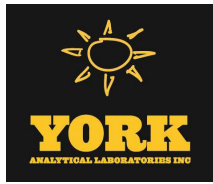
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BL50453 - % Solids Prep

Blank (BL50453-BLK1)

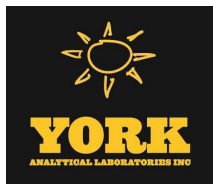
Prepared: 12/08/2015 Analyzed: 12/09/2015

Total Dissolved Solids	ND	10.0	mg/L								
------------------------	----	------	------	--	--	--	--	--	--	--	--



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15L0195-01	WQ120315:1200NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0195-02	WQ120315:1205NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0196-01	WQ120315:1210NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
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.
<hr/>	
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

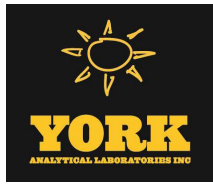
If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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





YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRAFORD, 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 analysis requested and your signature binds you to York's Std. Terms & Conditions.

Page 1 of 1
York Project No. 15L0195

YOUR INFORMATION		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: <u>LBG</u>	<input checked="" type="checkbox"/> SAME	Name: <u>T. Sander</u>	<input checked="" type="checkbox"/> SAME	Name: _____		RUSH-Same Day		RUSH-Next Day		Summary Report <input checked="" type="checkbox"/> X, PDF	
Address: <u>4 Research Drive</u>		Company: _____		Company: _____		RUSH-Two Day		RUSH-Three Day		QA Report <input checked="" type="checkbox"/> X, PDF	
Suite <u>301, Shelton CT 06484</u>		Address: _____		Address: _____		RUSH-Four Day		Standard (5-7day)		CT RCP	
Phone: <u>203.929.8555</u>		E-mail: _____		E-mail: _____		Samples from CT, NY, NJ, X				CT RCP DQA/DUE Pkg	
Contact: <u>Tunde Sandor</u>										NY ASP A Package	
E-mail: <u>Tsandor@lbgct.com</u>										NY ASP B Package <input checked="" type="checkbox"/> X, PDF	
<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>Matrix Codes: S - soil Other - specify (oil, etc) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor</p> <p>Samples Collected/Authorized By (Signature) <u>Evan Fox</u> Name (printed)</p>											
Sample Identification		Date+Time Sampled		Matrix		Analysis Requested (List above includes common analysis)		Container Description			
<u>120120315-12010NP2-6</u>		<u>12-3-15 1200</u>		<u>GW</u>		Fe by EPA 200.7; Fe dissolved by EPA 6010; VOCs 8260 full plus freon 113		<u>3x4 250 Plastic</u>			
<u>120120315-12010NP2-7</u>		<u>1205</u>		<u>↓</u>		Fe by EPA 200.7; Fe dissolved by EPA 6010; VOCs 8260 full plus freon 113		<u>↓ 3-250 Plastic</u>			
<u>120120315-12010NP2-10</u>		<u>1210</u>		<u>↓</u>		Fe by EPA 200.7; Fe dissolved by EPA 6010; VOCs 8260 full plus freon 113; TDS					
<p>Preservation (check all applicable): <input type="checkbox"/> Frozen <input type="checkbox"/> HCl <input checked="" type="checkbox"/> MeOH <input type="checkbox"/> ZnAc <input type="checkbox"/> Ascorbic Acid <input type="checkbox"/> Other</p> <p>Special Instructions: <input type="checkbox"/> Field Filled <input type="checkbox"/> Lab to Filter</p>											
<p>Comments: Samples Relinquished By <u>[Signature]</u> Date/Time <u>12/4/15 1135</u> Samples Received By <u>[Signature]</u> Date/Time <u>12/4/15 1302</u> Temperature on Receipt <u>3.8°C</u></p>											



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

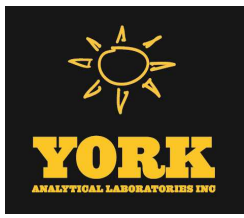
Field Chain-of-Custody Record

Page 1 of 1

York Project No. 15L0196

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

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: LBG	SAME <input checked="" type="checkbox"/>	Name: T. Sander	SAME <input checked="" type="checkbox"/>	Rowe Industries	RUSH-Same Day	Summary Report	X, PDF			QA Report	X, PDF
Address: 4 Research Drive		Company:		Purchase Order #	RUSH-Next Day	CT RCP				CT RCP	
Suite 301, Shelton CT 06484		Address:		NABBSAG	RUSH-Two Day	CT RCP DQ/DUE Pkg				NY ASP A Package	
Phone.: 203.929.8555		E-mail:			RUSH-Three Day	NY ASP B Package				NY ASP B Package	
Contact: Tunde Sandor					RUSH-Four Day	NUDEP Reduced Deliv				EXCEL	
E-mail: Tsandor@lbgcl.com					Standard (5-7day)	Excel				NYSDDEC EQUIS	X
<p><i>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.</i></p> <p>Samples Collected/Authorized By (Signature) _____ Name (printed) <u>Evan Fox</u></p>											
Matrix	Matrix Codes	Volatiles	Semi-Volatiles	Metals	Misc. Org.	Full Lists	OTHER:				
GW	S - soil Other - specify (oil, etc) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor	8260 full 624 Site Spec. STARS list BTX MTBE TCM list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list	8270 or 625 STARS list BN Only Add. Only PAH list TAGM list CT RCP list TCM list Arom. only Halog. only App. IX list 8021B list	RCRAB PPI3 list TAL CTI 5 list TAGM list NDEP list Total Dissolved SFP or TCLP TCLP Herb Chlordane 608 Pest 608 PCB	TPH GRO TPH DRO CT EPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS SFP or TCLP TCLP Herb Chlordane 608 Pest 608 PCB	PH.Poll. TCL Ognris TAL.MTCN Full TCLP Full App. IX Pul300-Ratire Pul300-Beate Pul300-Beate Pul300-Beate NYDEP-Sour NYSDDEC-Sour TAGM	Analysis Requested (List above includes common analysis) Fe by EPA 200.7; Fe dissolved by EPA 6010; VOCs 8260 full plus freon 113 Fe by EPA 200.7; Fe dissolved by EPA 6010; VOCs 8260 full plus freon 113 Fe by EPA 200.7; Fe dissolved by EPA 6010; VOCs 8260 full plus freon 113; TDS				
Sample Identification	Date+Time Sampled	Matrix	Analysis Requested	Container Description							
WB120315-1200NP2-6	12-3-15 1200	GW	Fe by EPA 200.7; Fe dissolved by EPA 6010; VOCs 8260 full plus freon 113	30A 2-250 Plastic							
WB120315-1205NP2-7	1265		Fe by EPA 200.7; Fe dissolved by EPA 6010; VOCs 8260 full plus freon 113	3-250 Plastic							
WB120315-1210NP2-10	1210		Fe by EPA 200.7; Fe dissolved by EPA 6010; VOCs 8260 full plus freon 113; TDS								
<p>Comments:</p> <p>Preservation (check all applicable): <input type="checkbox"/> Frozen <input type="checkbox"/> HCl <input checked="" type="checkbox"/> HNO₃ <input type="checkbox"/> H₂SO₄ <input type="checkbox"/> MeOH <input type="checkbox"/> NaOH <input type="checkbox"/> ZnAc <input type="checkbox"/> Ascorbic Acid <input type="checkbox"/> Other</p> <p>Special Instructions: <input type="checkbox"/> Field Filtered <input type="checkbox"/> Lab to Filter</p> <p>Samples Relinquished By: _____ Date/Time: 12/4/15 11:35 Samples Received By: _____ Date/Time: 12/4/15 1300</p> <p>Samples Relinquished By: _____ Date/Time: _____ Samples Received in L.A.B. by: _____ Date/Time: _____</p> <p>Temperature on Receipt: 3.8°C</p>											



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 204

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 12/28/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15L0775

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 12/28/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15L0775

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 December 18, 2015 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
15L0775-01	WQ121515:1000NP2-6	Water	12/15/2015	12/18/2015
15L0775-02	WQ121515:1005NP2-7	Water	12/15/2015	12/18/2015
15L0776-01	WQ121515:1010NP2-10	Water	12/15/2015	12/18/2015

General Notes for York Project (SDG) No.: 15L0775

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.

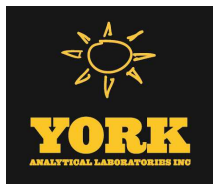
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/28/2015





Sample Information

Client Sample ID: WQ121515:1000NP2-6

York Sample ID: 15L0775-01

<u>York Project (SDG) No.</u> 15L0775	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> December 15, 2015 10:00 am	<u>Date Received</u> 12/18/2015
--	---	------------------------	---	------------------------------------

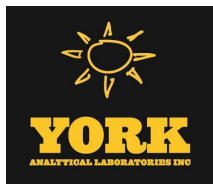
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	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	12/24/2015 14:47	12/25/2015 00:20	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS



Sample Information

Client Sample ID: WQ121515:1000NP2-6

York Sample ID: 15L0775-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0775

Rowe Industries

Water

December 15, 2015 10:00 am

12/18/2015

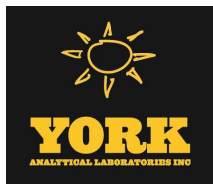
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS



Sample Information

Client Sample ID: WQ121515:1000NP2-6

York Sample ID: 15L0775-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0775

Rowe Industries

Water

December 15, 2015 10:00 am

12/18/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	12/24/2015 14:47	12/25/2015 00:20	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	12/24/2015 14:47	12/25/2015 00:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
127-18-4	Tetrachloroethylene	0.35	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
79-01-6	Trichloroethylene	0.47	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	12/24/2015 14:47	12/25/2015 00:20	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.6 %	69-130								
2037-26-5	Surrogate: Toluene-d8	96.8 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	95.0 %	79-122								

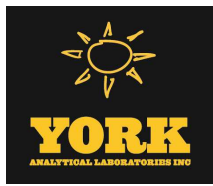
Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	1.85		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 11:49	12/22/2015 00:41	ALD



Sample Information

Client Sample ID: WQ121515:1000NP2-6

York Sample ID: 15L0775-01

<u>York Project (SDG) No.</u> 15L0775	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> December 15, 2015 10:00 am	<u>Date Received</u> 12/18/2015
--	---	------------------------	---	------------------------------------

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	0.0447		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 11:47	12/21/2015 22:12	ALD

Sample Information

Client Sample ID: WQ121515:1005NP2-7

York Sample ID: 15L0775-02

<u>York Project (SDG) No.</u> 15L0775	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> December 15, 2015 10:05 am	<u>Date Received</u> 12/18/2015
--	---	------------------------	---	------------------------------------

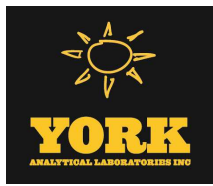
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS



Sample Information

Client Sample ID: WQ121515:1005NP2-7

York Sample ID: 15L0775-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0775

Rowe Industries

Water

December 15, 2015 10:05 am

12/18/2015

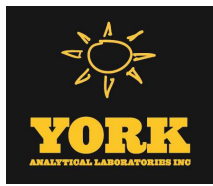
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS



Sample Information

Client Sample ID: WQ121515:1005NP2-7

York Sample ID: 15L0775-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0775

Rowe Industries

Water

December 15, 2015 10:05 am

12/18/2015

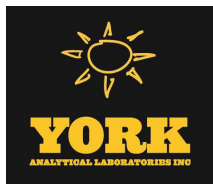
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	12/24/2015 14:47	12/25/2015 00:47	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	12/24/2015 14:47	12/25/2015 00:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 00:47	SS



Sample Information

Client Sample ID: WQ121515:1005NP2-7

York Sample ID: 15L0775-02

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 15L0775, Rowe Industries, Water, December 15, 2015 10:05 am, 12/18/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes data for Xylenes, Total and Surrogate Recoveries.

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes data for Iron.

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes data for Iron.

Sample Information

Client Sample ID: WQ121515:1010NP2-10

York Sample ID: 15L0776-01

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 15L0776, Rowe Industries, Water, December 15, 2015 10:10 am, 12/18/2015

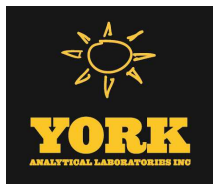
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes data for various volatile organics.



Sample Information

Client Sample ID: WQ121515:1010NP2-10

York Sample ID: 15L0776-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0776

Rowe Industries

Water

December 15, 2015 10:10 am

12/18/2015

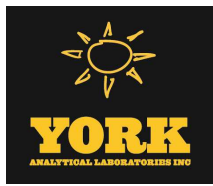
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS



Sample Information

Client Sample ID: WQ121515:1010NP2-10

York Sample ID: 15L0776-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0776

Rowe Industries

Water

December 15, 2015 10:10 am

12/18/2015

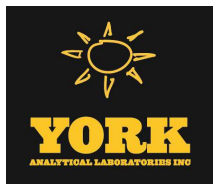
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	12/24/2015 14:47	12/25/2015 01:14	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	12/24/2015 14:47	12/25/2015 01:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS



Sample Information

Client Sample ID: WQ121515:1010NP2-10

York Sample ID: 15L0776-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0776

Rowe Industries

Water

December 15, 2015 10:10 am

12/18/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	12/24/2015 14:47	12/25/2015 01:14	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %			69-130						
2037-26-5	Surrogate: Toluene-d8	96.6 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	94.6 %			79-122						

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.927		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 11:49	12/22/2015 00:51	ALD

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

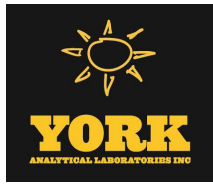
Sample Prepared by Method: EPA 3015A

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	0.0768		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 11:47	12/21/2015 22:22	ALD

Total Dissolved Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WQ121515:1010NP2-10

York Sample ID: 15L0776-01

York Project (SDG) No.
15L0776

Client Project ID
Rowe Industries

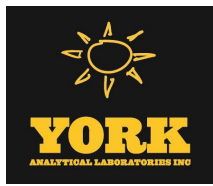
Matrix
Water

Collection Date/Time
December 15, 2015 10:10 am

Date Received
12/18/2015

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	193		mg/L	10.0	10.0	1	SM 2540C	12/18/2015 22:17	12/18/2015 22:17	AA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP		



Analytical Batch Summary

Batch ID: BL51102 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
15L0776-01	WQ121515:1010NP2-10	12/18/15
BL51102-BLK1	Blank	12/18/15

Batch ID: BL51149 **Preparation Method:** EPA 3015A **Prepared By:** ALD

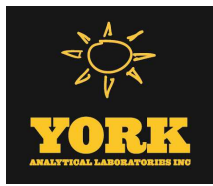
YORK Sample ID	Client Sample ID	Preparation Date
15L0775-01	WQ121515:1000NP2-6	12/21/15
15L0775-02	WQ121515:1005NP2-7	12/21/15
15L0776-01	WQ121515:1010NP2-10	12/21/15
BL51149-BLK1	Blank	12/21/15
BL51149-SRM1	Reference	12/21/15

Batch ID: BL51150 **Preparation Method:** EPA 200.7 **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15L0775-01	WQ121515:1000NP2-6	12/21/15
15L0775-02	WQ121515:1005NP2-7	12/21/15
15L0776-01	WQ121515:1010NP2-10	12/21/15
BL51150-BLK1	Blank	12/21/15
BL51150-SRM1	Reference	12/21/15

Batch ID: BL51346 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15L0775-01	WQ121515:1000NP2-6	12/24/15
15L0775-02	WQ121515:1005NP2-7	12/24/15
15L0776-01	WQ121515:1010NP2-10	12/24/15
BL51346-BLK1	Blank	12/24/15
BL51346-BS1	LCS	12/24/15
BL51346-BSD1	LCS Dup	12/24/15



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

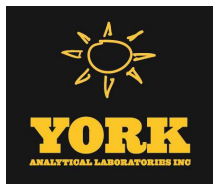
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BL51346 - EPA 5030B

Blank (BL51346-BLK1)

Prepared & Analyzed: 12/24/2015

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	"								
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 BL51346 - EPA 5030B

Blank (BL51346-BLK1)

Prepared & Analyzed: 12/24/2015

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>	9.78		"	10.0		97.8		69-130			
<i>Surrogate: Toluene-d8</i>	9.95		"	10.0		99.5		81-117			
<i>Surrogate: p-Bromofluorobenzene</i>	9.67		"	10.0		96.7		79-122			

LCS (BL51346-BS1)

Prepared & Analyzed: 12/24/2015

1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110		82-126			
1,1,1-Trichloroethane	11.2		"	10.0		112		78-136			
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106		76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104		54-165			
1,1,2-Trichloroethane	10.8		"	10.0		108		82-123			
1,1-Dichloroethane	10.8		"	10.0		108		82-129			
1,1-Dichloroethylene	10.9		"	10.0		109		68-138			
1,1-Dichloropropylene	10.7		"	10.0		107		83-133			
1,2,3-Trichlorobenzene	10.7		"	10.0		107		76-136			
1,2,3-Trichloropropane	10.5		"	10.0		105		77-128			
1,2,4-Trichlorobenzene	10.4		"	10.0		104		76-137			
1,2,4-Trimethylbenzene	10.7		"	10.0		107		82-132			
1,2-Dibromo-3-chloropropane	11.2		"	10.0		112		45-147			
1,2-Dibromoethane	10.5		"	10.0		105		83-124			
1,2-Dichlorobenzene	10.7		"	10.0		107		79-123			
1,2-Dichloroethane	10.4		"	10.0		104		73-132			
1,2-Dichloropropane	10.6		"	10.0		106		78-126			
1,3,5-Trimethylbenzene	11.0		"	10.0		110		80-131			
1,3-Dichlorobenzene	10.8		"	10.0		108		86-122			
1,3-Dichloropropane	11.0		"	10.0		110		81-125			
1,4-Dichlorobenzene	10.8		"	10.0		108		85-124			
2,2-Dichloropropane	9.96		"	10.0		99.6		56-150			
2-Chlorotoluene	10.6		"	10.0		106		79-130			
2-Hexanone	8.51		"	10.0		85.1		51-146			
4-Chlorotoluene	10.9		"	10.0		109		79-128			
Acetone	12.1		"	10.0		121		14-150			
Benzene	10.6		"	10.0		106		85-126			
Bromobenzene	10.8		"	10.0		108		78-129			
Bromochloromethane	12.7		"	10.0		127		77-128			
Bromodichloromethane	10.6		"	10.0		106		79-128			
Bromoform	10.6		"	10.0		106		78-133			
Bromomethane	10.9		"	10.0		109		43-168			
Carbon tetrachloride	10.7		"	10.0		107		77-141			
Chlorobenzene	10.8		"	10.0		108		88-120			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

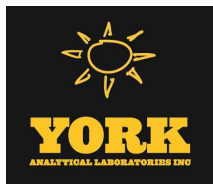
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BL51346 - EPA 5030B

LCS (BL51346-BS1)

Prepared & Analyzed: 12/24/2015

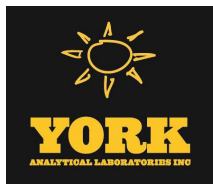
Chloroethane	8.23		ug/L	10.0		82.3	65-136				
Chloroform	12.0		"	10.0		120	82-128				
Chloromethane	11.1		"	10.0		111	43-155				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-131				
Dibromochloromethane	10.7		"	10.0		107	80-130				
Dibromomethane	11.0		"	10.0		110	72-134				
Dichlorodifluoromethane	10.4		"	10.0		104	44-144				
Ethyl Benzene	10.8		"	10.0		108	80-131				
Hexachlorobutadiene	10.7		"	10.0		107	67-146				
Isopropylbenzene	11.1		"	10.0		111	76-140				
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	76-135				
Methylene chloride	10.5		"	10.0		105	55-137				
Naphthalene	10.6		"	10.0		106	70-147				
n-Butylbenzene	10.8		"	10.0		108	79-132				
n-Propylbenzene	10.9		"	10.0		109	78-133				
o-Xylene	10.9		"	10.0		109	78-130				
p- & m- Xylenes	22.0		"	20.0		110	77-133				
p-Isopropyltoluene	11.1		"	10.0		111	81-136				
sec-Butylbenzene	11.0		"	10.0		110	79-137				
Styrene	11.1		"	10.0		111	67-132				
tert-Butylbenzene	10.8		"	10.0		108	77-138				
Tetrachloroethylene	10.5		"	10.0		105	82-131				
Toluene	10.5		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	78-131				
Trichloroethylene	10.3		"	10.0		103	82-128				
Trichlorofluoromethane	10.6		"	10.0		106	67-139				
Vinyl Chloride	10.8		"	10.0		108	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>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.98</i>		<i>"</i>	<i>10.0</i>		<i>99.8</i>	<i>79-122</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
Batch BL51346 - EPA 5030B										
LCS Dup (BL51346-BSD1)										
Prepared & Analyzed: 12/24/2015										
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0	105	82-126			4.48	30
1,1,1-Trichloroethane	9.86		"	10.0	98.6	78-136			12.6	30
1,1,2,2-Tetrachloroethane	10.2		"	10.0	102	76-129			3.64	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.83		"	10.0	98.3	54-165			5.64	30
1,1,2-Trichloroethane	9.79		"	10.0	97.9	82-123			9.90	30
1,1-Dichloroethane	10.3		"	10.0	103	82-129			4.55	30
1,1-Dichloroethylene	10.3		"	10.0	103	68-138			6.32	30
1,1-Dichloropropylene	10.6		"	10.0	106	83-133			1.41	30
1,2,3-Trichlorobenzene	10.2		"	10.0	102	76-136			4.59	30
1,2,3-Trichloropropane	9.96		"	10.0	99.6	77-128			5.09	30
1,2,4-Trichlorobenzene	10.1		"	10.0	101	76-137			2.93	30
1,2,4-Trimethylbenzene	10.4		"	10.0	104	82-132			2.47	30
1,2-Dibromo-3-chloropropane	10.6		"	10.0	106	45-147			4.78	30
1,2-Dibromoethane	10.3		"	10.0	103	83-124			2.31	30
1,2-Dichlorobenzene	10.2		"	10.0	102	79-123			5.06	30
1,2-Dichloroethane	10.0		"	10.0	100	73-132			3.63	30
1,2-Dichloropropane	10.5		"	10.0	105	78-126			0.760	30
1,3,5-Trimethylbenzene	10.6		"	10.0	106	80-131			3.71	30
1,3-Dichlorobenzene	10.6		"	10.0	106	86-122			1.88	30
1,3-Dichloropropane	10.3		"	10.0	103	81-125			6.37	30
1,4-Dichlorobenzene	10.6		"	10.0	106	85-124			2.24	30
2,2-Dichloropropane	9.83		"	10.0	98.3	56-150			1.31	30
2-Chlorotoluene	10.6		"	10.0	106	79-130			0.0944	30
2-Hexanone	7.76		"	10.0	77.6	51-146			9.22	30
4-Chlorotoluene	10.5		"	10.0	105	79-128			3.45	30
Acetone	10.6		"	10.0	106	14-150			13.4	30
Benzene	10.4		"	10.0	104	85-126			2.01	30
Bromobenzene	10.1		"	10.0	101	78-129			6.12	30
Bromochloromethane	10.4		"	10.0	104	77-128			19.7	30
Bromodichloromethane	10.2		"	10.0	102	79-128			4.71	30
Bromoform	10.2		"	10.0	102	78-133			3.73	30
Bromomethane	11.4		"	10.0	114	43-168			4.29	30
Carbon tetrachloride	10.7		"	10.0	107	77-141			0.655	30
Chlorobenzene	10.6		"	10.0	106	88-120			1.88	30
Chloroethane	8.05		"	10.0	80.5	65-136			2.21	30
Chloroform	10.2		"	10.0	102	82-128			15.7	30
Chloromethane	10.9		"	10.0	109	43-155			2.18	30
cis-1,2-Dichloroethylene	10.3		"	10.0	103	83-129			2.87	30
cis-1,3-Dichloropropylene	9.95		"	10.0	99.5	80-131			3.55	30
Dibromochloromethane	10.1		"	10.0	101	80-130			5.76	30
Dibromomethane	10.2		"	10.0	102	72-134			6.80	30
Dichlorodifluoromethane	10.4		"	10.0	104	44-144			0.481	30
Ethyl Benzene	10.5		"	10.0	105	80-131			2.62	30
Hexachlorobutadiene	10.7		"	10.0	107	67-146			0.374	30
Isopropylbenzene	10.8		"	10.0	108	76-140			2.64	30
Methyl tert-butyl ether (MTBE)	9.68		"	10.0	96.8	76-135			7.94	30
Methylene chloride	10.1		"	10.0	101	55-137			4.27	30
Naphthalene	9.91		"	10.0	99.1	70-147			6.45	30
n-Butylbenzene	10.6		"	10.0	106	79-132			2.06	30
n-Propylbenzene	10.9		"	10.0	109	78-133			0.0919	30
o-Xylene	10.5		"	10.0	105	78-130			3.54	30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

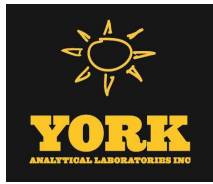
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BL51346 - EPA 5030B

LCS Dup (BL51346-BSD1)

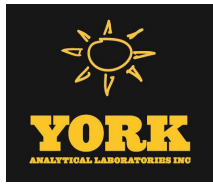
Prepared & Analyzed: 12/24/2015

p- & m- Xylenes	21.3		ug/L	20.0		107	77-133		3.23	30	
p-Isopropyltoluene	10.9		"	10.0		109	81-136		2.09	30	
sec-Butylbenzene	10.9		"	10.0		109	79-137		1.28	30	
Styrene	10.8		"	10.0		108	67-132		2.64	30	
tert-Butylbenzene	10.6		"	10.0		106	77-138		2.43	30	
Tetrachloroethylene	10.2		"	10.0		102	82-131		3.10	30	
Toluene	10.4		"	10.0		104	80-127		1.15	30	
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132		4.81	30	
trans-1,3-Dichloropropylene	9.75		"	10.0		97.5	78-131		6.64	30	
Trichloroethylene	10.2		"	10.0		102	82-128		0.389	30	
Trichlorofluoromethane	10.1		"	10.0		101	67-139		5.00	30	
Vinyl Chloride	10.5		"	10.0		105	58-145		2.81	30	
<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>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</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>				



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 BL51149 - EPA 3015A											
Blank (BL51149-BLK1)										Prepared & Analyzed: 12/21/2015	
Iron - Dissolved	ND	0.0200	mg/L								
Reference (BL51149-SRM1)										Prepared & Analyzed: 12/21/2015	
Iron - Dissolved	0.585		ug/mL	0.570		103	85.1-115.1				
Batch BL51150 - EPA 200.7											
Blank (BL51150-BLK1)										Prepared & Analyzed: 12/21/2015	
Iron	ND	0.0200	mg/L								
Reference (BL51150-SRM1)										Prepared & Analyzed: 12/21/2015	
Iron	0.598		ug/mL	0.570		105	85.1-115.1				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

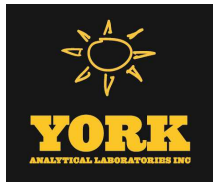
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BL51102 - % Solids Prep

Blank (BL51102-BLK1)

Prepared & Analyzed: 12/18/2015

Total Dissolved Solids	ND	10.0	mg/L								
------------------------	----	------	------	--	--	--	--	--	--	--	--



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15L0775-01	WQ121515:1000NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0775-02	WQ121515:1005NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0776-01	WQ121515:1010NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

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

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

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

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

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

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

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

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

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK

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

Field Chain-of-Custody Record

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

Page 1 of 1
York Project No. 15L0775

YOUR Information

Company: LBG
Address: 4 Research Dr. Suite 301
Shelton CT 06484
Phone No. 203-929-8535
Contact Person: Jane Sander
E-Mail Address: J.Sander@LBGCT.com

Report To:

Company: Same
Address: _____
Phone No. _____
Attention: _____
E-Mail Address: _____

Invoice To:

Company: RWC Industries
Purchase Order No.: HAB5AG

YOUR Project ID

Turn-Around Time
 RUSH - Same Day
 RUSH - Next Day
 RUSH - Two Day
 RUSH - Three Day
 RUSH - Four Day
 Standard (5-7 Days)

Report Type

Summary Report: pdf
 Summary w/ QA Summary: pdf
 CT RCP Package
 CT RCP DOA/DUE Pkg
 NY ASP/A Package
 NY ASP B Package NY 2-10 only
 NIDEP Red. Deliv.
 Electronic Data Deliverables (EDD)

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

Choose Analyses Needed from the Menu Above and Enter Below

8270 or 625	8082 PCB	Metals	Misc. Org.	Full Lists	Misc.
STARS list	808 IP est	RCRA	TPH GRO	Fil. Pol.	Cerrosivity
BIN Only	815 Herb	PP13 list	TPH DRO	TCL Opaits	Reactivity
PAH list	CT RCP	CT 15 list	CT ETPH	TAL Metc	Equibilty
App. IX	Site Spec	TAGM list	TPH 1669	Full TCLP	Flah Point
CT RCP list	NUDEP list	NUDEP list	TPH 1664	Full App. IX	Site Anal
TCL list	CT RCP list	TCL list	Air TO15	Particulate	Heavy Metals
TAGM list	Site Spec	NUDEP list	Air TO15	Particulate	Heavy Metals
TCL list	CT RCP list	TCL list	Air TO15	Particulate	Heavy Metals
CT RCP list	Site Spec	NUDEP list	Air TO15	Particulate	Heavy Metals
Air-A only	NUDEP list	TCL list	Air TO15	Particulate	Heavy Metals
Holog. only	NUDEP list	TCL list	Air TO15	Particulate	Heavy Metals
App. IX list	CT RCP list	TCL list	Air TO15	Particulate	Heavy Metals
8021B list	Site Spec	NUDEP list	Air TO15	Particulate	Heavy Metals

Sample Identification	Date Sampled	Sample Matrix	Container Description(s)
WQ121515: 1000 NP2-6	12-15-15	GW	VOCS + PLASTIC
WQ121515: 1005 NP2-7	↓	GW	↓
WQ121515: 1010 NP2-10	↓	GW	↓

Comments

Fe by EPA 800.77 Fe, Dissolved by EPA 6010 (SW 846-0108) / VCS
 PAH list (EPA SW 846-8100A) plus from 13 / TO 5 (SH 2540.5)

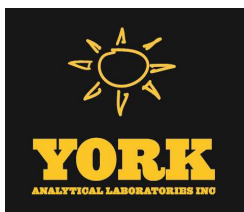
Fe by EPA 800.77 Fe, Dissolved by EPA 6010 (SW 846-0108) / VCS
 PAH list (EPA SW 846-8100A) plus from 13 / TO 5 (SH 2540.5)

Fe by EPA 800.77 Fe, Dissolved by EPA 6010 (SW 846-0108) / VCS
 PAH list (EPA SW 846-8100A) plus from 13 / TO 5 (SH 2540.5)

UNO, H₂SO₄, NaOH
 Other: _____
 LB6 Friday 12/16/15 1300
 Samples Received By: _____ Date/Time
 Samples Received in LAB by: _____ Date/Time
 Temperature on Receipt: 3.0 °C

Dec'd by 12/18/15 12:10

APPENDIX II
DECEMBER 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: 12/11/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15L0194

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 12/11/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15L0194

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 December 04, 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>
15L0194-01	WQ120315:1235NP1-1-2	Water	12/03/2015	12/04/2015

General Notes for York Project (SDG) No.: 15L0194

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.

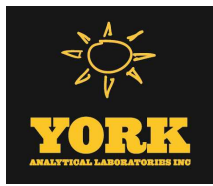
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/11/2015





Sample Information

Client Sample ID: WQ120315:1235NP1-1-2

York Sample ID: 15L0194-01

<u>York Project (SDG) No.</u> 15L0194	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> December 3, 2015 12:35 pm	<u>Date Received</u> 12/04/2015
--	---	------------------------	--	------------------------------------

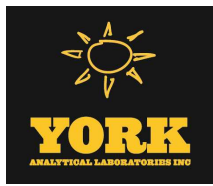
Volatile Organics, 8260 List - Low Level

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	12/10/2015 20:15	12/11/2015 07:55	SS
71-55-6	1,1,1-Trichloroethane	0.26	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	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	12/10/2015 20:15	12/11/2015 07:55	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS



Sample Information

Client Sample ID: WQ120315:1235NP1-1-2

York Sample ID: 15L0194-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0194

Rowe Industries

Water

December 3, 2015 12:35 pm

12/04/2015

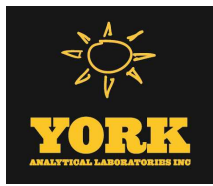
Volatile Organics, 8260 List - Low Level

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	12/10/2015 20:15	12/11/2015 07:55	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
74-83-9	Bromomethane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS



Sample Information

Client Sample ID: WQ120315:1235NP1-1-2

York Sample ID: 15L0194-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0194

Rowe Industries

Water

December 3, 2015 12:35 pm

12/04/2015

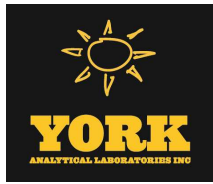
Volatile Organics, 8260 List - Low Level

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	12/10/2015 20:15	12/11/2015 07:55	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	12/10/2015 20:15	12/11/2015 07:55	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	12/10/2015 20:15	12/11/2015 07:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
127-18-4	Tetrachloroethylene	0.35	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
79-01-6	Trichloroethylene	0.53		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	12/10/2015 20:15	12/11/2015 07:55	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	89.6 %	69-130								
2037-26-5	Surrogate: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	79-122								



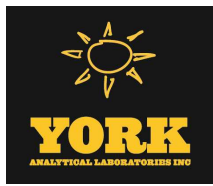
Analytical Batch Summary

Batch ID: BL50617

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
15L0194-01	WQ120315:1235NP1-1-2	12/10/15
BL50617-BLK1	Blank	12/10/15
BL50617-BS1	LCS	12/10/15
BL50617-BSD1	LCS Dup	12/10/15



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
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BL50617 - EPA 5030B

Blank (BL50617-BLK1)

Prepared: 12/10/2015 Analyzed: 12/11/2015

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	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	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	2.2	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	2.0	"								
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 BL50617 - EPA 5030B

Blank (BL50617-BLK1)

Prepared: 12/10/2015 Analyzed: 12/11/2015

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>	9.29		"	10.0		92.9		69-130			
<i>Surrogate: Toluene-d8</i>	10.2		"	10.0		102		81-117			
<i>Surrogate: p-Bromofluorobenzene</i>	10.3		"	10.0		103		79-122			

LCS (BL50617-BS1)

Prepared: 12/10/2015 Analyzed: 12/11/2015

1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106		82-126			
1,1,1-Trichloroethane	9.96		"	10.0		99.6		78-136			
1,1,2,2-Tetrachloroethane	11.5		"	10.0		115		76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102		54-165			
1,1,2-Trichloroethane	10.6		"	10.0		106		82-123			
1,1-Dichloroethane	10.8		"	10.0		108		82-129			
1,1-Dichloroethylene	10.1		"	10.0		101		68-138			
1,1-Dichloropropylene	10.1		"	10.0		101		83-133			
1,2,3-Trichlorobenzene	10.8		"	10.0		108		76-136			
1,2,3-Trichloropropane	10.8		"	10.0		108		77-128			
1,2,4-Trichlorobenzene	10.9		"	10.0		109		76-137			
1,2,4-Trimethylbenzene	11.2		"	10.0		112		82-132			
1,2-Dibromo-3-chloropropane	9.56		"	10.0		95.6		45-147			
1,2-Dibromoethane	10.4		"	10.0		104		83-124			
1,2-Dichlorobenzene	10.7		"	10.0		107		79-123			
1,2-Dichloroethane	9.30		"	10.0		93.0		73-132			
1,2-Dichloropropane	10.7		"	10.0		107		78-126			
1,3,5-Trimethylbenzene	11.5		"	10.0		115		80-131			
1,3-Dichlorobenzene	10.9		"	10.0		109		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	7.47		"	10.0		74.7		56-150			
2-Chlorotoluene	10.8		"	10.0		108		79-130			
2-Hexanone	10.6		"	10.0		106		51-146			
4-Chlorotoluene	10.8		"	10.0		108		79-128			
Acetone	10.2		"	10.0		102		14-150			
Benzene	11.2		"	10.0		112		85-126			
Bromobenzene	11.2		"	10.0		112		78-129			
Bromochloromethane	11.8		"	10.0		118		77-128			
Bromodichloromethane	10.1		"	10.0		101		79-128			
Bromoform	10.1		"	10.0		101		78-133			
Bromomethane	15.7		"	10.0		157		43-168			
Carbon tetrachloride	10.6		"	10.0		106		77-141			
Chlorobenzene	10.6		"	10.0		106		88-120			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BL50617 - EPA 5030B

LCS (BL50617-BS1)

Prepared: 12/10/2015 Analyzed: 12/11/2015

Chloroethane	10.2		ug/L	10.0		102	65-136						
Chloroform	10.4		"	10.0		104	82-128						
Chloromethane	5.98		"	10.0		59.8	43-155						
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129						
cis-1,3-Dichloropropylene	9.26		"	10.0		92.6	80-131						
Dibromochloromethane	10.2		"	10.0		102	80-130						
Dibromomethane	10.7		"	10.0		107	72-134						
Dichlorodifluoromethane	8.63		"	10.0		86.3	44-144						
Ethyl Benzene	10.9		"	10.0		109	80-131						
Hexachlorobutadiene	9.99		"	10.0		99.9	67-146						
Isopropylbenzene	11.3		"	10.0		113	76-140						
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	76-135						
Methylene chloride	9.64		"	10.0		96.4	55-137						
Naphthalene	11.2		"	10.0		112	70-147						
n-Butylbenzene	10.8		"	10.0		108	79-132						
n-Propylbenzene	11.2		"	10.0		112	78-133						
o-Xylene	10.4		"	10.0		104	78-130						
p- & m- Xylenes	21.4		"	20.0		107	77-133						
p-Isopropyltoluene	11.0		"	10.0		110	81-136						
sec-Butylbenzene	10.8		"	10.0		108	79-137						
Styrene	11.7		"	10.0		117	67-132						
tert-Butylbenzene	11.1		"	10.0		111	77-138						
Tetrachloroethylene	9.25		"	10.0		92.5	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	8.67		"	10.0		86.7	78-131						
Trichloroethylene	10.1		"	10.0		101	82-128						
Trichlorofluoromethane	8.21		"	10.0		82.1	67-139						
Vinyl Chloride	9.89		"	10.0		98.9	58-145						
Surrogate: 1,2-Dichloroethane-d4	9.14		"	10.0		91.4	69-130						
Surrogate: Toluene-d8	9.96		"	10.0		99.6	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.

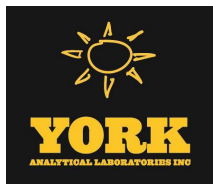
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BL50617 - EPA 5030B

LCS Dup (BL50617-BSD1)

Prepared: 12/10/2015 Analyzed: 12/11/2015

1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0		112	82-126		5.14	30	
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136		1.89	30	
1,1,2,2-Tetrachloroethane	12.7		"	10.0		127	76-129		9.95	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165		1.08	30	
1,1,2-Trichloroethane	11.1		"	10.0		111	82-123		4.98	30	
1,1-Dichloroethane	11.1		"	10.0		111	82-129		2.65	30	
1,1-Dichloroethylene	10.6		"	10.0		106	68-138		4.93	30	
1,1-Dichloropropylene	10.4		"	10.0		104	83-133		3.12	30	
1,2,3-Trichlorobenzene	11.7		"	10.0		117	76-136		7.79	30	
1,2,3-Trichloropropane	11.8		"	10.0		118	77-128		7.96	30	
1,2,4-Trichlorobenzene	11.9		"	10.0		119	76-137		8.80	30	
1,2,4-Trimethylbenzene	12.1		"	10.0		121	82-132		7.71	30	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	45-147		5.99	30	
1,2-Dibromoethane	10.5		"	10.0		105	83-124		0.960	30	
1,2-Dichlorobenzene	11.8		"	10.0		118	79-123		9.68	30	
1,2-Dichloroethane	9.10		"	10.0		91.0	73-132		2.17	30	
1,2-Dichloropropane	11.0		"	10.0		110	78-126		2.67	30	
1,3,5-Trimethylbenzene	12.3		"	10.0		123	80-131		6.48	30	
1,3-Dichlorobenzene	11.7		"	10.0		117	86-122		7.45	30	
1,3-Dichloropropane	11.1		"	10.0		111	81-125		3.29	30	
1,4-Dichlorobenzene	11.8		"	10.0		118	85-124		9.88	30	
2,2-Dichloropropane	7.46		"	10.0		74.6	56-150		0.134	30	
2-Chlorotoluene	11.8		"	10.0		118	79-130		8.13	30	
2-Hexanone	11.3		"	10.0		113	51-146		6.50	30	
4-Chlorotoluene	12.0		"	10.0		120	79-128		9.99	30	
Acetone	10.4		"	10.0		104	14-150		1.36	30	
Benzene	11.4		"	10.0		114	85-126		1.77	30	
Bromobenzene	12.1		"	10.0		121	78-129		7.57	30	
Bromochloromethane	12.0		"	10.0		120	77-128		2.02	30	
Bromodichloromethane	10.5		"	10.0		105	79-128		3.68	30	
Bromoform	10.8		"	10.0		108	78-133		6.79	30	
Bromomethane	15.3		"	10.0		153	43-168		2.58	30	
Carbon tetrachloride	10.7		"	10.0		107	77-141		1.41	30	
Chlorobenzene	11.2		"	10.0		112	88-120		5.04	30	
Chloroethane	10.2		"	10.0		102	65-136		0.295	30	
Chloroform	10.6		"	10.0		106	82-128		2.10	30	
Chloromethane	6.44		"	10.0		64.4	43-155		7.41	30	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129		0.776	30	
cis-1,3-Dichloropropylene	9.47		"	10.0		94.7	80-131		2.24	30	
Dibromochloromethane	10.8		"	10.0		108	80-130		5.41	30	
Dibromomethane	10.5		"	10.0		105	72-134		1.32	30	
Dichlorodifluoromethane	8.86		"	10.0		88.6	44-144		2.63	30	
Ethyl Benzene	11.3		"	10.0		113	80-131		3.78	30	
Hexachlorobutadiene	10.8		"	10.0		108	67-146		7.33	30	
Isopropylbenzene	12.1		"	10.0		121	76-140		6.41	30	
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	76-135		0.569	30	
Methylene chloride	9.80		"	10.0		98.0	55-137		1.65	30	
Naphthalene	11.9		"	10.0		119	70-147		5.63	30	
n-Butylbenzene	11.7		"	10.0		117	79-132		7.63	30	
n-Propylbenzene	12.0		"	10.0		120	78-133		7.04	30	
o-Xylene	10.9		"	10.0		109	78-130		4.88	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

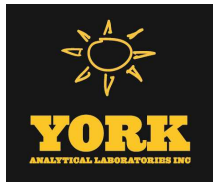
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BL50617 - EPA 5030B

LCS Dup (BL50617-BSD1)

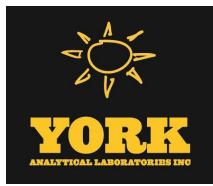
Prepared: 12/10/2015 Analyzed: 12/11/2015

p- & m- Xylenes	22.5		ug/L	20.0		112	77-133		5.07	30	
p-Isopropyltoluene	11.9		"	10.0		119	81-136		7.41	30	
sec-Butylbenzene	11.8		"	10.0		118	79-137		8.33	30	
Styrene	12.3		"	10.0		123	67-132		5.24	30	
tert-Butylbenzene	11.8		"	10.0		118	77-138		6.19	30	
Tetrachloroethylene	9.52		"	10.0		95.2	82-131		2.88	30	
Toluene	10.9		"	10.0		109	80-127		3.35	30	
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132		1.35	30	
trans-1,3-Dichloropropylene	9.02		"	10.0		90.2	78-131		3.96	30	
Trichloroethylene	10.3		"	10.0		103	82-128		2.65	30	
Trichlorofluoromethane	8.61		"	10.0		86.1	67-139		4.76	30	
Vinyl Chloride	10.3		"	10.0		103	58-145		3.67	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	8.68		"	10.0		86.8	69-130				
<i>Surrogate: Toluene-d8</i>	9.88		"	10.0		98.8	81-117				
<i>Surrogate: p-Bromofluorobenzene</i>	10.5		"	10.0		105	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15L0194-01	WQ120315:1235NP1-1-2	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.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
<hr/>	
*	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.

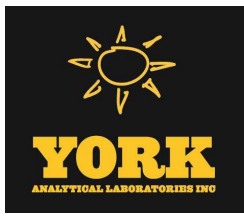
If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

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.



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 204

Shelton CT, 06484

Attention: Tunde Komuves-Sandor

Report Date: 12/14/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15L0192

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 12/14/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15L0192

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 December 04, 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>
15L0192-01	WQ120315:1215FRW-1	Water	12/03/2015	12/04/2015
15L0192-02	WQ120315:1220FRW-2	Water	12/03/2015	12/04/2015
15L0192-03	WQ120315:1225FRW-3	Water	12/03/2015	12/04/2015
15L0192-04	WQ120315:1230FRW-4	Water	12/03/2015	12/04/2015

General Notes for York Project (SDG) No.: 15L0192

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.

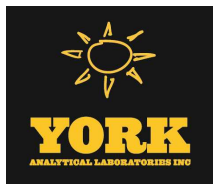
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/14/2015





Sample Information

Client Sample ID: WQ120315:1215FRW-1

York Sample ID: 15L0192-01

<u>York Project (SDG) No.</u> 15L0192	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> December 3, 2015 12:15 pm	<u>Date Received</u> 12/04/2015
--	---	------------------------	--	------------------------------------

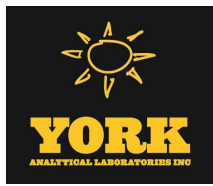
Volatile Organics, 8260 List - Low Level

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	12/11/2015 08:59	12/11/2015 23:12	BK
71-55-6	1,1,1-Trichloroethane	0.34	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
75-34-3	1,1-Dichloroethane	0.32	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK



Sample Information

Client Sample ID: WQ120315:1215FRW-1

York Sample ID: 15L0192-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0192

Rowe Industries

Water

December 3, 2015 12:15 pm

12/04/2015

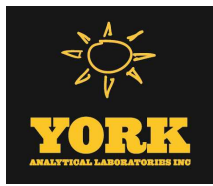
Volatile Organics, 8260 List - Low Level

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	12/11/2015 08:59	12/11/2015 23:12	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
67-64-1	Acetone	2.7	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
156-59-2	cis-1,2-Dichloroethylene	37		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK



Sample Information

Client Sample ID: WQ120315:1215FRW-1

York Sample ID: 15L0192-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0192

Rowe Industries

Water

December 3, 2015 12:15 pm

12/04/2015

Volatile Organics, 8260 List - Low Level

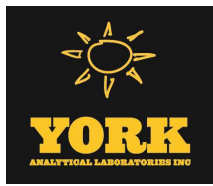
Log-in Notes:

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	12/11/2015 08:59	12/11/2015 23:12	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	12/11/2015 08:59	12/11/2015 23:12	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	12/11/2015 08:59	12/11/2015 23:12	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
127-18-4	Tetrachloroethylene	24		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
79-01-6	Trichloroethylene	2.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
75-01-4	Vinyl Chloride	0.96		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	12/11/2015 08:59	12/11/2015 23:12	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	69-130
2037-26-5	Surrogate: Toluene-d8	96.7 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	93.5 %	79-122



Sample Information

Client Sample ID: WQ120315:1220FRW-2

York Sample ID: 15L0192-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0192

Rowe Industries

Water

December 3, 2015 12:20 pm

12/04/2015

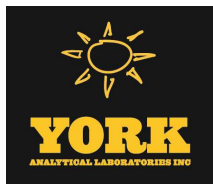
Volatile Organics, 8260 List - Low Level

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	12/11/2015 08:59	12/11/2015 23:55	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK



Sample Information

Client Sample ID: WQ120315:1220FRW-2

York Sample ID: 15L0192-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0192

Rowe Industries

Water

December 3, 2015 12:20 pm

12/04/2015

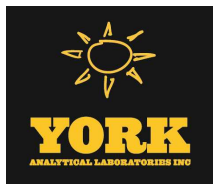
Volatile Organics, 8260 List - Low Level

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	12/11/2015 08:59	12/11/2015 23:55	BK
67-64-1	Acetone	2.3	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
156-59-2	cis-1,2-Dichloroethylene	34		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK



Sample Information

Client Sample ID: WQ120315:1220FRW-2

York Sample ID: 15L0192-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0192

Rowe Industries

Water

December 3, 2015 12:20 pm

12/04/2015

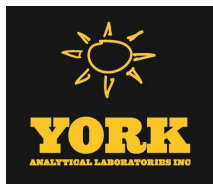
Volatile Organics, 8260 List - Low Level

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	12/11/2015 08:59	12/11/2015 23:55	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	12/11/2015 08:59	12/11/2015 23:55	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	12/11/2015 08:59	12/11/2015 23:55	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
127-18-4	Tetrachloroethylene	37		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
108-88-3	Toluene	0.76		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
79-01-6	Trichloroethylene	8.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
75-01-4	Vinyl Chloride	0.83		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	12/11/2015 08:59	12/11/2015 23:55	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.6 %	69-130								
2037-26-5	Surrogate: Toluene-d8	99.6 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	95.5 %	79-122								



Sample Information

Client Sample ID: WQ120315:1225FRW-3

York Sample ID: 15L0192-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0192

Rowe Industries

Water

December 3, 2015 12:25 pm

12/04/2015

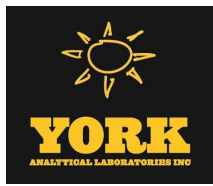
Volatile Organics, 8260 List - Low Level

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	12/11/2015 08:59	12/12/2015 00:38	BK
71-55-6	1,1,1-Trichloroethane	0.38	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
75-34-3	1,1-Dichloroethane	0.29	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK



Sample Information

Client Sample ID: WQ120315:1225FRW-3

York Sample ID: 15L0192-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0192

Rowe Industries

Water

December 3, 2015 12:25 pm

12/04/2015

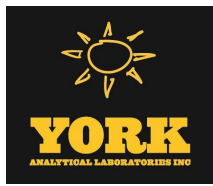
Volatile Organics, 8260 List - Low Level

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	12/11/2015 08:59	12/12/2015 00:38	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
67-64-1	Acetone	ND	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
156-59-2	cis-1,2-Dichloroethylene	96		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 17:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
98-82-8	Isopropylbenzene	0.41	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK



Sample Information

Client Sample ID: WQ120315:1225FRW-3

York Sample ID: 15L0192-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0192

Rowe Industries

Water

December 3, 2015 12:25 pm

12/04/2015

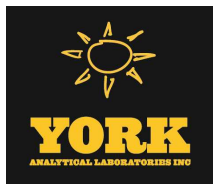
Volatile Organics, 8260 List - Low Level

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	12/11/2015 08:59	12/12/2015 00:38	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
103-65-1	n-Propylbenzene	0.20	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	12/11/2015 08:59	12/12/2015 00:38	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	12/11/2015 08:59	12/12/2015 00:38	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
127-18-4	Tetrachloroethylene	34		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
156-60-5	trans-1,2-Dichloroethylene	3.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
79-01-6	Trichloroethylene	3.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
75-01-4	Vinyl Chloride	0.70		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	12/11/2015 08:59	12/12/2015 00:38	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	69-130								
2037-26-5	Surrogate: Toluene-d8	80.8 %	S-08	81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	90.7 %	79-122								



Sample Information

Client Sample ID: WQ120315:1230FRW-4

York Sample ID: 15L0192-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0192

Rowe Industries

Water

December 3, 2015 12:30 pm

12/04/2015

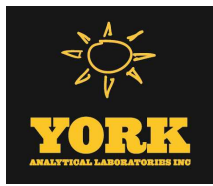
Volatile Organics, 8260 List - Low Level

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	12/11/2015 08:59	12/12/2015 01:21	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK



Sample Information

Client Sample ID: WQ120315:1230FRW-4

York Sample ID: 15L0192-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0192

Rowe Industries

Water

December 3, 2015 12:30 pm

12/04/2015

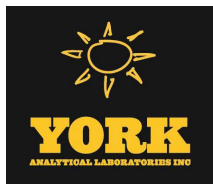
Volatile Organics, 8260 List - Low Level

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	12/11/2015 08:59	12/12/2015 01:21	BK
67-64-1	Acetone	ND	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
156-59-2	cis-1,2-Dichloroethylene	0.28	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK



Sample Information

Client Sample ID: WQ120315:1230FRW-4

York Sample ID: 15L0192-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0192

Rowe Industries

Water

December 3, 2015 12:30 pm

12/04/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

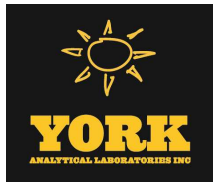
CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	12/11/2015 08:59	12/12/2015 01:21	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	12/11/2015 08:59	12/12/2015 01:21	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
127-18-4	Tetrachloroethylene	2.7		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	12/11/2015 08:59	12/12/2015 01:21	BK

Surrogate Recoveries

Result

Acceptance Range

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	69-130
2037-26-5	Surrogate: Toluene-d8	88.7 %	81-117
460-00-4	Surrogate: p-Bromofluorobenzene	89.8 %	79-122



Analytical Batch Summary

Batch ID: BL50652

Preparation Method: EPA 5030B

Prepared By: OW

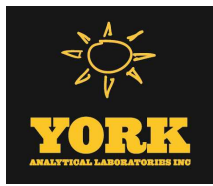
YORK Sample ID	Client Sample ID	Preparation Date
15L0192-01	WQ120315:1215FRW-1	12/11/15
15L0192-02	WQ120315:1220FRW-2	12/11/15
15L0192-03	WQ120315:1225FRW-3	12/11/15
15L0192-04	WQ120315:1230FRW-4	12/11/15
BL50652-BLK1	Blank	12/11/15
BL50652-BS1	LCS	12/11/15
BL50652-BSD1	LCS Dup	12/11/15

Batch ID: BL50717

Preparation Method: EPA 5030B

Prepared By: OW

YORK Sample ID	Client Sample ID	Preparation Date
15L0192-03RE1	WQ120315:1225FRW-3	12/12/15
BL50717-BLK1	Blank	12/12/15
BL50717-BS1	LCS	12/12/15
BL50717-BSD1	LCS Dup	12/12/15



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

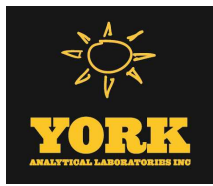
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BL50652 - EPA 5030B

Blank (BL50652-BLK1)

Prepared & Analyzed: 12/11/2015

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	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	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BL50652 - EPA 5030B

Blank (BL50652-BLK1)

Prepared & Analyzed: 12/11/2015

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

Surrogate: 1,2-Dichloroethane-d4

10.1

"

10.0

101

69-130

Surrogate: Toluene-d8

10.3

"

10.0

103

81-117

Surrogate: p-Bromofluorobenzene

9.71

"

10.0

97.1

79-122

LCS (BL50652-BS1)

Prepared & Analyzed: 12/11/2015

1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126				
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136				
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.04		"	10.0		90.4	54-165				
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123				
1,1-Dichloroethane	10.5		"	10.0		105	82-129				
1,1-Dichloroethylene	9.52		"	10.0		95.2	68-138				
1,1-Dichloropropylene	9.73		"	10.0		97.3	83-133				
1,2,3-Trichlorobenzene	11.0		"	10.0		110	76-136				
1,2,3-Trichloropropane	10.9		"	10.0		109	77-128				
1,2,4-Trichlorobenzene	10.6		"	10.0		106	76-137				
1,2,4-Trimethylbenzene	11.2		"	10.0		112	82-132				
1,2-Dibromo-3-chloropropane	13.0		"	10.0		130	45-147				
1,2-Dibromoethane	11.2		"	10.0		112	83-124				
1,2-Dichlorobenzene	10.8		"	10.0		108	79-123				
1,2-Dichloroethane	9.98		"	10.0		99.8	73-132				
1,2-Dichloropropane	10.9		"	10.0		109	78-126				
1,3,5-Trimethylbenzene	10.9		"	10.0		109	80-131				
1,3-Dichlorobenzene	11.1		"	10.0		111	86-122				
1,3-Dichloropropane	10.8		"	10.0		108	81-125				
1,4-Dichlorobenzene	11.0		"	10.0		110	85-124				
2,2-Dichloropropane	9.60		"	10.0		96.0	56-150				
2-Chlorotoluene	10.7		"	10.0		107	79-130				
2-Hexanone	11.0		"	10.0		110	51-146				
4-Chlorotoluene	10.8		"	10.0		108	79-128				
Acetone	7.81		"	10.0		78.1	14-150				
Benzene	10.5		"	10.0		105	85-126				
Bromobenzene	11.1		"	10.0		111	78-129				
Bromochloromethane	10.5		"	10.0		105	77-128				
Bromodichloromethane	11.1		"	10.0		111	79-128				
Bromoform	14.0		"	10.0		140	78-133	High Bias			
Bromomethane	5.58		"	10.0		55.8	43-168				
Carbon tetrachloride	9.36		"	10.0		93.6	77-141				
Chlorobenzene	10.8		"	10.0		108	88-120				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

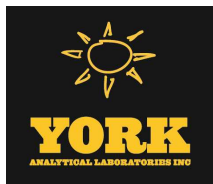
Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					RPD	

Batch BL50652 - EPA 5030B

LCS (BL50652-BS1)

Prepared & Analyzed: 12/11/2015

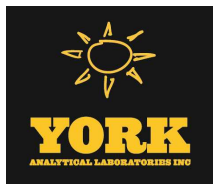
Chloroethane	9.71		ug/L	10.0		97.1	65-136				
Chloroform	10.5		"	10.0		105	82-128				
Chloromethane	8.62		"	10.0		86.2	43-155				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129				
cis-1,3-Dichloropropylene	9.93		"	10.0		99.3	80-131				
Dibromochloromethane	10.9		"	10.0		109	80-130				
Dibromomethane	11.0		"	10.0		110	72-134				
Dichlorodifluoromethane	7.62		"	10.0		76.2	44-144				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Hexachlorobutadiene	10.2		"	10.0		102	67-146				
Isopropylbenzene	10.9		"	10.0		109	76-140				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	76-135				
Methylene chloride	10.0		"	10.0		100	55-137				
Naphthalene	11.2		"	10.0		112	70-147				
n-Butylbenzene	10.7		"	10.0		107	79-132				
n-Propylbenzene	10.4		"	10.0		104	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	21.3		"	20.0		106	77-133				
p-Isopropyltoluene	10.9		"	10.0		109	81-136				
sec-Butylbenzene	10.5		"	10.0		105	79-137				
Styrene	12.0		"	10.0		120	67-132				
tert-Butylbenzene	10.7		"	10.0		107	77-138				
Tetrachloroethylene	10.4		"	10.0		104	82-131				
Toluene	10.5		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	9.83		"	10.0		98.3	80-132				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	78-131				
Trichloroethylene	10.6		"	10.0		106	82-128				
Trichlorofluoromethane	8.72		"	10.0		87.2	67-139				
Vinyl Chloride	8.95		"	10.0		89.5	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.27</i>		<i>"</i>	<i>10.0</i>		<i>92.7</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>				



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 BL50652 - EPA 5030B											
LCS Dup (BL50652-BSD1)											
Prepared & Analyzed: 12/11/2015											
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126		2.63	30	
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136		7.03	30	
1,1,2,2-Tetrachloroethane	11.1		"	10.0		111	76-129		1.26	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.54		"	10.0		95.4	54-165		5.38	30	
1,1,2-Trichloroethane	10.9		"	10.0		109	82-123		1.39	30	
1,1-Dichloroethane	10.7		"	10.0		107	82-129		2.45	30	
1,1-Dichloroethylene	9.93		"	10.0		99.3	68-138		4.22	30	
1,1-Dichloropropylene	10.6		"	10.0		106	83-133		8.09	30	
1,2,3-Trichlorobenzene	11.4		"	10.0		114	76-136		3.66	30	
1,2,3-Trichloropropane	11.0		"	10.0		110	77-128		1.10	30	
1,2,4-Trichlorobenzene	11.1		"	10.0		111	76-137		4.53	30	
1,2,4-Trimethylbenzene	11.1		"	10.0		111	82-132		0.180	30	
1,2-Dibromo-3-chloropropane	11.6		"	10.0		116	45-147		11.8	30	
1,2-Dibromoethane	11.1		"	10.0		111	83-124		1.16	30	
1,2-Dichlorobenzene	11.4		"	10.0		114	79-123		5.04	30	
1,2-Dichloroethane	10.3		"	10.0		103	73-132		2.77	30	
1,2-Dichloropropane	10.8		"	10.0		108	78-126		0.737	30	
1,3,5-Trimethylbenzene	11.0		"	10.0		110	80-131		0.549	30	
1,3-Dichlorobenzene	11.1		"	10.0		111	86-122		0.271	30	
1,3-Dichloropropane	11.0		"	10.0		110	81-125		1.84	30	
1,4-Dichlorobenzene	10.8		"	10.0		108	85-124		2.38	30	
2,2-Dichloropropane	9.69		"	10.0		96.9	56-150		0.933	30	
2-Chlorotoluene	10.8		"	10.0		108	79-130		0.929	30	
2-Hexanone	11.3		"	10.0		113	51-146		3.05	30	
4-Chlorotoluene	10.9		"	10.0		109	79-128		0.552	30	
Acetone	8.52		"	10.0		85.2	14-150		8.70	30	
Benzene	10.9		"	10.0		109	85-126		4.30	30	
Bromobenzene	11.4		"	10.0		114	78-129		1.96	30	
Bromochloromethane	10.7		"	10.0		107	77-128		1.89	30	
Bromodichloromethane	10.6		"	10.0		106	79-128		4.71	30	
Bromoform	13.2		"	10.0		132	78-133		5.98	30	
Bromomethane	6.28		"	10.0		62.8	43-168		11.8	30	
Carbon tetrachloride	9.85		"	10.0		98.5	77-141		5.10	30	
Chlorobenzene	11.2		"	10.0		112	88-120		3.54	30	
Chloroethane	10.1		"	10.0		101	65-136		4.14	30	
Chloroform	10.6		"	10.0		106	82-128		0.662	30	
Chloromethane	8.64		"	10.0		86.4	43-155		0.232	30	
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129		3.53	30	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131		1.10	30	
Dibromochloromethane	10.6		"	10.0		106	80-130		2.80	30	
Dibromomethane	10.9		"	10.0		109	72-134		0.549	30	
Dichlorodifluoromethane	8.14		"	10.0		81.4	44-144		6.60	30	
Ethyl Benzene	11.0		"	10.0		110	80-131		2.31	30	
Hexachlorobutadiene	10.5		"	10.0		105	67-146		2.91	30	
Isopropylbenzene	11.0		"	10.0		110	76-140		1.09	30	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135		3.50	30	
Methylene chloride	10.4		"	10.0		104	55-137		3.82	30	
Naphthalene	11.3		"	10.0		113	70-147		0.979	30	
n-Butylbenzene	11.2		"	10.0		112	79-132		4.57	30	
n-Propylbenzene	10.7		"	10.0		107	78-133		2.65	30	
o-Xylene	10.7		"	10.0		107	78-130		2.37	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BL50652 - EPA 5030B

LCS Dup (BL50652-BSD1)

Prepared & Analyzed: 12/11/2015

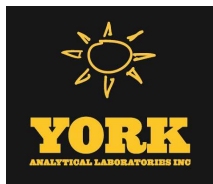
p- & m- Xylenes	21.6		ug/L	20.0		108	77-133		1.59	30	
p-Isopropyltoluene	11.1		"	10.0		111	81-136		1.27	30	
sec-Butylbenzene	10.9		"	10.0		109	79-137		3.73	30	
Styrene	12.1		"	10.0		121	67-132		0.914	30	
tert-Butylbenzene	10.9		"	10.0		109	77-138		1.85	30	
Tetrachloroethylene	11.1		"	10.0		111	82-131		7.17	30	
Toluene	10.7		"	10.0		107	80-127		1.60	30	
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132		2.11	30	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	78-131		1.67	30	
Trichloroethylene	11.1		"	10.0		111	82-128		4.69	30	
Trichlorofluoromethane	9.31		"	10.0		93.1	67-139		6.54	30	
Vinyl Chloride	9.15		"	10.0		91.5	58-145		2.21	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.83</i>		<i>"</i>	<i>10.0</i>		<i>98.3</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.89</i>		<i>"</i>	<i>10.0</i>		<i>98.9</i>	<i>79-122</i>				

Batch BL50717 - EPA 5030B

Blank (BL50717-BLK1)

Prepared & Analyzed: 12/12/2015

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.

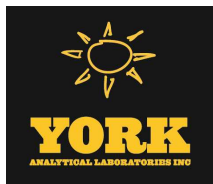
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BL50717 - EPA 5030B

Blank (BL50717-BLK1)

Prepared & Analyzed: 12/12/2015

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	10.1		"	10.0		101	69-130				
Surrogate: Toluene-d8	9.74		"	10.0		97.4	81-117				
Surrogate: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

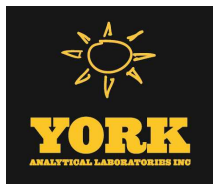
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BL50717 - EPA 5030B

LCS (BL50717-BS1)

Prepared & Analyzed: 12/12/2015

1,1,1,2-Tetrachloroethane	11.1		ug/L	10.0		111	82-126				
1,1,1-Trichloroethane	12.0		"	10.0		120	78-136				
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0		115	54-165				
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123				
1,1-Dichloroethane	12.0		"	10.0		120	82-129				
1,1-Dichloroethylene	11.5		"	10.0		115	68-138				
1,1-Dichloropropylene	12.5		"	10.0		125	83-133				
1,2,3-Trichlorobenzene	11.4		"	10.0		114	76-136				
1,2,3-Trichloropropane	10.8		"	10.0		108	77-128				
1,2,4-Trichlorobenzene	11.1		"	10.0		111	76-137				
1,2,4-Trimethylbenzene	11.7		"	10.0		117	82-132				
1,2-Dibromo-3-chloropropane	11.4		"	10.0		114	45-147				
1,2-Dibromoethane	11.2		"	10.0		112	83-124				
1,2-Dichlorobenzene	11.0		"	10.0		110	79-123				
1,2-Dichloroethane	11.4		"	10.0		114	73-132				
1,2-Dichloropropane	10.8		"	10.0		108	78-126				
1,3,5-Trimethylbenzene	12.1		"	10.0		121	80-131				
1,3-Dichlorobenzene	11.2		"	10.0		112	86-122				
1,3-Dichloropropane	11.0		"	10.0		110	81-125				
1,4-Dichlorobenzene	11.1		"	10.0		111	85-124				
2,2-Dichloropropane	12.4		"	10.0		124	56-150				
2-Chlorotoluene	11.2		"	10.0		112	79-130				
2-Hexanone	12.0		"	10.0		120	51-146				
4-Chlorotoluene	10.8		"	10.0		108	79-128				
Acetone	9.71		"	10.0		97.1	14-150				
Benzene	11.6		"	10.0		116	85-126				
Bromobenzene	11.2		"	10.0		112	78-129				
Bromochloromethane	12.5		"	10.0		125	77-128				
Bromodichloromethane	11.0		"	10.0		110	79-128				
Bromoform	10.8		"	10.0		108	78-133				
Bromomethane	10.1		"	10.0		101	43-168				
Carbon tetrachloride	12.6		"	10.0		126	77-141				
Chlorobenzene	11.0		"	10.0		110	88-120				
Chloroethane	11.5		"	10.0		115	65-136				
Chloroform	12.1		"	10.0		121	82-128				
Chloromethane	11.0		"	10.0		110	43-155				
cis-1,2-Dichloroethylene	12.6		"	10.0		126	83-129				
cis-1,3-Dichloropropylene	11.4		"	10.0		114	80-131				
Dibromochloromethane	10.9		"	10.0		109	80-130				
Dibromomethane	11.0		"	10.0		110	72-134				
Dichlorodifluoromethane	12.7		"	10.0		127	44-144				
Ethyl Benzene	11.8		"	10.0		118	80-131				
Hexachlorobutadiene	11.3		"	10.0		113	67-146				
Isopropylbenzene	11.7		"	10.0		117	76-140				
Methyl tert-butyl ether (MTBE)	12.2		"	10.0		122	76-135				
Methylene chloride	12.2		"	10.0		122	55-137				
Naphthalene	10.8		"	10.0		108	70-147				
n-Butylbenzene	11.9		"	10.0		119	79-132				
n-Propylbenzene	11.6		"	10.0		116	78-133				
o-Xylene	11.3		"	10.0		113	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
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BL50717 - EPA 5030B

LCS (BL50717-BS1)

Prepared & Analyzed: 12/12/2015

p- & m- Xylenes	23.9		ug/L	20.0		119	77-133				
p-Isopropyltoluene	11.7		"	10.0		117	81-136				
sec-Butylbenzene	11.4		"	10.0		114	79-137				
Styrene	12.5		"	10.0		125	67-132				
tert-Butylbenzene	11.3		"	10.0		113	77-138				
Tetrachloroethylene	11.6		"	10.0		116	82-131				
Toluene	11.6		"	10.0		116	80-127				
trans-1,2-Dichloroethylene	12.0		"	10.0		120	80-132				
trans-1,3-Dichloropropylene	11.3		"	10.0		113	78-131				
Trichloroethylene	10.9		"	10.0		109	82-128				
Trichlorofluoromethane	12.2		"	10.0		122	67-139				
Vinyl Chloride	11.6		"	10.0		116	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.91</i>		<i>"</i>	<i>10.0</i>		<i>99.1</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>79-122</i>				

LCS Dup (BL50717-BSD1)

Prepared & Analyzed: 12/12/2015

1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126		5.85	30	
1,1,1-Trichloroethane	11.6		"	10.0		116	78-136		2.96	30	
1,1,2,2-Tetrachloroethane	9.39		"	10.0		93.9	76-129		16.2	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0		113	54-165		1.76	30	
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123		5.06	30	
1,1-Dichloroethane	11.9		"	10.0		119	82-129		0.834	30	
1,1-Dichloroethylene	11.3		"	10.0		113	68-138		1.66	30	
1,1-Dichloropropylene	11.4		"	10.0		114	83-133		9.20	30	
1,2,3-Trichlorobenzene	10.2		"	10.0		102	76-136		11.2	30	
1,2,3-Trichloropropane	9.79		"	10.0		97.9	77-128		9.72	30	
1,2,4-Trichlorobenzene	10.3		"	10.0		103	76-137		8.04	30	
1,2,4-Trimethylbenzene	11.0		"	10.0		110	82-132		6.45	30	
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	45-147		9.59	30	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		8.51	30	
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123		9.49	30	
1,2-Dichloroethane	10.2		"	10.0		102	73-132		10.8	30	
1,2-Dichloropropane	10.2		"	10.0		102	78-126		5.64	30	
1,3,5-Trimethylbenzene	11.3		"	10.0		113	80-131		7.44	30	
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122		7.64	30	
1,3-Dichloropropane	10.2		"	10.0		102	81-125		7.81	30	
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124		7.79	30	
2,2-Dichloropropane	12.2		"	10.0		122	56-150		0.976	30	
2-Chlorotoluene	10.4		"	10.0		104	79-130		7.35	30	
2-Hexanone	10.4		"	10.0		104	51-146		14.6	30	
4-Chlorotoluene	9.92		"	10.0		99.2	79-128		8.96	30	
Acetone	9.05		"	10.0		90.5	14-150		7.04	30	
Benzene	11.4		"	10.0		114	85-126		1.65	30	
Bromobenzene	10.3		"	10.0		103	78-129		8.48	30	
Bromochloromethane	12.2		"	10.0		122	77-128		2.91	30	
Bromodichloromethane	10.5		"	10.0		105	79-128		4.93	30	
Bromoform	9.90		"	10.0		99.0	78-133		9.16	30	
Bromomethane	10.6		"	10.0		106	43-168		5.11	30	
Carbon tetrachloride	11.7		"	10.0		117	77-141		8.06	30	
Chlorobenzene	10.6		"	10.0		106	88-120		3.89	30	
Chloroethane	11.2		"	10.0		112	65-136		2.90	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

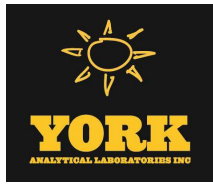
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BL50717 - EPA 5030B

LCS Dup (BL50717-BSD1)

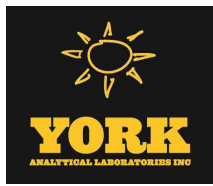
Prepared & Analyzed: 12/12/2015

Chloroform	11.7		ug/L	10.0		117	82-128		3.61	30	
Chloromethane	9.96		"	10.0		99.6	43-155		9.83	30	
cis-1,2-Dichloroethylene	12.0		"	10.0		120	83-129		4.87	30	
cis-1,3-Dichloropropylene	10.8		"	10.0		108	80-131		5.38	30	
Dibromochloromethane	10.2		"	10.0		102	80-130		6.07	30	
Dibromomethane	10.2		"	10.0		102	72-134		7.85	30	
Dichlorodifluoromethane	12.2		"	10.0		122	44-144		3.29	30	
Ethyl Benzene	11.4		"	10.0		114	80-131		3.10	30	
Hexachlorobutadiene	10.8		"	10.0		108	67-146		4.72	30	
Isopropylbenzene	11.0		"	10.0		110	76-140		6.27	30	
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	76-135		16.2	30	
Methylene chloride	10.0		"	10.0		100	55-137		19.3	30	
Naphthalene	9.48		"	10.0		94.8	70-147		13.1	30	
n-Butylbenzene	11.2		"	10.0		112	79-132		6.41	30	
n-Propylbenzene	10.8		"	10.0		108	78-133		7.13	30	
o-Xylene	10.7		"	10.0		107	78-130		5.17	30	
p- & m- Xylenes	23.2		"	20.0		116	77-133		2.72	30	
p-Isopropyltoluene	11.0		"	10.0		110	81-136		6.79	30	
sec-Butylbenzene	10.6		"	10.0		106	79-137		7.08	30	
Styrene	12.1		"	10.0		121	67-132		3.74	30	
tert-Butylbenzene	10.4		"	10.0		104	77-138		7.84	30	
Tetrachloroethylene	11.3		"	10.0		113	82-131		2.96	30	
Toluene	11.3		"	10.0		113	80-127		2.79	30	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		14.8	30	
trans-1,3-Dichloropropylene	10.5		"	10.0		105	78-131		7.33	30	
Trichloroethylene	10.7		"	10.0		107	82-128		1.57	30	
Trichlorofluoromethane	12.2		"	10.0		122	67-139		0.246	30	
Vinyl Chloride	11.6		"	10.0		116	58-145		0.345	30	
Surrogate: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130				
Surrogate: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: p-Bromofluorobenzene	9.94		"	10.0		99.4	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15L0192-01	WQ120315:1215FRW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0192-02	WQ120315:1220FRW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0192-03	WQ120315:1225FRW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15L0192-04	WQ120315:1230FRW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
<hr/>	
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

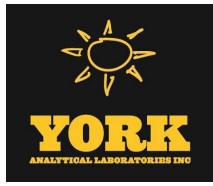
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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



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



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

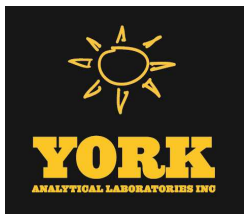
Field Chain-of-Custody Record

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

Page 1 of 1
York Project No. 15C0192

YOUR INFORMATION		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: <u>LBG</u>	<input checked="" type="checkbox"/> SAME	Name: _____	<input checked="" type="checkbox"/> SAME	Volatiles	8260 full	TICs	RCRA8	TPH GRO	Pri. Poll.	Summary Report	X, PDF
Address: <u>4 Research Drive</u>	Name: _____	Site Spec.	8082 PCB	TICs	624	Site Spec.	PP13 list	TPH DRO	TCL Organics	QA Report	X, PDF
Suite <u>301, Shelton CT 06484</u>	Company: _____	Nassau Co.	8081 Pest	STARS list	STARS list	Nassau Co.	8151 Herb	CT ETPH	TAL-MethCN	CT RCP	
Phone.: <u>203.929.8555</u>	Address: _____	BTEX	CT RCP	MIPE	BTEX	Suffolk Co.	CT RCP	NY 310-13	Full TCLP	CT RCP DOA/DUE Pkg	
Contact: <u>Tunde Sandor</u>	E-mail: _____	Matrix Codes	App. IX	TCL list	MIPE	Ketones	PAH list	TPH 1664	Full App. IX	NY ASP A Package	
E-mail: <u>tsandor@lbact.com</u>	E-mail: _____	S - soil	CT RCP list	Oxygenates	TCL list	Oxygenates	TAGM list	Air TO14A	Part 360 Potrate	NY ASP B Package	X, PDF
<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>[Signature]</u></p> <p>Name (printed) <u>Felix Fosh</u></p>		Other - specify (oil, etc.)	CT RCP list	TagM list	TCL list	Site Spec.	NIJDEP list	Air TO15	Part 360 Residue	NIJDEP Reduced Deliv	
		WW - wastewater	NIJDEP list	TagM list	524.2	Site Spec.	NIJDEP list	Air STARS	Part 360 Residue	Excel	
		GW - groundwater	NIJDEP list	TagM list	502.2	Site Spec.	Chloridate	Air VPH	Part 360 Residue		
		DW - drinking water	App. IX list	TagM list	8021B list	Site Spec.	LIST Below	Methane	NYCDEP Sewer		
		Air-A - ambient air	8021B list	TagM list	608 Pest	Site Spec.	LIST Below	Helium	NYSDEC Score		
		Air-SV - soil vapor	8021B list	TagM list	608 PCB	Site Spec.	LIST Below	Helium	TAGM		
		Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	OTHER:	
Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description							
<u>WQ12/3/15/1215 FAW-1</u>	<u>12-3-15 1215</u>	<u>GW</u>	<u>VOC 8260 full list (EPA SW846-8260B) plus freon 113</u>	<u>3 voas</u>							
<u>WQ12/3/15/1225 FAW-2</u>	<u>1225</u>	↓		↓							
<u>WQ12/3/15/1225 FAW-3</u>	<u>1225</u>	↓		↓							
<u>WQ12/3/15/1230 FAW-4</u>	<u>1230</u>	↓		↓							
		Preservation (check all applicable)	4°C	Freezen	HCl	MnOH	Ascorbic Acid	HNO ₃	H ₂ SO ₄	NaOH	
		Special Instructions	<p>Samples Relinquished By <u>[Signature]</u> Date/Time <u>12/4/15 11:35</u></p> <p>Samples Relinquished By <u>[Signature]</u> Date/Time <u>12/4/14 13:02</u></p> <p>Temperature on Receipt <u>3.8°C</u></p>								

APPENDIX III
DECEMBER 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: 12/24/2015

Client Project ID: Rowe Industries

York Project (SDG) No.: 15L0777

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 12/24/2015
Client Project ID: Rowe Industries
York Project (SDG) No.: 15L0777

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 December 18, 2015 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
15L0777-01	AQ121515:1030NP4-1	Vapor Extraction	12/15/2015	12/18/2015
15L0777-02	AQ121515:1035NP4-2	Vapor Extraction	12/15/2015	12/18/2015
15L0777-03	AQ121515:1040NP4-3	Vapor Extraction	12/15/2015	12/18/2015

General Notes for York Project (SDG) No.: 15L0777

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.

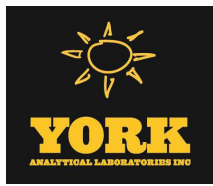
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/24/2015





Sample Information

Client Sample ID: AQ121515:1030NP4-1

York Sample ID: 15L0777-01

York Project (SDG) No.
15L0777

Client Project ID
Rowe Industries

Matrix
Vapor Extraction

Collection Date/Time
December 15, 2015 10:30 am

Date Received
12/18/2015

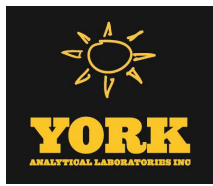
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.2	1.2	1.68	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 00:30	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.92	0.92	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.3	1.3	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.92	0.92	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.68	0.68	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.67	0.67	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.3	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.0	1.0	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.68	0.68	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.78	0.78	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
106-99-0	1,3-Butadiene	ND		ug/m ³	2.2	2.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.0	1.0	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.78	0.78	1.68	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 00:30	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.0	1.0	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
123-91-1	1,4-Dioxane	ND		ug/m ³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
78-93-3	2-Butanone	65		ug/m ³	0.50	0.50	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
591-78-6	* 2-Hexanone	ND		ug/m ³	1.4	1.4	1.68	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 00:30	ALD
107-05-1	* 3-Chloropropene	ND		ug/m ³	2.6	2.6	1.68	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 00:30	ALD



Sample Information

Client Sample ID: AQ121515:1030NP4-1

York Sample ID: 15L0777-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0777

Rowe Industries

Vapor Extraction

December 15, 2015 10:30 am

12/18/2015

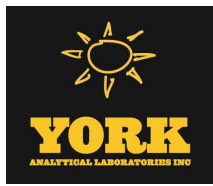
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.69	0.69	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
67-64-1	Acetone	64		ug/m ³	0.80	0.80	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
107-13-1	* Acrylonitrile	ND		ug/m ³	0.36	0.36	1.68	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 00:30	ALD
71-43-2	Benzene	0.91		ug/m ³	0.54	0.54	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
100-44-7	Benzyl chloride	ND		ug/m ³	0.87	0.87	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
75-27-4	Bromodichloromethane	ND		ug/m ³	1.0	1.0	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
75-25-2	Bromoform	ND		ug/m ³	1.7	1.7	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
74-83-9	Bromomethane	ND		ug/m ³	0.65	0.65	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
75-15-0	Carbon disulfide	ND		ug/m ³	0.52	0.52	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
56-23-5	Carbon tetrachloride	0.53		ug/m ³	0.26	0.26	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
108-90-7	Chlorobenzene	ND		ug/m ³	0.77	0.77	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
75-00-3	Chloroethane	ND		ug/m ³	0.44	0.44	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
67-66-3	Chloroform	0.90		ug/m ³	0.82	0.82	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
74-87-3	Chloromethane	1.9		ug/m ³	0.35	0.35	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.67	0.67	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.76	0.76	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
110-82-7	Cyclohexane	ND		ug/m ³	0.58	0.58	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.3	1.3	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
75-71-8	Dichlorodifluoromethane	2.0		ug/m ³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
141-78-6	* Ethyl acetate	ND		ug/m ³	1.2	1.2	1.68	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 00:30	ALD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.73	0.73	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.8	1.8	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
67-63-0	Isopropanol	1.7		ug/m ³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD



Sample Information

Client Sample ID: AQ121515:1030NP4-1

York Sample ID: 15L0777-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0777

Rowe Industries

Vapor Extraction

December 15, 2015 10:30 am

12/18/2015

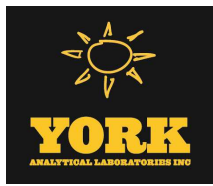
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.69	0.69	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.60	0.60	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
75-09-2	Methylene chloride	12		ug/m ³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
142-82-5	n-Heptane	ND		ug/m ³	0.69	0.69	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
110-54-3	n-Hexane	3.9		ug/m ³	0.59	0.59	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
95-47-6	o-Xylene	ND		ug/m ³	0.73	0.73	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.5	1.5	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.83	0.83	1.68	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 00:30	ALD
115-07-1	* Propylene	ND		ug/m ³	0.29	0.29	1.68	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 00:30	ALD
100-42-5	Styrene	ND		ug/m ³	0.72	0.72	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
127-18-4	Tetrachloroethylene	2.1		ug/m ³	0.28	0.28	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
109-99-9	* Tetrahydrofuran	130		ug/m ³	0.99	0.99	1.68	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 00:30	ALD
108-88-3	Toluene	1.2		ug/m ³	0.63	0.63	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.67	0.67	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.76	0.76	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
79-01-6	Trichloroethylene	0.99		ug/m ³	0.23	0.23	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	1.5		ug/m ³	0.94	0.94	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
108-05-4	Vinyl acetate	ND		ug/m ³	0.59	0.59	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
593-60-2	Vinyl bromide	ND		ug/m ³	0.73	0.73	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.43	0.43	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 00:30	ALD
	Surrogate Recoveries	Result			Acceptance Range						
460-00-4	Surrogate: p-Bromofluorobenzene	91.3 %			72-118						



Sample Information

Client Sample ID: AQ121515:1035NP4-2

York Sample ID: 15L0777-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0777

Rowe Industries

Vapor Extraction

December 15, 2015 10:35 am

12/18/2015

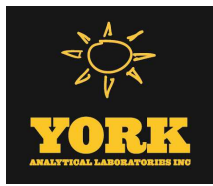
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.2	1.2	1.8	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 01:25	ALD
71-55-6	1,1,1-Trichloroethane	2.4		ug/m ³	0.98	0.98	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	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	12/22/2015 06:23	12/24/2015 01:25	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	12/22/2015 06:23	12/24/2015 01:25	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	12/22/2015 06:23	12/24/2015 01:25	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.73	0.73	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.71	0.71	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	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	12/22/2015 06:23	12/24/2015 01:25	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	12/22/2015 06:23	12/24/2015 01:25	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.4	1.4	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.1	1.1	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.73	0.73	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.83	0.83	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.3	1.3	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	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	12/22/2015 06:23	12/24/2015 01:25	ALD
106-99-0	1,3-Butadiene	ND		ug/m ³	2.3	2.3	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.1	1.1	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.83	0.83	1.8	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 01:25	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.1	1.1	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
123-91-1	1,4-Dioxane	ND		ug/m ³	1.3	1.3	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
78-93-3	2-Butanone	2.1		ug/m ³	0.53	0.53	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
591-78-6	* 2-Hexanone	ND		ug/m ³	1.5	1.5	1.8	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 01:25	ALD
107-05-1	* 3-Chloropropene	ND		ug/m ³	2.8	2.8	1.8	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 01:25	ALD



Sample Information

Client Sample ID: AQ121515:1035NP4-2

York Sample ID: 15L0777-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0777

Rowe Industries

Vapor Extraction

December 15, 2015 10:35 am

12/18/2015

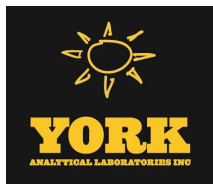
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.74	0.74	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
67-64-1	Acetone	8.2		ug/m ³	0.86	0.86	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
107-13-1	* Acrylonitrile	ND		ug/m ³	0.39	0.39	1.8	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 01:25	ALD
71-43-2	Benzene	ND		ug/m ³	0.58	0.58	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
100-44-7	Benzyl chloride	ND		ug/m ³	0.93	0.93	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
75-27-4	Bromodichloromethane	ND		ug/m ³	1.1	1.1	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
75-25-2	Bromoform	ND		ug/m ³	1.9	1.9	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
74-83-9	Bromomethane	ND		ug/m ³	0.70	0.70	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
75-15-0	Carbon disulfide	0.62		ug/m ³	0.56	0.56	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.28	0.28	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
108-90-7	Chlorobenzene	ND		ug/m ³	0.83	0.83	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
75-00-3	Chloroethane	ND		ug/m ³	0.47	0.47	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
67-66-3	Chloroform	ND		ug/m ³	0.88	0.88	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
74-87-3	Chloromethane	1.2		ug/m ³	0.37	0.37	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
156-59-2	cis-1,2-Dichloroethylene	4.0		ug/m ³	0.71	0.71	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	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	12/22/2015 06:23	12/24/2015 01:25	ALD
110-82-7	Cyclohexane	ND		ug/m ³	0.62	0.62	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.4	1.4	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
75-71-8	Dichlorodifluoromethane	2.0		ug/m ³	0.89	0.89	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
141-78-6	* Ethyl acetate	ND		ug/m ³	1.3	1.3	1.8	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 01:25	ALD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.78	0.78	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.9	1.9	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
67-63-0	Isopropanol	1.2		ug/m ³	0.88	0.88	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD



Sample Information

Client Sample ID: AQ121515:1035NP4-2

York Sample ID: 15L0777-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0777

Rowe Industries

Vapor Extraction

December 15, 2015 10:35 am

12/18/2015

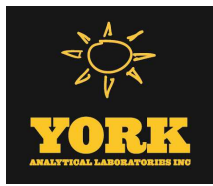
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.74	0.74	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	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	12/22/2015 06:23	12/24/2015 01:25	ALD
75-09-2	Methylene chloride	ND		ug/m ³	1.3	1.3	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
142-82-5	n-Heptane	ND		ug/m ³	0.74	0.74	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
110-54-3	n-Hexane	ND		ug/m ³	0.63	0.63	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
95-47-6	o-Xylene	ND		ug/m ³	0.78	0.78	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.6	1.6	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.88	0.88	1.8	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 01:25	ALD
115-07-1	* Propylene	ND		ug/m ³	0.31	0.31	1.8	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 01:25	ALD
100-42-5	Styrene	ND		ug/m ³	0.77	0.77	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
127-18-4	Tetrachloroethylene	0.85		ug/m ³	0.31	0.31	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m ³	1.1	1.1	1.8	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 01:25	ALD
108-88-3	Toluene	ND		ug/m ³	0.68	0.68	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	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	12/22/2015 06:23	12/24/2015 01:25	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	12/22/2015 06:23	12/24/2015 01:25	ALD
79-01-6	Trichloroethylene	ND		ug/m ³	0.24	0.24	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	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	12/22/2015 06:23	12/24/2015 01:25	ALD
108-05-4	Vinyl acetate	ND		ug/m ³	0.63	0.63	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
593-60-2	Vinyl bromide	ND		ug/m ³	0.79	0.79	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.46	0.46	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 01:25	ALD
	Surrogate Recoveries	Result			Acceptance Range						
460-00-4	Surrogate: p-Bromofluorobenzene	90.1 %			72-118						



Sample Information

Client Sample ID: AQ121515:1040NP4-3

York Sample ID: 15L0777-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0777

Rowe Industries

Vapor Extraction

December 15, 2015 10:40 am

12/18/2015

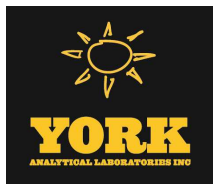
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.2	1.2	1.68	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 02:20	ALD
71-55-6	1,1,1-Trichloroethane	12		ug/m ³	0.92	0.92	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.3	1.3	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.92	0.92	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.68	0.68	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.67	0.67	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.3	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.0	1.0	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.68	0.68	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.78	0.78	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
106-99-0	1,3-Butadiene	ND		ug/m ³	2.2	2.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.0	1.0	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.78	0.78	1.68	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 02:20	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.0	1.0	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
123-91-1	1,4-Dioxane	ND		ug/m ³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
78-93-3	2-Butanone	4.7		ug/m ³	0.50	0.50	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
591-78-6	* 2-Hexanone	ND		ug/m ³	1.4	1.4	1.68	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 02:20	ALD
107-05-1	* 3-Chloropropene	ND		ug/m ³	2.6	2.6	1.68	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 02:20	ALD



Sample Information

Client Sample ID: AQ121515:1040NP4-3

York Sample ID: 15L0777-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0777

Rowe Industries

Vapor Extraction

December 15, 2015 10:40 am

12/18/2015

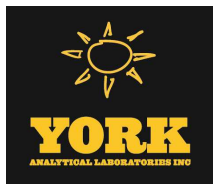
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.69	0.69	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
67-64-1	Acetone	16		ug/m ³	0.80	0.80	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
107-13-1	* Acrylonitrile	ND		ug/m ³	0.36	0.36	1.68	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 02:20	ALD
71-43-2	Benzene	ND		ug/m ³	0.54	0.54	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
100-44-7	Benzyl chloride	ND		ug/m ³	0.87	0.87	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
75-27-4	Bromodichloromethane	ND		ug/m ³	1.0	1.0	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
75-25-2	Bromoform	ND		ug/m ³	1.7	1.7	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
74-83-9	Bromomethane	ND		ug/m ³	0.65	0.65	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
75-15-0	Carbon disulfide	ND		ug/m ³	0.52	0.52	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
56-23-5	Carbon tetrachloride	1.1		ug/m ³	0.26	0.26	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
108-90-7	Chlorobenzene	ND		ug/m ³	0.77	0.77	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
75-00-3	Chloroethane	ND		ug/m ³	0.44	0.44	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
67-66-3	Chloroform	1.6		ug/m ³	0.82	0.82	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
74-87-3	Chloromethane	1.5		ug/m ³	0.35	0.35	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
156-59-2	cis-1,2-Dichloroethylene	4.9		ug/m ³	0.67	0.67	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.76	0.76	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
110-82-7	Cyclohexane	ND		ug/m ³	0.58	0.58	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
124-48-1	Dibromochloromethane	ND		ug/m ³	1.3	1.3	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
75-71-8	Dichlorodifluoromethane	1.9		ug/m ³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
141-78-6	* Ethyl acetate	ND		ug/m ³	1.2	1.2	1.68	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 02:20	ALD
100-41-4	Ethyl Benzene	ND		ug/m ³	0.73	0.73	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.8	1.8	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
67-63-0	Isopropanol	1.4		ug/m ³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD



Sample Information

Client Sample ID: AQ121515:1040NP4-3

York Sample ID: 15L0777-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0777

Rowe Industries

Vapor Extraction

December 15, 2015 10:40 am

12/18/2015

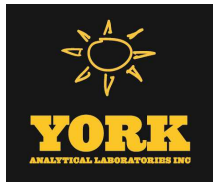
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.69	0.69	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	1.6		ug/m ³	0.60	0.60	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
75-09-2	Methylene chloride	2.0		ug/m ³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
142-82-5	n-Heptane	ND		ug/m ³	0.69	0.69	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
110-54-3	n-Hexane	ND		ug/m ³	0.59	0.59	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
95-47-6	o-Xylene	ND		ug/m ³	0.73	0.73	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m ³	1.5	1.5	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.83	0.83	1.68	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 02:20	ALD
115-07-1	* Propylene	ND		ug/m ³	0.29	0.29	1.68	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 02:20	ALD
100-42-5	Styrene	ND		ug/m ³	0.72	0.72	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
127-18-4	Tetrachloroethylene	3.0		ug/m ³	0.28	0.28	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
109-99-9	* Tetrahydrofuran	1.1		ug/m ³	0.99	0.99	1.68	EPA TO-15 Certifications:	12/22/2015 06:23	12/24/2015 02:20	ALD
108-88-3	Toluene	ND		ug/m ³	0.63	0.63	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.67	0.67	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.76	0.76	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
79-01-6	Trichloroethylene	ND		ug/m ³	0.23	0.23	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	1.7		ug/m ³	0.94	0.94	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
108-05-4	Vinyl acetate	ND		ug/m ³	0.59	0.59	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
593-60-2	Vinyl bromide	ND		ug/m ³	0.73	0.73	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
75-01-4	Vinyl Chloride	ND		ug/m ³	0.43	0.43	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/22/2015 06:23	12/24/2015 02:20	ALD
	Surrogate Recoveries	Result						Acceptance Range			
460-00-4	Surrogate: p-Bromofluorobenzene	90.5 %						72-118			



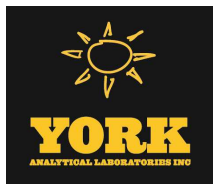
Analytical Batch Summary

Batch ID: BL51247

Preparation Method: EPA TO15 PREP

Prepared By: ALD

YORK Sample ID	Client Sample ID	Preparation Date
15L0777-01	AQ121515:1030NP4-1	12/22/15
15L0777-02	AQ121515:1035NP4-2	12/22/15
15L0777-03	AQ121515:1040NP4-3	12/22/15
BL51247-BLK1	Blank	12/23/15
BL51247-BS1	LCS	12/23/15



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

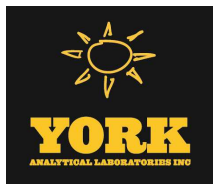
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BL51247 - EPA TO15 PREP

Blank (BL51247-BLK1)

Prepared & Analyzed: 12/23/2015

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



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

York Analytical Laboratories, Inc.

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

Batch BL51247 - EPA TO15 PREP

Blank (BL51247-BLK1)

Prepared & Analyzed: 12/23/2015

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

<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.46</i>		<i>ppbv</i>	<i>10.4</i>		<i>91.0</i>	<i>72-118</i>				
--	-------------	--	-------------	-------------	--	-------------	---------------	--	--	--	--

LCS (BL51247-BS1)

Prepared & Analyzed: 12/23/2015

1,1,1,2-Tetrachloroethane	10.5		ppbv	10.5		99.9	82-126				
1,1,1-Trichloroethane	10.1		"	10.2		99.2	70-130				
1,1,2,2-Tetrachloroethane	9.61		"	10.3		93.3	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.61		"	10.4		92.4	70-130				
1,1,2-Trichloroethane	9.91		"	10.3		96.2	70-130				
1,1-Dichloroethane	9.58		"	10.2		93.9	70-130				
1,1-Dichloroethylene	10.4		"	10.4		100	70-130				
1,2,4-Trichlorobenzene	7.51		"	9.00		83.4	70-130				
1,2,4-Trimethylbenzene	10.9		"	10.2		107	70-130				
1,2-Dibromoethane	10.6		"	10.4		102	70-130				
1,2-Dichlorobenzene	10.2		"	10.1		101	70-130				
1,2-Dichloroethane	9.98		"	10.2		97.8	70-130				
1,2-Dichloropropane	9.93		"	10.2		97.4	70-130				
1,2-Dichlorotetrafluoroethane	9.67		"	9.80		98.7	70-130				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	70-130				
1,3-Butadiene	9.19		"	10.1		91.0	70-130				
1,3-Dichlorobenzene	10.4		"	10.2		102	70-130				
1,3-Dichloropropane	10.4		"	10.5		99.0	70-130				
1,4-Dichlorobenzene	10.8		"	10.1		107	70-130				
1,4-Dioxane	10.7		"	10.2		105	70-130				
2-Butanone	10.4		"	10.4		100	70-130				
2-Hexanone	11.5		"	10.5		109	70-130				
3-Chloropropene	11.3		"	10.7		106	70-130				
4-Methyl-2-pentanone	10.6		"	10.2		104	70-130				
Acetone	11.4		"	10.6		108	70-130				
Acrylonitrile	11.1		"	10.3		108	70-130				
Benzene	10.2		"	10.3		99.0	70-130				
Benzyl chloride	8.28		"	10.2		81.2	70-130				
Bromodichloromethane	10.2		"	10.2		99.8	70-130				
Bromoform	11.2		"	10.1		111	70-130				
Bromomethane	6.20		"	9.50		65.3	70-130	Low Bias			
Carbon disulfide	11.4		"	10.5		108	70-130				
Carbon tetrachloride	10.0		"	10.2		98.4	70-130				
Chlorobenzene	10.1		"	10.5		95.9	70-130				



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

York Analytical Laboratories, Inc.

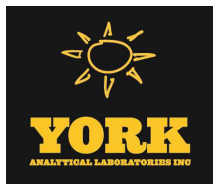
Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD	Flag
		Limit			Result					Limit	

Batch BL51247 - EPA TO15 PREP

LCS (BL51247-BS1)

Prepared & Analyzed: 12/23/2015

Chloroethane	8.67		ppbv	9.40		92.2	70-130				
Chloroform	9.45		"	10.4		90.9	70-130				
Chloromethane	8.20		"	9.80		83.7	70-130				
cis-1,2-Dichloroethylene	9.54		"	10.2		93.5	70-130				
cis-1,3-Dichloropropylene	11.8		"	11.0		107	70-130				
Cyclohexane	11.1		"	10.3		108	70-130				
Dibromochloromethane	10.8		"	10.6		102	70-130				
Dichlorodifluoromethane	7.76		"	9.80		79.2	70-130				
Ethyl acetate	9.97		"	10.4		95.9	70-130				
Ethyl Benzene	10.7		"	10.4		103	70-130				
Hexachlorobutadiene	8.86		"	9.10		97.4	70-130				
Isopropanol	10.3		"	10.0		103	70-130				
Methyl Methacrylate	10.9		"	9.80		111	70-130				
Methyl tert-butyl ether (MTBE)	10.8		"	10.3		104	70-130				
Methylene chloride	9.17		"	10.4		88.2	70-130				
n-Heptane	11.6		"	10.5		110	70-130				
n-Hexane	11.3		"	10.5		107	70-130				
o-Xylene	11.3		"	10.3		110	70-130				
p- & m- Xylenes	21.0		"	20.2		104	70-130				
p-Ethyltoluene	10.7		"	10.0		107	70-130				
Propylene	10.8		"	10.6		101	70-130				
Styrene	11.4		"	10.2		112	70-130				
Tetrachloroethylene	10.2		"	9.90		103	70-130				
Tetrahydrofuran	10.8		"	10.6		102	70-130				
Toluene	10.9		"	10.5		104	70-130				
trans-1,2-Dichloroethylene	9.91		"	10.1		98.1	70-130				
trans-1,3-Dichloropropylene	10.8		"	10.3		105	70-130				
Trichloroethylene	9.70		"	10.2		95.1	70-130				
Trichlorofluoromethane (Freon 11)	9.67		"	9.90		97.7	70-130				
Vinyl acetate	12.0		"	10.7		112	70-130				
Vinyl bromide	10.6		"	10.5		100	70-130				
Vinyl Chloride	9.64		"	9.90		97.4	70-130				
Surrogate: p-Bromofluorobenzene	10.1		"	10.4		96.8	72-118				



Notes and Definitions

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

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK

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

Field Chain-of-Custody Record - AIR

Page 1 of 1

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

York Project No. 1520777

YOUR Information Company: <u>LBG</u> Address: <u>4 Research Dr. Suite 301</u> <u>Shelton, CT 06484</u> Phone No: <u>203-929-8555</u> Contact Person: <u>Tonde Sander</u> E-Mail Address: <u>TSander@LBGCT.com</u>		Report To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR Project ID <u>Rowe Industries</u> Purchase Order No. <u>HABSAG</u> Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type/Deliverables Summary Report <input checked="" type="checkbox"/> Summary w/ QA Summary <input checked="" type="checkbox"/> CT RCP Package <input checked="" type="checkbox"/> NY ASP A Package <input checked="" type="checkbox"/> NY ASP B/CLP Pkg <input checked="" type="checkbox"/> NJDEP Reduced <input checked="" type="checkbox"/> Electronic Deliverables: _____ EDD (Specify Type) _____ Standard Excel <input checked="" type="checkbox"/> Regulatory Comparison Excel _____	
--	--	---	--	--	--	---	--	--	--	--	--

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): [Signature]
 Name (printed): Evan Foster

Air Matrix Codes AI - INDOOR Ambient Air AO - OUTDOOR Amb. Air AE - Vapor Extraction Well/ Process Gas/Effluent AS - SOIL Vapor/Sub-Slab	TO15 Volatiles and Other Gas Analyses EPA TO-15 List Tentatively Identified Compounds Air VPH Helium Methane OTHER	Detection Limits Required ≤ 1 ug/m ³ NYSDEC VI Limits (if report submitted) NJDEP low level Routine Survey Other
--	---	--

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg.)	Canister Vacuum After Sampling (in. Hg.)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
AQ121515:1030 NP4-1	12-15-15	AE			EPA TO-15 List	6 Liter Summa canister Tedlar Bag
AQ121515:1035 NP4-2	↓	AE			11	6 Liter Summa canister Tedlar Bag
AQ121515:1040 NP4-3	↓	AE			11	6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag

Comments

[Signature] 12/15/15 1300
 Samples Relinquished By: [Signature] Date/Time: 12/15/15 12:10
 6000 lbs
 Samples Relinquished By: [Signature] Date/Time: 12/18/15 12:10
 LBG Field Room 12/15/15 1500
 Samples Received By: [Signature] Date/Time: 12-18-15 151420
 Samples Received in LAB by: [Signature] Date/Time: _____

Rec'd by 12/18/15 12:10