

TABLE 2

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

**Effluent Water Quality Results**

Date Sampled <sup>2/</sup>	pH <sup>1/</sup>	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)	1,2-DCE (ug/l)	Xylene (ug/l)	Bromoform (ug/l)	Dibromo-chloromethane (ug/l)	Methylene Chloride (ug/l)	Freon 113 (ug/l)	Acetone (ug/l)	Chloroform (ug/l)	MTBE (ug/l)	Total Iron (mg/l)	Dissolved Iron (mg/l)
<b>SPDES Limits</b>	<b>5.0 to 8.5</b>	---	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	---	---	<b>5</b>	---	<b>50</b>	<b>7</b>	---	---	---
1-Aug-11	5.3	109	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	4.07	0.056
18-Aug-11	5.4	105	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	6.97	0.135
23-Aug-11	5.4	120	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1.82	0.136
30-Aug-11	5.4	95	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	3.66	0.113

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: Method blank contamination. The associated method blank contains the target analyte at a reportable level.

NM: Not Measured

TDS: Total dissolved solids

PCE: Tetrachloroethylene

TCE: Trichloroethene

1,1-DCA: 1,1-Dichloroethane

1,1-DCE: 1,1-Dichloroethene

1,2-DCE: 1,2-Dichloroethene

MTBE: Methyl tert-butyl ether

Notes:

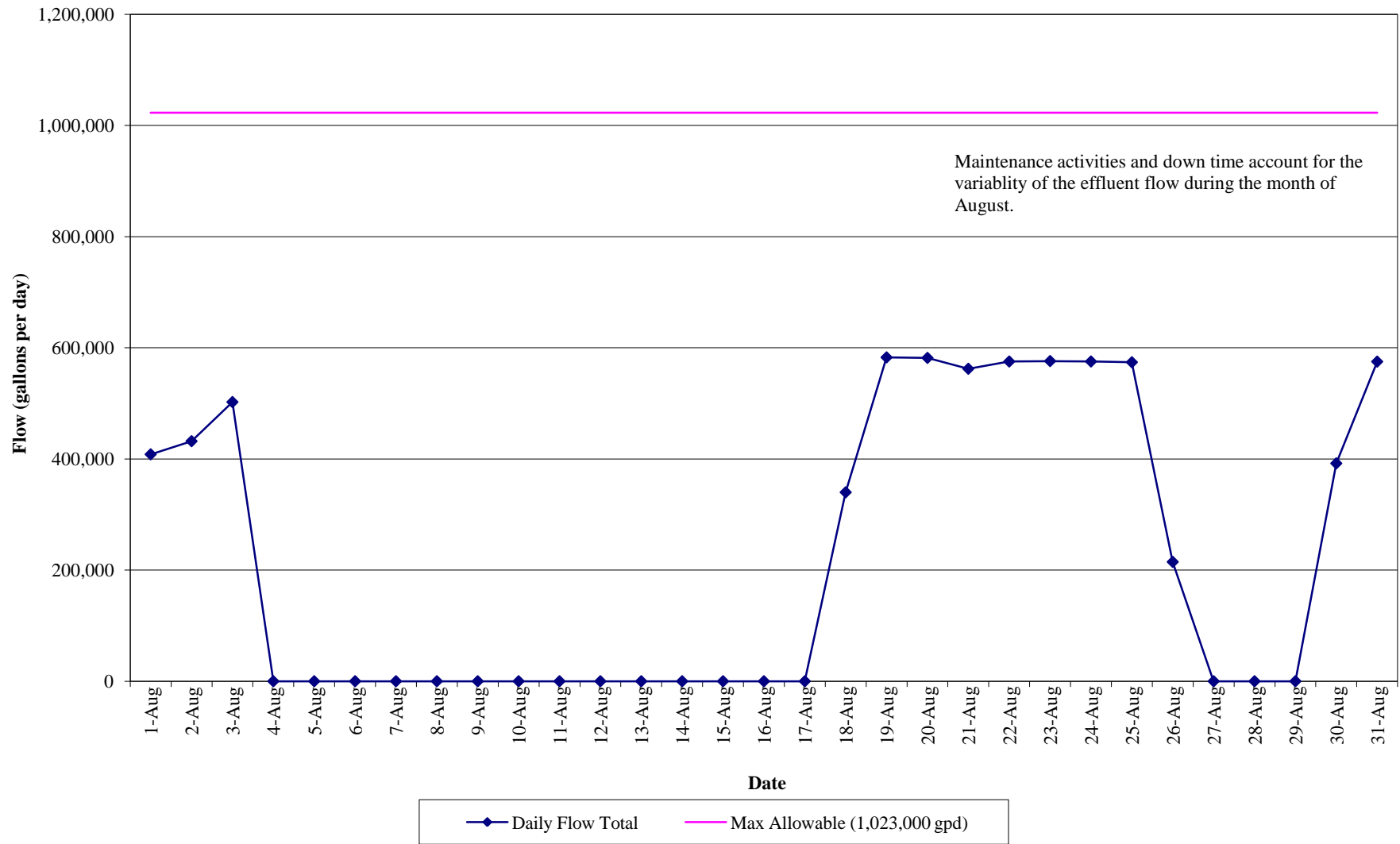
1. Based on the SPDES criteria from an NYSDEC letter dated on May 11, 2006, the new allowable pH range for the Rowe Site is between 5.0 and 8.5.

The pH was measured with a calibrated electronic pH meter. Influent pH values from recovery wells typically range between 5 and 6.

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  
(August 1, 2011 through August 31, 2011)**



**APPENDIX I**  
**AUGUST 2011 LABORATORY ANALYTICAL REPORTS**  
**FOR FSP&T SYSTEM**

Friday, August 12, 2011

Mark Goldberg  
Leggette Brashears & Graham Inc.  
4 Research Drive  
Suite 301  
Shelton, CT 06484

TEL: (203) 929-8555  
FAX (203) 926-9140

RE: Rowe

Order No.: 1108083

Dear Mark Goldberg:

American Analytical Laboratories, LLC. received 3 sample(s) on 8/9/2011 for the analyses presented in the following report.

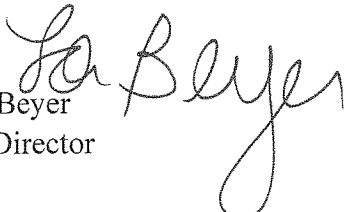
Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report or the data is qualified. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. This report consists of 34 pages.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

  
Lori Beyer  
Lab Director

CLIENT: Leggette Brashears & Graham Inc.  
Project: Rowe  
Lab Order: 1108083

**Work Order Sample Summary**

---

Lab Sample ID	Client Sample ID	Date Collected	Date Received
1108083-01A	WQ8111:1040NP2-6	8/1/2011 10:40:00 AM	8/9/2011
1108083-01B	WQ8111:1040NP2-6	8/1/2011 10:40:00 AM	8/9/2011
1108083-01C	WQ8111:1040NP2-6	8/1/2011 10:40:00 AM	8/9/2011
1108083-02A	WQ8111:1045NP2-7	8/1/2011 10:45:00 AM	8/9/2011
1108083-02B	WQ8111:1045NP2-7	8/1/2011 10:45:00 AM	8/9/2011
1108083-02C	WQ8111:1045NP2-7	8/1/2011 10:45:00 AM	8/9/2011
1108083-03A	WQ8111:1050NP2-10	8/1/2011 10:50:00 AM	8/9/2011
1108083-03B	WQ8111:1050NP2-10	8/1/2011 10:50:00 AM	8/9/2011
1108083-03C	WQ8111:1050NP2-10	8/1/2011 10:50:00 AM	8/9/2011
1108083-03D	WQ8111:1050NP2-10	8/1/2011 10:50:00 AM	8/9/2011



American Analytical Laboratories, LLC.

Sample Receipt Checklist

Client Name LBG CT

Date and Time Receive 8/9/2011 9:55:12 AM

Work Order Number 1108083

RcptNo: 1

Received by CF

COC\_ID:

CoolerID:

Checklist completed by

*Chenana* 8/9/11  
Signature Date

Reviewed by

*Jo B* 8/9/11  
Initials Date

Matrix:

Carrier name FedEx

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? *P* Yes  No
- Container/Temp Blank temperature in compliance? Yes  No
- Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No
- Water - pH acceptable upon receipt? Yes  No  N/A

Adjusted? \_\_\_\_\_ Checked b \_\_\_\_\_

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments:

Corrective Action TDS collected 8/11/11 -> rec'd 8/9/11. 7 day HT.

**American Analytical Laboratories, LLC.**

Date: 12-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108083  
 Project: Rowe  
 Lab ID: 1108083-01A

Client Sample ID: WQ8111:1040NP2-6  
 Collection Date: 8/1/2011 10:40:00 AM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>			<b>Analyst: LA</b>	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	8/10/2011 4:32:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/10/2011 4:32:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/10/2011 4:32:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/10/2011 4:32:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/10/2011 4:32:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/10/2011 4:32:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735  
 Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com



<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 12-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108083  
 Project: Rowe  
 Lab ID: 1108083-01A

Client Sample ID: WQ8111:1040NP2-6  
 Collection Date: 8/1/2011 10:40:00 AM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>			<b>Analyst: LA</b>	
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Chloromethane	U	0.5	1.0	C	µg/L	1	8/10/2011 4:32:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/10/2011 4:32:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Tetrachloroethene	0.50	0.5	1.0	J	µg/L	1	8/10/2011 4:32:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM

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	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

# American Analytical Laboratories, LLC.

Date: 12-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108083  
 Project: Rowe  
 Lab ID: 1108083-01A

Client Sample ID: WQ8111:1040NP2-6  
 Collection Date: 8/1/2011 10:40:00 AM  
 Matrix: LIQUID

## Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Vinyl acetate	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/10/2011 4:32:00 PM
Surr: 4-Bromofluorobenzene	95.3	0	63-123		%REC	1	8/10/2011 4:32:00 PM
Surr: Dibromofluoromethane	100	0	68-124		%REC	1	8/10/2011 4:32:00 PM
Surr: Toluene-d8	98.8	0	67-125		%REC	1	8/10/2011 4:32:00 PM

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- Qualifiers:**
- B Analyte detected in the associated Method Blank
  - E Value above quantitation range
  - J Analyte detected below quantitation limits
  - LOQ Limit of Quantitation
  - PQL Practical Quantitation Limit
  - U Indicates the compound was analyzed but not detected.
  - C Calibration %RSD/%D exceeded for non-CCC analytes
  - H Holding times for preparation or analysis exceeded
  - LOD Limit of Detection
  - P >40% diff for detected conc between the two GC columns
  - S Spike Recovery outside accepted recovery limits

# American Analytical Laboratories, LLC.

Date: 12-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
Lab Order: 1108083  
Project: Rowe  
Lab ID: 1108083-01B

Client Sample ID: WQ8111:1040NP2-6  
Collection Date: 8/1/2011 10:40:00 AM  
Matrix: LIQUID

## Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>				<b>E200.7</b>	<b>SW3010A</b>		Analyst: JP
Total Iron	2.31	0.005	0.0200		mg/L	1	8/10/2011 1:59:45 PM

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- Qualifiers:**
- B Analyte detected in the associated Method Blank
  - C Calibration %RSD/%D exceeded for non-CCC analytes
  - E Value above quantitation range
  - H Holding times for preparation or analysis exceeded
  - J Analyte detected below quantitation limits
  - LOD Limit of Detection
  - LOQ Limit of Quantitation
  - P >40% diff for detected conc between the two GC columns
  - PQL Practical Quantitation Limit
  - S Spike Recovery outside accepted recovery limits
  - U Indicates the compound was analyzed but not detected.

**American Analytical Laboratories, LLC.**

Date: 12-Aug-11

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ8111:1040NP2-6
<b>Lab Order:</b>	1108083	<b>Collection Date:</b>	8/1/2011 10:40:00 AM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108083-01C		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS, DISSOLVED</b>			<b>E200.7</b>		<b>SW3005A</b>		Analyst: JP
Dissolved Iron	0.0100	0.005	0.0200	J	mg/L	1	8/10/2011 1:57:42 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735  
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- |                    |     |   |     |  |
|--------------------|-----|---|-----|--|
| <b>Qualifiers:</b> | B   | Analyte detected in the associated Method Blank       | C   | Calibration %RSD/%D exceeded for non-CCC analytes      |
|                    | E   | Value above quantitation range                        | H   | Holding times for preparation or analysis exceeded     |
|                    | J   | Analyte detected below quantitation limits            | LOD | Limit of Detection                                     |
|                    | LOQ | Limit of Quantitation                                 | P   | >40% diff for detected conc between the two GC columns |
|                    | PQL | Practical Quantitation Limit                          | S   | Spike Recovery outside accepted recovery limits        |
|                    | U   | Indicates the compound was analyzed but not detected. |     |  |

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108083  
 Project: Rowe  
 Lab ID: 1108083-02A

Client Sample ID: WQ8111:1045NP2-7  
 Collection Date: 8/1/2011 10:45:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	8/10/2011 5:00:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/10/2011 5:00:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/10/2011 5:00:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/10/2011 5:00:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/10/2011 5:00:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/10/2011 5:00:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM

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<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	C Calibration %RSD/%D exceeded for non-CCC analytes
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	LOD Limit of Detection
	LOQ Limit of Quantitation	P >40% diff for detected conc between the two GC columns
	PQL Practical Quantitation Limit	S Spike Recovery outside accepted recovery limits
	U Indicates the compound was analyzed but not detected.	

**American Analytical Laboratories, LLC.**

Date: 12-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108083  
 Project: Rowe  
 Lab ID: 1108083-02A

Client Sample ID: WQ8111:1045NP2-7  
 Collection Date: 8/1/2011 10:45:00 AM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C		Analyst: LA		
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/10/2011 5:00:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
tert-Butylbenzene	U	0.5	1.0	C	µg/L	1	8/10/2011 5:00:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM

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<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	C Calibration %RSD/%D exceeded for non-CCC analytes
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	LOD Limit of Detection
	LOQ Limit of Quantitation	P >40% diff for detected conc between the two GC columns
	PQL Practical Quantitation Limit	S Spike Recovery outside accepted recovery limits
	U Indicates the compound was analyzed but not detected.	

**American Analytical Laboratories, LLC.**

Date: 12-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108083  
 Project: Rowe  
 Lab ID: 1108083-02A

Client Sample ID: WQ8111:1045NP2-7  
 Collection Date: 8/1/2011 10:45:00 AM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>			<b>Analyst: LA</b>	
Vinyl acetate	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/10/2011 5:00:00 PM
Surr: 4-Bromofluorobenzene	94.3	0	63-123		%REC	1	8/10/2011 5:00:00 PM
Surr: Dibromofluoromethane	96.5	0	68-124		%REC	1	8/10/2011 5:00:00 PM
Surr: Toluene-d8	100	0	67-125		%REC	1	8/10/2011 5:00:00 PM

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- Qualifiers:**
- B Analyte detected in the associated Method Blank
  - E Value above quantitation range
  - J Analyte detected below quantitation limits
  - LOQ Limit of Quantitation
  - PQL Practical Quantitation Limit
  - U Indicates the compound was analyzed but not detected.
  - C Calibration %RSD/%D exceeded for non-CCC analytes
  - H Holding times for preparation or analysis exceeded
  - LOD Limit of Detection
  - P >40% diff for detected conc between the two GC columns
  - S Spike Recovery outside accepted recovery limits

**American Analytical Laboratories, LLC.**

Date: 12-Aug-11

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ8111:1045NP2-7
<b>Lab Order:</b>	1108083	<b>Collection Date:</b>	8/1/2011 10:45:00 AM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108083-02B		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>				<b>E200.7</b>	<b>SW3010A</b>		Analyst: JP
Total Iron	1.76	0.005	0.0200		mg/L	1	8/10/2011 2:23:00 PM

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- |                    |     |   |     |  |
|--------------------|-----|---|-----|--|
| <b>Qualifiers:</b> | B   | Analyte detected in the associated Method Blank       | C   | Calibration %RSD/%D exceeded for non-CCC analytes      |
|                    | E   | Value above quantitation range                        | H   | Holding times for preparation or analysis exceeded     |
|                    | J   | Analyte detected below quantitation limits            | LOD | Limit of Detection                                     |
|                    | LOQ | Limit of Quantitation                                 | P   | >40% diff for detected conc between the two GC columns |
|                    | PQL | Practical Quantitation Limit                          | S   | Spike Recovery outside accepted recovery limits        |
|                    | U   | Indicates the compound was analyzed but not detected. |     |  |

**American Analytical Laboratories, LLC.**

Date: 12-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108083  
 Project: Rowe  
 Lab ID: 1108083-02C

Client Sample ID: WQ8111:1045NP2-7  
 Collection Date: 8/1/2011 10:45:00 AM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS, DISSOLVED</b>				<b>E200.7</b>	<b>SW3005A</b>		Analyst: JP
Dissolved Iron	0.0500	0.005	0.0200		mg/L	1	8/10/2011 2:18:49 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108083  
 Project: Rowe  
 Lab ID: 1108083-03A

Client Sample ID: WQ8111:1050NP2-10  
 Collection Date: 8/1/2011 10:50:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	8/10/2011 5:23:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/10/2011 5:23:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/10/2011 5:23:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/10/2011 5:23:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/10/2011 5:23:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/10/2011 5:23:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM

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	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	LOD Limit of Detection
	LOQ Limit of Quantitation	P >40% diff for detected conc between the two GC columns
	PQL Practical Quantitation Limit	S Spike Recovery outside accepted recovery limits
	U Indicates the compound was analyzed but not detected.	

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108083  
 Project: Rowe  
 Lab ID: 1108083-03A

Client Sample ID: WQ8111:1050NP2-10  
 Collection Date: 8/1/2011 10:50:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Chloromethane	U	0.5	1.0	C	µg/L	1	8/10/2011 5:23:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/10/2011 5:23:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM

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Qualifiers:	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 12-Aug-11

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ8111:1050NP2-10
<b>Lab Order:</b>	1108083	<b>Collection Date:</b>	8/1/2011 10:50:00 AM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108083-03A		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>							Analyst: LA
Vinyl acetate	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/10/2011 5:23:00 PM
Surr: 4-Bromofluorobenzene	95.5	0	63-123		%REC	1	8/10/2011 5:23:00 PM
Surr: Dibromofluoromethane	104	0	68-124		%REC	1	8/10/2011 5:23:00 PM
Surr: Toluene-d8	98.3	0	67-125		%REC	1	8/10/2011 5:23:00 PM

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- |                    |     |   |     |  |
|--------------------|-----|---|-----|--|
| <b>Qualifiers:</b> | B   | Analyte detected in the associated Method Blank       | C   | Calibration %RSD/%D exceeded for non-CCC analytes      |
|                    | E   | Value above quantitation range                        | H   | Holding times for preparation or analysis exceeded     |
|                    | J   | Analyte detected below quantitation limits            | LOD | Limit of Detection                                     |
|                    | LOQ | Limit of Quantitation                                 | P   | >40% diff for detected conc between the two GC columns |
|                    | PQL | Practical Quantitation Limit                          | S   | Spike Recovery outside accepted recovery limits        |
|                    | U   | Indicates the compound was analyzed but not detected. |     |  |

**American Analytical Laboratories, LLC.**

Date: 12-Aug-11

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ8111:1050NP2-10
<b>Lab Order:</b>	1108083	<b>Collection Date:</b>	8/1/2011 10:50:00 AM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108083-03B		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>				<b>E200.7</b>	<b>SW3010A</b>		Analyst: JP
Total Iron	4.07	0.005	0.0200		mg/L	1	8/10/2011 2:27:07 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 12-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108083  
 Project: Rowe  
 Lab ID: 1108083-03C

Client Sample ID: WQ8111:1050NP2-10  
 Collection Date: 8/1/2011 10:50:00 AM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS, DISSOLVED</b>			<b>E200.7</b>		<b>SW3005A</b>		Analyst: JP
Dissolved Iron	0.0560	0.005	0.0200		mg/L	1	8/10/2011 2:25:03 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735  
 Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com



<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	C Calibration %RSD/%D exceeded for non-CCC analytes
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	LOD Limit of Detection
	LOQ Limit of Quantitation	P >40% diff for detected conc between the two GC columns
	PQL Practical Quantitation Limit	S Spike Recovery outside accepted recovery limits
	U Indicates the compound was analyzed but not detected.	

**American Analytical Laboratories, LLC.**

Date: 12-Aug-11

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ8111:1050NP2-10
<b>Lab Order:</b>	1108083	<b>Collection Date:</b>	8/1/2011 10:50:00 AM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108083-03D		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>							Analyst: AB
Total Dissolved Solids (Residue, Filterable)	109	0	1.00	H	mg/L	1	8/9/2011

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: 12-Aug-11

CLIENT: Leggette Brashears & Graham Inc.

Work Order: 1108083

Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113\_W

Sample ID: V624LCS-081011YW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/10/2011	RunNo: 59304
Client ID: LCSW	Batch ID: R59304	TestNo: SW8260C		Analysis Date: 8/10/2011	SeqNo: 832786

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	50	1.0	50.00	0	99.4	38	136				
1,1,2,2-Tetrachloroethane	42	1.0	50.00	0	83.9	50	124				
1,1,2-Trichloroethane	44	1.0	50.00	0	87.0	52	128				
1,1-Dichloroethane	45	1.0	50.00	0	89.3	55	123				
1,1-Dichloroethene	45	1.0	50.00	0	90.6	48	128				
1,2-Dichlorobenzene	49	1.0	50.00	0	98.7	59	123				
1,2-Dichloroethane	49	1.0	50.00	0	97.9	52	129				
1,2-Dichloropropane	45	1.0	50.00	0	90.9	58	124				
1,3-Dichlorobenzene	50	1.0	50.00	0	101	51	124				
1,4-Dichlorobenzene	50	1.0	50.00	0	100	54	128				
2-Chloroethyl vinyl ether	35	2.0	50.00	0	70.6	25	141				
Benzene	46	1.0	50.00	0	91.5	53	131				
Bromodichloromethane	48	1.0	50.00	0	96.1	54	126				
Bromoform	45	1.0	50.00	0	89.5	53	127				
Bromomethane	22	1.0	50.00	0	43.8	42	150				
Carbon tetrachloride	51	1.0	50.00	0	101	46	135				
Chlorobenzene	49	1.0	50.00	0	98.4	53	121				
Chloroethane	33	1.0	50.00	0	65.2	40	145				
Chloroform	50	1.0	50.00	0	99.5	41	135				
Chloromethane	22	1.0	50.00	0	43.8	32	149				
cis-1,3-Dichloropropene	46	1.0	50.00	0	92.7	46	128				C
Dibromochloromethane	49	1.0	50.00	0	97.6	42	124				
Ethylbenzene	49	1.0	50.00	0	97.0	52	135				
Tetrachloroethene	46	1.0	50.00	0	91.1	26	126				
Toluene	49	1.0	50.00	0	97.2	51	130				
trans-1,2-Dichloroethene	44	1.0	50.00	0	89.0	49	125				
trans-1,3-Dichloropropene	46	1.0	50.00	0	91.3	43	125				
Trichloroethene	51	1.0	50.00	0	101	47	127				
Trichlorofluoromethane	37	1.0	50.00	0	74.4	50	152				
Vinyl chloride	36	1.0	50.00	0	72.6	50	149				

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1108083  
**Project:** Rowe

**TestCode:** 8260MTBE113\_W

Sample ID: V624LCS-081011YW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/10/2011	RunNo: 59304
Client ID: LCSW	Batch ID: R59304	TestNo: SW8260C		Analysis Date: 8/10/2011	SeqNo: 832786

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	49		50.00		97.4	63	123				
Surr: Dibromofluoromethane	50		50.00		100	68	124				
Surr: Toluene-d8	50		50.00		101	67	125				

Sample ID: VBLK-081011YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/10/2011	RunNo: 59304
Client ID: PBW	Batch ID: R59304	TestNo: SW8260C		Analysis Date: 8/10/2011	SeqNo: 832787

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	U	1.0									
1,1,1-Trichloroethane	U	1.0									
1,1,2,2-Tetrachloroethane	U	1.0									
1,1,2-Trichloro-1,2-trifluoroethane	U	1.0									
1,1,2-Trichloroethane	U	1.0									
1,1-Dichloroethane	U	1.0									
1,1-Dichloroethene	U	1.0									
1,1-Dichloropropene	U	1.0									
1,2,3-Trichlorobenzene	U	1.0									
1,2,3-Trichloropropane	U	1.0									
1,2,4-Trichlorobenzene	U	1.0									
1,2,4-Trimethylbenzene	U	1.0									
1,2-Dibromo-3-chloropropane	U	2.0									
1,2-Dibromoethane	U	1.0									
1,2-Dichlorobenzene	U	1.0									
1,2-Dichloroethane	U	1.0									
1,2-Dichloropropane	U	1.0									
1,3,5-Trimethylbenzene	U	1.0									
1,3-Dichlorobenzene	U	1.0									
1,3-dichloropropane	U	1.0									
1,4-Dichlorobenzene	U	1.0									
2,2-Dichloropropane	U	1.0									
2-Butanone	U	2.5									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected cone between the two GC column  
 PQL Practical Quantitation Limit

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1108083  
**Project:** Rowe

# ANALYTICAL QC SUMMARY REPORT

**TestCode:** 8260MTBE113\_W

Sample ID:	VBLK-081011YW	SampType:	MBLK	TestCode:	8260MTBE11	Units:	µg/L	Prep Date:	8/10/2011	RunNo:	59304		
Client ID:	PBW	Batch ID:	R59304	TestNo:	SW8260C			Analysis Date:	8/10/2011	SeqNo:	832787		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chloroethyl vinyl ether		U		2.0									
2-Chlorotoluene		U		1.0									
2-Hexanone		U		2.5									
4-Chlorotoluene		U		1.0									
4-Isopropyltoluene		U		1.0									
4-Methyl-2-pentanone		U		2.5									
Acetone		U		2.5									
Benzene		U		1.0									
Bromobenzene		U		1.0									
Bromochloromethane		U		1.0									
Bromodichloromethane		U		1.0									
Bromoform		U		1.0									
Bromomethane		U		1.0									
Carbon disulfide		U		1.0									
Carbon tetrachloride		U		1.0									
Chlorobenzene		U		1.0									
Chloroethane		U		1.0									
Chloroform		U		1.0									
Chloromethane		U		1.0									
cis-1,2-Dichloroethene		U		1.0									
cis-1,3-Dichloropropene		U		1.0									
Dibromochloromethane		U		1.0									
Dibromomethane		U		1.0									
Dichlorodifluoromethane		U		1.0									
Ethylbenzene		U		1.0									
Hexachlorobutadiene		U		1.0									
Isopropylbenzene		U		1.0									
m,p-Xylene		U		2.0									
Methyl tert-butyl ether		U		1.0									
Methylene chloride		U		1.0									
Naphthalene		U		1.0									

C

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 LOQ Limit of Quantitation  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 J Analyte detected below quantitation limits  
 P >40% diff for detected conc between the two GC column  
 E Value above quantitation range  
 LOD Limit of Detection  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Legette Brashears & Graham Inc.  
**Work Order:** 1108083  
**Project:** Rowe

**TestCode:** 8260MTBE113\_W

Sample ID: VBLK-081011YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L
Client ID: PBW	Batch ID: R59304	Prep Date: 8/10/2011	RunNo: 59304
		Analysis Date: 8/10/2011	SeqNo: 832787

Analyte	Result	PQL	SPK value	SPK Ref Val	Units: µg/L	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	U	1.0										
n-Propylbenzene	U	1.0										
o-Xylene	U	1.0										
sec-Butylbenzene	U	1.0										
Styrene	U	1.0										
tert-Butylbenzene	U	1.0										
Tetrachloroethene	U	1.0										
Toluene	U	1.0										
trans-1,2-Dichloroethene	U	1.0										
trans-1,3-Dichloropropene	U	1.0										
Trichloroethene	U	1.0										
Trichlorofluoromethane	U	1.0										
Vinyl acetate	U	1.0										
Vinyl chloride	U	1.0										
Surr: 4-Bromofluorobenzene	48		50.00			96.2	63	123				
Surr: Dibromofluoromethane	50		50.00			100	68	124				
Surr: Toluene-d8	48		50.00			96.9	67	125				

Sample ID: V624LCS-081011YW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L
Client ID: LCSW	Batch ID: R59304A	Prep Date: 8/10/2011	RunNo: 59304
		Analysis Date: 8/10/2011	SeqNo: 832791

Analyte	Result	PQL	SPK value	SPK Ref Val	Units: µg/L	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	52	1.0	50.00	0		103	38	136				
1,1,2,2-Tetrachloroethane	45	1.0	50.00	0		89.9	50	124				
1,1,2-Trichloroethane	46	1.0	50.00	0		91.3	52	128				
1,1-Dichloroethane	48	1.0	50.00	0		96.2	55	123				
1,1-Dichloroethene	51	1.0	50.00	0		102	48	128				
1,2-Dichlorobenzene	51	1.0	50.00	0		101	59	123				
1,2-Dichloroethane	51	1.0	50.00	0		102	52	129				
1,2-Dichloropropane	48	1.0	50.00	0		95.6	58	124				
1,3-Dichlorobenzene	52	1.0	50.00	0		104	51	124				

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggett Brashears & Graham Inc.  
**Work Order:** 1108083  
**Project:** Rowe

**TestCode:** 8260MTBE113\_W

Sample ID: V624LCS-081011YW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/10/2011	RunNo: 59304
Client ID: LCSW	Batch ID: R59304A	TesNo: SW8260C		Analysis Date: 8/10/2011	SeqNo: 832791

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	52	1.0	50.00	0	105	54	128				
2-Chloroethyl vinyl ether	38	2.0	50.00	0	75.8	25	141				
Benzene	49	1.0	50.00	0	97.6	53	131				
Bromodichloromethane	49	1.0	50.00	0	98.8	54	126				
Bromoform	45	1.0	50.00	0	89.8	53	127				
Bromomethane	30	1.0	50.00	0	59.1	42	150				
Carbon tetrachloride	52	1.0	50.00	0	105	46	135				
Chlorobenzene	51	1.0	50.00	0	103	53	121				
Chloroethane	40	1.0	50.00	0	80.7	40	145				
Chloroform	52	1.0	50.00	0	105	41	135				
Chloromethane	33	1.0	50.00	0	66.4	32	149				
cis-1,3-Dichloropropene	49	1.0	50.00	0	97.5	46	128				
Dibromochloromethane	49	1.0	50.00	0	98.2	42	124				
Ethylbenzene	51	1.0	50.00	0	103	52	135				
Tetrachloroethene	45	1.0	50.00	0	89.8	26	126				
Toluene	49	1.0	50.00	0	97.4	51	130				
trans-1,2-Dichloroethene	46	1.0	50.00	0	91.3	49	125				
trans-1,3-Dichloropropene	46	1.0	50.00	0	91.3	43	125				
Trichloroethene	51	1.0	50.00	0	101	47	127				
Trichlorofluoromethane	44	1.0	50.00	0	87.6	50	152				
Vinyl chloride	40	1.0	50.00	0	80.3	50	149				
Surr: 4-Bromofluorobenzene	50		50.00		101	63	123				
Surr: Dibromofluoromethane	51		50.00		101	68	124				
Surr: Toluene-d8	50		50.00		101	67	125				

Sample ID: VBLK-081011YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/10/2011	RunNo: 59304
Client ID: PBW	Batch ID: R59304A	TesNo: SW8260C		Analysis Date: 8/10/2011	SeqNo: 832792

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	U	1.0									
1,1,1-Trichloroethane	U	1.0									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1108083  
**Project:** Rowe

**TestCode:** 8260MTBE113\_W

Sample ID: VBLK-081011YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/10/2011	RunNo: 59304
Client ID: PBW	Batch ID: R59304A	TestNo: SW8260C		Analysis Date: 8/10/2011	SeqNo: 832792

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	U	1.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0									
1,1,2-Trichloroethane	U	1.0									
1,1-Dichloroethane	U	1.0									
1,1-Dichloroethene	U	1.0									
1,1-Dichloropropene	U	1.0									
1,2,3-Trichlorobenzene	U	1.0									
1,2,3-Trichloropropane	U	1.0									
1,2,4-Trichlorobenzene	U	1.0									
1,2,4-Trimethylbenzene	U	1.0									
1,2-Dibromo-3-chloropropane	U	2.0									
1,2-Dibromoethane	U	1.0									
1,2-Dichlorobenzene	U	1.0									
1,2-Dichloroethane	U	1.0									
1,2-Dichloropropane	U	1.0									
1,3,5-Trimethylbenzene	U	1.0									
1,3-Dichlorobenzene	U	1.0									
1,3-dichloropropane	U	1.0									
1,4-Dichlorobenzene	U	1.0									
2,2-Dichloropropane	U	1.0									
2-Butanone	U	2.5									
2-Chloroethyl vinyl ether	U	2.0									
2-Chlorotoluene	U	1.0									
2-Hexanone	U	2.5									
4-Chlorotoluene	U	1.0									
4-Isopropyltoluene	U	1.0									
4-Methyl-2-pentanone	U	2.5									
Acetone	U	2.5									
Benzene	U	1.0									
Bromobenzene	U	1.0									
Bromochloromethane	U	1.0									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 LOQ Limit of Quantitation  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1108083  
**Project:** Rowe

**TestCode:** 8260MTBE113\_W

Sample ID: VBLK-081011YW	Samp Type: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/10/2011	RunNo: 59304						
Client ID: PBW	Batch ID: R59304A	TestNo: SW8260C		Analysis Date: 8/10/2011	SeqNo: 832792						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Bromodichloromethane	U	1.0									
Bromoform	U	1.0									
Bromomethane	U	1.0									
Carbon disulfide	U	1.0									
Carbon tetrachloride	U	1.0									
Chlorobenzene	U	1.0									
Chloroethane	U	1.0									
Chloroform	U	1.0									
Chloromethane	U	1.0									
cis-1,2-Dichloroethene	U	1.0									
cis-1,3-Dichloropropene	U	1.0									
Dibromochloromethane	U	1.0									
Dibromomethane	U	1.0									
Dichlorodifluoromethane	U	1.0									
Ethylbenzene	U	1.0									
Hexachlorobutadiene	U	1.0									
Isopropylbenzene	U	1.0									
m,p-Xylene	U	2.0									
Methyl tert-butyl ether	U	1.0									
Methylene chloride	U	1.0									
Naphthalene	U	1.0									
n-Butylbenzene	U	1.0									
n-Propylbenzene	U	1.0									
o-Xylene	U	1.0									
sec-Butylbenzene	U	1.0									
Styrene	U	1.0									
tert-Butylbenzene	U	1.0									
Tetrachloroethene	U	1.0									
Toluene	U	1.0									
trans-1,2-Dichloroethene	U	1.0									
trans-1,3-Dichloropropene	U	1.0									

C

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
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 P >40% diff for detected conc between the two GC column  
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CLIENT: Leggette Brashears & Graham Inc.  
 Work Order: 1108083  
 Project: Rowe

# ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113\_W

Sample ID: VBLK-081011YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/10/2011	RunNo: 59304
Client ID: PBW	Batch ID: R59304A	TestNo: SW8260C		Analysis Date: 8/10/2011	SeqNo: 832792

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	U	1.0									
Trichlorofluoromethane	U	1.0									
Vinyl acetate	U	1.0									
Vinyl chloride	U	1.0									
Surr: 4-Bromofluorobenzene	49		50.00		98.9	63	123				
Surr: Dibromofluoromethane	50		50.00		99.2	68	124				
Surr: Toluene-d8	50		50.00		99.6	67	125				

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 LOQ Limit of Quantitation  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 J Analyte detected below quantitation limits  
 P >40% diff for detected conc between the two GC column  
 E Value above quantitation range  
 LOD Limit of Detection  
 PQL Practical Quantitation Limit

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1108083  
**Project:** Rowe

# ANALYTICAL QC SUMMARY REPORT

**TestCode:** FE\_D

Sample ID: PBW-081011AD	SampType: MBLK	TestCode: FE_D	Units: mg/L	Prep Date: 8/10/2011	RunNo: 59289						
Client ID: PBW	Batch ID: 32921	TestNo: E200.7	SW3005A	Analysis Date: 8/10/2011	SeqNo: 832456						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dissolved Iron	U	0.0200									

Sample ID: LCSW-081011AD	SampType: LCS	TestCode: FE_D	Units: mg/L	Prep Date: 8/10/2011	RunNo: 59289						
Client ID: LCSW	Batch ID: 32921	TestNo: E200.7	SW3005A	Analysis Date: 8/10/2011	SeqNo: 832458						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dissolved Iron	2.01	0.0200	2.000	0	101	80	120				

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggett Brashears & Graham Inc.  
**Work Order:** 1108083  
**Project:** Rowe

**TestCode: FE\_T**

Sample ID: <b>PBW-081011A</b>	SampType: <b>MBLK</b>	TestCode: <b>FE_T</b>	Units: <b>mg/L</b>	Prep Date: <b>8/10/2011</b>	RunNo: <b>59289</b>						
Client ID: <b>PBW</b>	Batch ID: <b>32922</b>	TestNo: <b>E200.7</b>	<b>SW3010A</b>	Analysis Date: <b>8/10/2011</b>	SeqNo: <b>832469</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Iron	U	0.0200									

Sample ID: <b>LCSW-081011A</b>	SampType: <b>LCS</b>	TestCode: <b>FE_T</b>	Units: <b>mg/L</b>	Prep Date: <b>8/10/2011</b>	RunNo: <b>59289</b>						
Client ID: <b>LCSW</b>	Batch ID: <b>32922</b>	TestNo: <b>E200.7</b>	<b>SW3010A</b>	Analysis Date: <b>8/10/2011</b>	SeqNo: <b>832471</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Iron		2.03	0.0200	2.000	0	102	80	120			

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggette Brashears & Graham Inc.

**Work Order:** 1108083

**Project:** Rowe

**TestCode:** TDS\_W

Sample ID: BL	SampType: MBLK	TestCode: TDS_W	Units: mg/L	Prep Date:	RunNo: 59273						
Client ID: PBW	Batch ID: R59273	TestNo: M2540C		Analysis Date: 8/9/2011	SeqNo: 832229						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Dissolved Solids (Residue, Filtera) U 1.00

**Qualifiers:**

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit

American Analytical Laboratories, LLC.

Date: 12-Aug-11

CLIENT: Leggette Brashears & Graham Inc.  
 Work Order: 1108083  
 Project: Rowe

ANALYTICAL QC SUMMARY REPORT  
 TestCode: 8260MTBE113\_W

Sample ID: 1108083-03AMSD	SampType: MSD	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59304						
Client ID: WQ8111:1050NP2-1	Batch ID: R59304	TestNo: SW8260C		Analysis Date: 8/10/2011	SeqNo: 832790						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	45	1.0	50.00	0	89.5	32	122	42.28	5.72	20	
1,1,2,2-Tetrachloroethane	34	1.0	50.00	0	68.1	30	130	34.37	0.965	20	
1,1,2-Trichloroethane	37	1.0	50.00	0	73.8	42	136	38.50	4.19	20	
1,1-Dichloroethane	39	1.0	50.00	0	77.8	26	121	39.60	1.76	20	
1,1-Dichloroethene	38	1.0	50.00	0	76.7	29	118	42.23	9.63	20	
1,2-Dichlorobenzene	43	1.0	50.00	0	85.3	33	109	41.88	1.80	20	
1,2-Dichloroethane	44	1.0	50.00	0	88.7	26	120	44.79	0.942	20	
1,2-Dichloropropane	38	1.0	50.00	0	76.2	29	119	39.21	2.87	20	
1,3-Dichlorobenzene	44	1.0	50.00	0	87.7	35	111	44.43	1.36	20	
1,4-Dichlorobenzene	45	1.0	50.00	0	89.1	35	110	45.14	1.29	20	
Benzene	40	1.0	50.00	0	80.6	27	116	40.94	1.58	20	
Bromodichloromethane	42	1.0	50.00	0	83.4	32	110	42.28	1.33	20	
Bromoform	37	1.0	50.00	0	73.5	27	119	38.47	4.60	20	
Carbon tetrachloride	47	1.0	50.00	0	93.2	27	123	46.89	0.642	20	
Chlorobenzene	44	1.0	50.00	0	88.1	33	120	44.92	1.93	20	
Chloroethane	31	1.0	50.00	0	62.0	24	138	35.18	12.7	20	
Chloroform	44	1.0	50.00	0	88.2	29	128	45.36	2.79	20	
Chloromethane	18	1.0	50.00	0	36.5	20	118	25.46	33.1	20	RC
cis-1,3-Dichloropropene	38	1.0	50.00	0	76.6	27	110	40.24	4.94	20	
Dibromochloromethane	44	1.0	50.00	0	88.4	32	118	44.59	0.833	20	
Ethylbenzene	42	1.0	50.00	0	84.4	37	111	43.69	3.49	20	
Tetrachloroethene	40	1.0	50.00	0	79.5	20	125	39.51	0.656	20	
Toluene	42	1.0	50.00	0	84.0	30	120	42.14	0.357	20	
trans-1,2-Dichloroethene	38	1.0	50.00	0	76.7	27	115	37.36	2.67	20	
trans-1,3-Dichloropropene	38	1.0	50.00	0	75.3	20	123	38.46	2.10	20	
Trichloroethene	46	1.0	50.00	0	91.4	24	122	46.55	1.82	20	
Trichlorofluoromethane	34	1.0	50.00	0	67.9	30	129	38.15	11.6	20	
Vinyl chloride	30	1.0	50.00	0	59.5	20	141	30.53	2.59	20	
Surr: 4-Bromofluorobenzene	45		50.00		90.6	63	123		0	0	
Surr: Dibromofluoromethane	50		50.00		99.0	68	124		0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 LOQ Limit of Quantitation  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 J Analyte detected below quantitation limits  
 P >40% diff for detected conc between the two GC column  
 E Value above quantitation range  
 LOD Limit of Detection  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113\_W

CLIENT: Leggette Brashears & Graham Inc.  
 Work Order: 1108083  
 Project: Rowe

Sample ID: 1108083-03AMSD	SampType: MSD	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59304						
Client ID: WQ8111:1050NP2-1	Batch ID: R59304	TestNo: SW8260C		Analysis Date: 8/10/2011	SeqNo: 832790						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	49		50.00		97.9	67	125		0	0	0

Sample ID: 1108083-03AMS	SampType: MS	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59304						
Client ID: WQ8111:1050NP2-1	Batch ID: R59304A	TestNo: SW8260C		Analysis Date: 8/10/2011	SeqNo: 832794						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	42	1.0	50.00	0	84.6	32	122				
1,1,2,2-Tetrachloroethane	34	1.0	50.00	0	68.7	30	130				
1,1,2-Trichloroethane	38	1.0	50.00	0	77.0	42	136				
1,1-Dichloroethane	40	1.0	50.00	0	79.2	26	121				
1,1-Dichloroethene	42	1.0	50.00	0	84.5	29	118				
1,2-Dichlorobenzene	42	1.0	50.00	0	83.8	33	109				
1,2-Dichloroethane	45	1.0	50.00	0	89.6	26	120				
1,2-Dichloropropane	39	1.0	50.00	0	78.4	29	119				
1,3-Dichlorobenzene	44	1.0	50.00	0	88.9	35	111				
1,4-Dichlorobenzene	45	1.0	50.00	0	90.3	35	110				
Benzene	41	1.0	50.00	0	81.9	27	116				
Bromodichloromethane	42	1.0	50.00	0	84.6	32	110				
Bromoform	38	1.0	50.00	0	76.9	27	119				
Bromomethane	25	1.0	50.00	0	50.4	30	120				
Carbon tetrachloride	47	1.0	50.00	0	93.8	27	123				
Chlorobenzene	45	1.0	50.00	0	89.8	33	120				
Chloroethane	35	1.0	50.00	0	70.4	24	138				
Chloroform	45	1.0	50.00	0	90.7	29	128				
Chloromethane	25	1.0	50.00	0	50.9	20	118				
cis-1,3-Dichloropropene	40	1.0	50.00	0	80.5	27	110				
Dibromochloromethane	45	1.0	50.00	0	89.2	32	118				
Ethylbenzene	44	1.0	50.00	0	87.4	37	111				
Tetrachloroethene	40	1.0	50.00	0	79.0	20	125				
Toluene	42	1.0	50.00	0	84.3	30	120				
trans-1,2-Dichloroethene	37	1.0	50.00	0	74.7	27	115				

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 LOQ Limit of Quantitation  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 J Analyte detected below quantitation limits  
 P >40% diff for detected conc between the two GC column  
 E Value above quantitation range  
 LOD Limit of Detection  
 PQL Practical Quantitation Limit

CLIENT: Leggette Brashears & Graham Inc.  
 Work Order: 1108083  
 Project: Rowe

# ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113\_W

Sample ID: 1108083-03AMS	SampType: MS	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59304						
Client ID: WQ8111:1050NP2-1	Batch ID: R59304A	TestNo: SW8260C		Analysis Date: 8/10/2011	SeqNo: 832794						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	38	1.0	50.00	0	76.9	20	123				
Trichloroethene	47	1.0	50.00	0	93.1	24	122				
Trichlorofluoromethane	38	1.0	50.00	0	76.3	30	129				
Vinyl chloride	31	1.0	50.00	0	61.1	20	141				
Surr: 4-Bromofluorobenzene	46		50.00		92.0	63	123				
Surr: Dibromofluoromethane	49		50.00		97.6	68	124				
Surr: Toluene-d8	48		50.00		96.1	67	125				

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

Thursday, September 01, 2011

Mark Goldberg  
Leggette Brashears & Graham Inc.  
4 Research Drive  
Suite 301  
Shelton, CT 06484

TEL: (203) 929-8555

FAX (203) 926-9140

RE: Rowe

Order No.: 1108156

Dear Mark Goldberg:

American Analytical Laboratories, LLC. received 3 sample(s) on 8/23/2011 for the analyses presented in the following report.

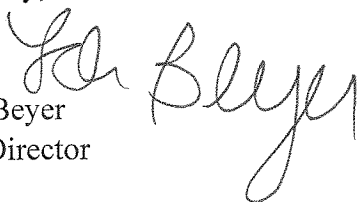
Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report or the data is qualified. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. This report consists of 28 pages.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at [lbeyer@american-analytical.com](mailto:lbeyer@american-analytical.com).

Sincerely,

  
Lori Beyer  
Lab Director

CLIENT: Leggette Brashears & Graham Inc.  
Project: Rowe  
Lab Order: 1108156

**Work Order Sample Summary**

---

Lab Sample ID	Client Sample ID	Date Collected	Date Received
1108156-01A	WQ81811:1430NP2-6	8/18/2011 2:30:00 PM	8/23/2011
1108156-01B	WQ81811:1430NP2-6	8/18/2011 2:30:00 PM	8/23/2011
1108156-01C	WQ81811:1430NP2-6	8/18/2011 2:30:00 PM	8/23/2011
1108156-02A	WQ81811:1435NP2-7	8/18/2011 2:35:00 PM	8/23/2011
1108156-02B	WQ81811:1435NP2-7	8/18/2011 2:35:00 PM	8/23/2011
1108156-02C	WQ81811:1435NP2-7	8/18/2011 2:35:00 PM	8/23/2011
1108156-03A	WQ81811:1440NP2-10	8/18/2011 2:40:00 PM	8/23/2011
1108156-03B	WQ81811:1440NP2-10	8/18/2011 2:40:00 PM	8/23/2011
1108156-03C	WQ81811:1440NP2-10	8/18/2011 2:40:00 PM	8/23/2011
1108156-03D	WQ81811:1440NP2-10	8/18/2011 2:40:00 PM	8/23/2011



American Analytical Laboratories, LLC.

Sample Receipt Checklist

Client Name LBG CT

Date and Time Receive 8/23/2011 9:53:00 AM

Work Order Numbe 1108156

RcptNo: 1

Received by CF

COC\_ID:

CoolerID:

Checklist completed by

Signature: *Chenara* Date: 8/23/11

Reviewed by

Initials: *JCB* Date: 8/23/11

Matrix:

Carrier name FedEx

- Shipping container/cooler in good condition? Yes  No  Not Presen
- Custody seals intact on shipping container/cooler? Yes  No  Not Presen
- Custody seals intact on sample bottles? Yes  No  Not Presen
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container/Temp Blank temperature in compliance? Yes  No
- Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No
- Water - pH acceptable upon receipt? Yes  No  N/A

Adjusted? \_\_\_\_\_ Checked b \_\_\_\_\_

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments:

Corrective Action \_\_\_\_\_

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108156  
 Project: Rowe  
 Lab ID: 1108156-01A

Client Sample ID: WQ81811:1430NP2-6  
 Collection Date: 8/18/2011 2:30:00 PM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>							
							Analyst: LA
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0	C	µg/L	1	8/25/2011 3:33:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0	C	µg/L	1	8/25/2011 3:33:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
2,2-Dichloropropane	U	0.5	1.0	C	µg/L	1	8/25/2011 3:33:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/25/2011 3:33:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/25/2011 3:33:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/25/2011 3:33:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/25/2011 3:33:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/25/2011 3:33:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735  
 Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com



<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108156  
 Project: Rowe  
 Lab ID: 1108156-01A

Client Sample ID: WQ81811:1430NP2-6  
 Collection Date: 8/18/2011 2:30:00 PM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/25/2011 3:33:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Naphthalene	U	0.5	1.0	C	µg/L	1	8/25/2011 3:33:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108156  
 Project: Rowe  
 Lab ID: 1108156-01A

Client Sample ID: WQ81811:1430NP2-6  
 Collection Date: 8/18/2011 2:30:00 PM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed	
<b>VOC</b>		<b>SW8260C</b>				Analyst: LA		
Vinyl acetate	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM	
Vinyl chloride	U	0.5	1.0		µg/L	1	8/25/2011 3:33:00 PM	
Surr: 4-Bromofluorobenzene	102	0	63-123		%REC	1	8/25/2011 3:33:00 PM	
Surr: Dibromofluoromethane	103	0	68-124		%REC	1	8/25/2011 3:33:00 PM	
Surr: Toluene-d8	97.3	0	67-125		%REC	1	8/25/2011 3:33:00 PM	

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- Qualifiers:**
- B Analyte detected in the associated Method Blank
  - E Value above quantitation range
  - J Analyte detected below quantitation limits
  - LOQ Limit of Quantitation
  - PQL Practical Quantitation Limit
  - U Indicates the compound was analyzed but not detected.
  - C Calibration %RSD/%D exceeded for non-CCC analytes
  - H Holding times for preparation or analysis exceeded
  - LOD Limit of Detection
  - P >40% diff for detected conc between the two GC columns
  - S Spike Recovery outside accepted recovery limits

**American Analytical Laboratories, LLC.**

Date: 01-Sep-11

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ81811:1430NP2-6
<b>Lab Order:</b>	1108156	<b>Collection Date:</b>	8/18/2011 2:30:00 PM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108156-01B		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>				<b>E200.7</b>	<b>SW3010A</b>		<b>Analyst: JP</b>
Total Iron	6.33	0.005	0.0200		mg/L	1	8/23/2011 1:31:17 PM

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- |                    |     |   |     |  |
|--------------------|-----|---|-----|--|
| <b>Qualifiers:</b> | B   | Analyte detected in the associated Method Blank       | C   | Calibration %RSD/%D exceeded for non-CCC analytes      |
|                    | E   | Value above quantitation range                        | H   | Holding times for preparation or analysis exceeded     |
|                    | J   | Analyte detected below quantitation limits            | LOD | Limit of Detection                                     |
|                    | LOQ | Limit of Quantitation                                 | P   | >40% diff for detected conc between the two GC columns |
|                    | PQL | Practical Quantitation Limit                          | S   | Spike Recovery outside accepted recovery limits        |
|                    | U   | Indicates the compound was analyzed but not detected. |     |  |

**American Analytical Laboratories, LLC.**

Date: 01-Sep-11

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ81811:1430NP2-6
<b>Lab Order:</b>	1108156	<b>Collection Date:</b>	8/18/2011 2:30:00 PM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108156-01C		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS, DISSOLVED</b>				<b>E200.7</b>	<b>SW3005A</b>		Analyst: JP
Dissolved Iron	0.0320	0.005	0.0200		mg/L	1	8/23/2011 12:28:42 PM

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- |                    |     |   |     |  |
|--------------------|-----|---|-----|--|
| <b>Qualifiers:</b> | B   | Analyte detected in the associated Method Blank       | C   | Calibration %RSD/%D exceeded for non-CCC analytes      |
|                    | E   | Value above quantitation range                        | H   | Holding times for preparation or analysis exceeded     |
|                    | J   | Analyte detected below quantitation limits            | LOD | Limit of Detection                                     |
|                    | LOQ | Limit of Quantitation                                 | P   | >40% diff for detected conc between the two GC columns |
|                    | PQL | Practical Quantitation Limit                          | S   | Spike Recovery outside accepted recovery limits        |
|                    | U   | Indicates the compound was analyzed but not detected. |     |  |

**American Analytical Laboratories, LLC.**

Date: 01-Sep-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108156  
 Project: Rowe  
 Lab ID: 1108156-02A

Client Sample ID: WQ81811:1435NP2-7  
 Collection Date: 8/18/2011 2:35:00 PM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>		<b>SW8260C</b>			<b>Analyst: LA</b>		
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0	C	µg/L	1	8/25/2011 3:56:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0	C	µg/L	1	8/25/2011 3:56:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
2,2-Dichloropropane	U	0.5	1.0	C	µg/L	1	8/25/2011 3:56:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/25/2011 3:56:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/25/2011 3:56:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/25/2011 3:56:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/25/2011 3:56:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/25/2011 3:56:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM

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	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
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	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108156  
 Project: Rowe  
 Lab ID: 1108156-02A

Client Sample ID: WQ81811:1435NP2-7  
 Collection Date: 8/18/2011 2:35:00 PM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/25/2011 3:56:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Naphthalene	U	0.5	1.0	C	µg/L	1	8/25/2011 3:56:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 01-Sep-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108156  
 Project: Rowe  
 Lab ID: 1108156-02A

Client Sample ID: WQ81811:1435NP2-7  
 Collection Date: 8/18/2011 2:35:00 PM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>					<b>SW8260C</b>		Analyst: LA
Vinyl acetate	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/25/2011 3:56:00 PM
Surr: 4-Bromofluorobenzene	97.1	0	63-123		%REC	1	8/25/2011 3:56:00 PM
Surr: Dibromofluoromethane	110	0	68-124		%REC	1	8/25/2011 3:56:00 PM
Surr: Toluene-d8	96.0	0	67-125		%REC	1	8/25/2011 3:56:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 01-Sep-11

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ81811:1435NP2-7
<b>Lab Order:</b>	1108156	<b>Collection Date:</b>	8/18/2011 2:35:00 PM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108156-02B		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>			<b>E200.7</b>		<b>SW3010A</b>		<b>Analyst: JP</b>
Total Iron	6.57	0.005	0.0200		mg/L	1	8/23/2011 1:33:21 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ81811:1435NP2-7
<b>Lab Order:</b>	1108156	<b>Collection Date:</b>	8/18/2011 2:35:00 PM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108156-02C		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS, DISSOLVED</b>			<b>E200.7</b>		<b>SW3005A</b>		Analyst: JP
Dissolved Iron	0.188	0.005	0.0200		mg/L	1	8/23/2011 12:30:46 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108156  
 Project: Rowe  
 Lab ID: 1108156-03A

Client Sample ID: WQ81811:1440NP2-10  
 Collection Date: 8/18/2011 2:40:00 PM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0	C	µg/L	1	8/25/2011 4:20:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0	C	µg/L	1	8/25/2011 4:20:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
2,2-Dichloropropane	U	0.5	1.0	C	µg/L	1	8/25/2011 4:20:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/25/2011 4:20:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/25/2011 4:20:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/25/2011 4:20:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/25/2011 4:20:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/25/2011 4:20:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 01-Sep-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108156  
 Project: Rowe  
 Lab ID: 1108156-03A

Client Sample ID: WQ81811:1440NP2-10  
 Collection Date: 8/18/2011 2:40:00 PM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/25/2011 4:20:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Naphthalene	U	0.5	1.0	C	µg/L	1	8/25/2011 4:20:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108156  
 Project: Rowe  
 Lab ID: 1108156-03A

Client Sample ID: WQ81811:1440NP2-10  
 Collection Date: 8/18/2011 2:40:00 PM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>			Analyst: LA	
Vinyl acetate	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/25/2011 4:20:00 PM
Surr: 4-Bromofluorobenzene	102	0	63-123		%REC	1	8/25/2011 4:20:00 PM
Surr: Dibromofluoromethane	99.2	0	68-124		%REC	1	8/25/2011 4:20:00 PM
Surr: Toluene-d8	97.3	0	67-125		%REC	1	8/25/2011 4:20:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 01-Sep-11

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ81811:1440NP2-10
<b>Lab Order:</b>	1108156	<b>Collection Date:</b>	8/18/2011 2:40:00 PM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108156-03B		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>				<b>E200.7</b>	<b>SW3010A</b>		Analyst: JP
Total Iron	6.97	0.005	0.0200		mg/L	1	8/23/2011 1:35:24 PM

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- |                    |     |   |     |  |
|--------------------|-----|---|-----|--|
| <b>Qualifiers:</b> | B   | Analyte detected in the associated Method Blank       | C   | Calibration %RSD/%D exceeded for non-CCC analytes      |
|                    | E   | Value above quantitation range                        | H   | Holding times for preparation or analysis exceeded     |
|                    | J   | Analyte detected below quantitation limits            | LOD | Limit of Detection                                     |
|                    | LOQ | Limit of Quantitation                                 | P   | >40% diff for detected conc between the two GC columns |
|                    | PQL | Practical Quantitation Limit                          | S   | Spike Recovery outside accepted recovery limits        |
|                    | U   | Indicates the compound was analyzed but not detected. |     |  |

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ81811:1440NP2-10
<b>Lab Order:</b>	1108156	<b>Collection Date:</b>	8/18/2011 2:40:00 PM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108156-03C		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS, DISSOLVED</b>			<b>E200.7</b>		<b>SW3005A</b>		<b>Analyst: JP</b>
Dissolved Iron	0.135	0.005	0.0200		mg/L	1	8/23/2011 1:08:31 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 01-Sep-11

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ81811:1440NP2-10
<b>Lab Order:</b>	1108156	<b>Collection Date:</b>	8/18/2011 2:40:00 PM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108156-03D		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>							Analyst: AB
Total Dissolved Solids (Residue, Filterable)	105	0	1.00	M2540C	mg/L	1	8/25/2011

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- |                    |     |   |     |  |
|--------------------|-----|---|-----|--|
| <b>Qualifiers:</b> | B   | Analyte detected in the associated Method Blank       | C   | Calibration %RSD/%D exceeded for non-CCC analytes      |
|                    | E   | Value above quantitation range                        | H   | Holding times for preparation or analysis exceeded     |
|                    | J   | Analyte detected below quantitation limits            | LOD | Limit of Detection                                     |
|                    | LOQ | Limit of Quantitation                                 | P   | >40% diff for detected conc between the two GC columns |
|                    | PQL | Practical Quantitation Limit                          | S   | Spike Recovery outside accepted recovery limits        |
|                    | U   | Indicates the compound was analyzed but not detected. |     |  |

CLIENT: Leggette Brashears & Graham Inc.  
 Work Order: 1108156  
 Project: Rowe

**ANALYTICAL QC SUMMARY REPORT**

TestCode: 8260MTBE113\_W

Sample ID: V624LCS-082511LW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/25/2011	RunNo: 59532						
Client ID: LCSW	Batch ID: R59532	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836209						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	46	1.0	50.00	0	93.0	38	136				
1,1,2,2-Tetrachloroethane	43	1.0	50.00	0	86.9	50	124				
1,1,2-Trichloroethane	42	1.0	50.00	0	83.2	52	128				
1,1-Dichloroethane	45	1.0	50.00	0	89.6	55	123				
1,1-Dichloroethene	44	1.0	50.00	0	88.5	48	128				
1,2-Dichlorobenzene	41	1.0	50.00	0	81.3	59	123				
1,2-Dichloroethane	43	1.0	50.00	0	85.3	52	129				
1,2-Dichloropropane	45	1.0	50.00	0	89.2	58	124				
1,3-Dichlorobenzene	42	1.0	50.00	0	84.9	51	124				
1,4-Dichlorobenzene	40	1.0	50.00	0	79.7	54	128				
2-Chloroethyl vinyl ether	45	2.0	50.00	0	90.0	25	141				
Benzene	43	1.0	50.00	0	85.2	53	131				
Bromodichloromethane	42	1.0	50.00	0	84.6	54	126				
Bromoform	43	1.0	50.00	0	86.7	53	127				
Bromomethane	28	1.0	50.00	0	55.6	42	150				
Carbon tetrachloride	47	1.0	50.00	0	93.9	46	135				
Chlorobenzene	41	1.0	50.00	0	81.6	53	121				
Chloroethane	36	1.0	50.00	0	72.1	40	145				
Chloroform	46	1.0	50.00	0	92.4	41	135				
Chloromethane	34	1.0	50.00	0	68.9	32	149				
Dibromochloromethane	43	1.0	50.00	0	86.4	42	124				
Ethylbenzene	42	1.0	50.00	0	83.1	52	135				
Tetrachloroethene	37	1.0	50.00	0	74.1	26	126				
Toluene	43	1.0	50.00	0	85.3	51	130				
trans-1,2-Dichloroethene	43	1.0	50.00	0	85.1	49	125				
trans-1,3-Dichloropropene	42	1.0	50.00	0	84.3	43	125				
Trichloroethene	45	1.0	50.00	0	90.9	47	127				
Trichlorofluoromethane	43	1.0	50.00	0	85.6	50	152				
Vinyl chloride	45	1.0	50.00	0	89.0	50	149				
Surr: 4-Bromofluorobenzene	51		50.00		102	63	123				

Qualifiers: B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 LOQ Limit of Quantitation

C Calibration %RSD/%d exceeded for non-CCC analytes  
 J Analyte detected below quantitation limits  
 P >40% diff for detected conc between the two GC column

E Value above quantitation range  
 LOD Limit of Detection  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1108156  
**Project:** Rowe

**TestCode:** 8260MTBE113\_W

Sample ID: V624LCS-082511LW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/25/2011	RunNo: 59532
Client ID: LCSW	Batch ID: R59532	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836209

Analyte	Result	PQL	SPK value	SPK Ref Val	Units: µg/L	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	50		50.00			99.9	68	124				
Surr: Toluene-d8	51		50.00			101	67	125				

Sample ID: VBLK-082511LW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/25/2011	RunNo: 59532
Client ID: PBW	Batch ID: R59532	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836210

Analyte	Result	PQL	SPK value	SPK Ref Val	Units: µg/L	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	U	1.0										
1,1,1-Trichloroethane	U	1.0										
1,1,2,2-Tetrachloroethane	U	1.0										
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0										
1,1,2-Trichloroethane	U	1.0										
1,1-Dichloroethane	U	1.0										
1,1-Dichloroethene	U	1.0										
1,1-Dichloropropene	U	1.0										
1,2,3-Trichlorobenzene	U	1.0										
1,2,3-Trichloropropane	U	1.0										
1,2,4-Trichlorobenzene	U	1.0										
1,2,4-Trimethylbenzene	U	1.0										
1,2-Dibromo-3-chloropropane	U	2.0										C
1,2-Dibromoethane	U	1.0										
1,2-Dichlorobenzene	U	1.0										
1,2-Dichloroethane	U	1.0										
1,2-Dichloropropane	U	1.0										
1,3,5-Trimethylbenzene	U	1.0										
1,3-Dichlorobenzene	U	1.0										
1,3-dichloropropane	U	1.0										
1,4-Dichlorobenzene	U	1.0										
2,2-Dichloropropane	U	1.0										
2-Butanone	U	2.5										C
2-Chloroethyl vinyl ether	U	2.0										

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 LOQ Limit of Quantitation  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 J Analyte detected below quantitation limits  
 P >40% diff for detected conc between the two GC column  
 E Value above quantitation range  
 LOD Limit of Detection  
 PQL Practical Quantitation Limit

CLIENT: Leggette Brashears & Graham Inc.  
 Work Order: 1108156  
 Project: Rowe

# ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113\_W

Sample ID: VBLK-082511LW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/25/2011	RunNo: 59532						
Client ID: PBW	Batch ID: R59532	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836210						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

2-Chlorotoluene	U	1.0									
2-Hexanone	U	2.5									
4-Chlorotoluene	U	1.0									
4-Isopropyltoluene	U	1.0									
4-Methyl-2-pentanone	U	2.5									
Acetone	U	2.5									
Benzene	U	1.0									
Bromobenzene	U	1.0									
Bromochloromethane	U	1.0									
Bromodichloromethane	U	1.0									
Bromoform	U	1.0									
Bromomethane	U	1.0									
Carbon disulfide	U	1.0									
Carbon tetrachloride	U	1.0									
Chlorobenzene	U	1.0									
Chloroethane	U	1.0									
Chloroform	U	1.0									
Chloromethane	U	1.0									
cis-1,2-Dichloroethene	U	1.0									
cis-1,3-Dichloropropene	U	1.0									
Dibromochloromethane	U	1.0									
Dibromomethane	U	1.0									
Dichlorodifluoromethane	U	1.0									
Ethylbenzene	U	1.0									
Hexachlorobutadiene	U	1.0									
Isopropylbenzene	U	1.0									
m,p-Xylene	U	2.0									
Methyl tert-butyl ether	U	1.0									
Methylene chloride	U	1.0									
Naphthalene	U	1.0									
n-Butylbenzene	U	1.0									C

Qualifiers: B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

CLIENT: Leggette Brashears & Graham Inc.  
 Work Order: 1108156  
 Project: Rowe

# ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113\_W

Sample ID: VBLK-082511LW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/25/2011	RunNo: 59532
Client ID: PBW	Batch ID: R59532	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836210

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Propylbenzene	U	1.0									
o-Xylene	U	1.0									
sec-Butylbenzene	U	1.0									
Styrene	U	1.0									
tert-Butylbenzene	U	1.0									
Tetrachloroethene	U	1.0									
Toluene	U	1.0									
trans-1,2-Dichloroethene	U	1.0									
trans-1,3-Dichloropropene	U	1.0									
Trichloroethene	U	1.0									
Trichlorofluoromethane	U	1.0									
Vinyl acetate	U	1.0									
Vinyl chloride	U	1.0									
Surr: 4-Bromofluorobenzene	53		50.00		105	63			123		
Surr: Dibromofluoromethane	48		50.00		96.9	68			124		
Surr: Toluene-d8	49		50.00		98.0	67			125		

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- LOQ Limit of Quantitation
- C Calibration %RSD/%D exceeded for non-CCC analytes
- J Analyte detected below quantitation limits
- P >40% diff for detected conc between the two GC column
- E Value above quantitation range
- LOD Limit of Detection
- PQL Practical Quantitation Limit



# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1108156  
**Project:** Rowe

**TestCode:** FE\_T

Sample ID: PBW-082311A	SampType: MBLK	TestCode: FE_T	Units: mg/L	Prep Date: 8/23/2011	RunNo: 59478					
Client ID: PBW	Batch ID: 33043	TestNo: E200.7	SW3010A	Analysis Date: 8/23/2011	SeqNo: 835641					
Analyte	Result	PQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Iron	U		0.0200							

Sample ID: LCSW-082311A	SampType: LCS	TestCode: FE_T	Units: mg/L	Prep Date: 8/23/2011	RunNo: 59478					
Client ID: LCSW	Batch ID: 33043	TestNo: E200.7	SW3010A	Analysis Date: 8/23/2011	SeqNo: 835642					
Analyte	Result	PQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Iron			2.00	100	80	120				

**Qualifiers:** B Analyte detected in the associated Method Blank      C Calibration %RSD/%D exceeded for non-CCC analytes      E Value above quantitation range  
 H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits      LOD Limit of Detection  
 LOQ Limit of Quantitation      P >40% diff for detected conc between the two GC column      PQL Practical Quantitation Limit

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1108156  
**Project:** Rowe

# ANALYTICAL QC SUMMARY REPORT

**TestCode:** TDS\_W

Sample ID: MB-R59588	SampType: MBLK	TestCode: TDS_W	Units: mg/L	Prep Date:	RunNo: 59588
Client ID: PBW	Batch ID: R59588	TestNo: M2540C		Analysis Date: 8/25/2011	SeqNo: 836976
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
				LowLimit	HighLimit
				RPD Ref Val	%RPD
					RPDLimit
					Qual

Total Dissolved Solids (Residue, Filtera) U 1.00

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 LOQ Limit of Quantitation  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 J Analyte detected below quantitation limits  
 P >40% diff for detected conc between the two GC column  
 E Value above quantitation range  
 LOD Limit of Detection  
 PQL Practical Quantitation Limit

CLIENT: Leggette Brashears & Graham Inc.

Work Order: 1108156

Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: FE\_D

Sample ID:	1108156-03C-MS	SampType:	MS	TestCode:	FE_D	Units:	mg/L	Prep Date:	8/23/2011	RunNo:	59479
Client ID:	WQ81811:1440NP2-	Batch ID:	33042	TestNo:	E200.7	SW3005A		Analysis Date:	8/23/2011	SeqNo:	835691
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dissolved Iron	1.16	0.0200	1.000	0.1350	103	75	125				
Sample ID:	1108156-03C-MSD	SampType:	MSD	TestCode:	FE_D	Units:	mg/L	Prep Date:	8/23/2011	RunNo:	59479
Client ID:	WQ81811:1440NP2-	Batch ID:	33042	TestNo:	E200.7	SW3005A		Analysis Date:	8/23/2011	SeqNo:	835692
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dissolved Iron	1.16	0.0200	1.000	0.1350	103	75	125	1.163	0.258	20	

Qualifiers: B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

Thursday, September 01, 2011

Mark Goldberg  
Leggette Brashears & Graham Inc.  
4 Research Drive  
Suite 301  
Shelton, CT 06484

TEL: (203) 929-8555

FAX (203) 926-9140

RE: Rowe

Order No.: 1108175

Dear Mark Goldberg:

American Analytical Laboratories, LLC. received 3 sample(s) on 8/25/2011 for the analyses presented in the following report.

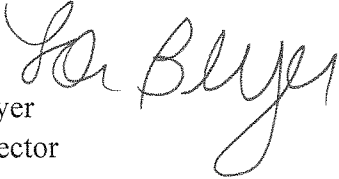
Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report or the data is qualified. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. This report consists of 31 pages.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at [lbeyer@american-analytical.com](mailto:lbeyer@american-analytical.com).

Sincerely,

  
Lori Beyer  
Lab Director

CLIENT: Leggette Brashears & Graham Inc.  
Project: Rowe  
Lab Order: 1108175

**Work Order Sample Summary**

---

Lab Sample ID	Client Sample ID	Date Collected	Date Received
1108175-01A	WQ82311:1230NP2-6	8/23/2011 12:30:00 PM	8/25/2011
1108175-01B	WQ82311:1230NP2-6	8/23/2011 12:30:00 PM	8/25/2011
1108175-01C	WQ82311:1230NP2-6	8/23/2011 12:30:00 PM	8/25/2011
1108175-02A	WQ82311:1235NP2-7	8/23/2011 12:35:00 PM	8/25/2011
1108175-02B	WQ82311:1235NP2-7	8/23/2011 12:35:00 PM	8/25/2011
1108175-02C	WQ82311:1235NP2-7	8/23/2011 12:35:00 PM	8/25/2011
1108175-03A	WQ82311:1240NP2-10	8/23/2011 12:40:00 PM	8/25/2011
1108175-03B	WQ82311:1240NP2-10	8/23/2011 12:40:00 PM	8/25/2011
1108175-03C	WQ82311:1240NP2-10	8/23/2011 12:40:00 PM	8/25/2011
1108175-03D	WQ82311:1240NP2-10	8/23/2011 12:40:00 PM	8/25/2011



American Analytical Laboratories, LLC.

Sample Receipt Checklist

Client Name LBG CT

Date and Time Receive 8/25/2011 10:35:02 AM

Work Order Number 1108175

RcptNo: 1

Received by CF

COC\_ID:

CoolerID:

Checklist completed by

Signature: *CF* Date: 8/25/11

Reviewed by

Initials: *YCB* Date: 8/25/11

Matrix:

Carrier name FedEx

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container/Temp Blank temperature in compliance? Yes  No
- Water - VOA vials have zero headspace? Yes  No VOA vials submitted  Yes  No
- Water - pH acceptable upon receipt? Yes  No  N/A

Adjusted? \_\_\_\_\_ Checked b \_\_\_\_\_

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments:

Corrective Action \_\_\_\_\_

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108175  
 Project: Rowe  
 Lab ID: 1108175-01A

Client Sample ID: WQ82311:1230NP2-6  
 Collection Date: 8/23/2011 12:30:00 PM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0	C	µg/L	1	8/25/2011 6:17:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0	C	µg/L	1	8/25/2011 6:17:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
2,2-Dichloropropane	U	0.5	1.0	C	µg/L	1	8/25/2011 6:17:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/25/2011 6:17:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/25/2011 6:17:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/25/2011 6:17:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/25/2011 6:17:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/25/2011 6:17:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 01-Sep-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108175  
 Project: Rowe  
 Lab ID: 1108175-01A

Client Sample ID: WQ82311:1230NP2-6  
 Collection Date: 8/23/2011 12:30:00 PM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>			<b>Analyst: LA</b>	
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/25/2011 6:17:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Naphthalene	U	0.5	1.0	C	µg/L	1	8/25/2011 6:17:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735

Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com



<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	C Calibration %RSD/%D exceeded for non-CCC analytes
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	LOD Limit of Detection
	LOQ Limit of Quantitation	P >40% diff for detected conc between the two GC columns
	PQL Practical Quantitation Limit	S Spike Recovery outside accepted recovery limits
	U Indicates the compound was analyzed but not detected.	

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108175  
 Project: Rowe  
 Lab ID: 1108175-01A

Client Sample ID: WQ82311:1230NP2-6  
 Collection Date: 8/23/2011 12:30:00 PM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Vinyl acetate	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/25/2011 6:17:00 PM
Surr: 4-Bromofluorobenzene	101	0	63-123		%REC	1	8/25/2011 6:17:00 PM
Surr: Dibromofluoromethane	101	0	68-124		%REC	1	8/25/2011 6:17:00 PM
Surr: Toluene-d8	97.7	0	67-125		%REC	1	8/25/2011 6:17:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ82311:1230NP2-6
<b>Lab Order:</b>	1108175	<b>Collection Date:</b>	8/23/2011 12:30:00 PM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108175-01B		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>			<b>E200.7</b>		<b>SW3010A</b>		<b>Analyst: JP</b>
Total Iron	1.87	0.005	0.0200		mg/L	1	8/25/2011 12:52:18 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735  
 Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com



- |                    |     |   |     |  |
|--------------------|-----|---|-----|--|
| <b>Qualifiers:</b> | B   | Analyte detected in the associated Method Blank       | C   | Calibration %RSD/%D exceeded for non-CCC analytes      |
|                    | E   | Value above quantitation range                        | H   | Holding times for preparation or analysis exceeded     |
|                    | J   | Analyte detected below quantitation limits            | LOD | Limit of Detection                                     |
|                    | LOQ | Limit of Quantitation                                 | P   | >40% diff for detected conc between the two GC columns |
|                    | PQL | Practical Quantitation Limit                          | S   | Spike Recovery outside accepted recovery limits        |
|                    | U   | Indicates the compound was analyzed but not detected. |     |  |

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ82311:1230NP2-6
<b>Lab Order:</b>	1108175	<b>Collection Date:</b>	8/23/2011 12:30:00 PM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108175-01C		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS, DISSOLVED</b>			<b>E200.7</b>		<b>SW3005A</b>		<b>Analyst: JP</b>
Dissolved Iron	0.0390	0.005	0.0200		mg/L	1	8/25/2011 12:43:26 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735  
 Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com



- |                    |     |   |     |  |
|--------------------|-----|---|-----|--|
| <b>Qualifiers:</b> | B   | Analyte detected in the associated Method Blank       | C   | Calibration %RSD/%D exceeded for non-CCC analytes      |
|                    | E   | Value above quantitation range                        | H   | Holding times for preparation or analysis exceeded     |
|                    | J   | Analyte detected below quantitation limits            | LOD | Limit of Detection                                     |
|                    | LOQ | Limit of Quantitation                                 | P   | >40% diff for detected conc between the two GC columns |
|                    | PQL | Practical Quantitation Limit                          | S   | Spike Recovery outside accepted recovery limits        |
|                    | U   | Indicates the compound was analyzed but not detected. |     |  |

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108175  
 Project: Rowe  
 Lab ID: 1108175-02A

Client Sample ID: WQ82311:1235NP2-7  
 Collection Date: 8/23/2011 12:35:00 PM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0	C	µg/L	1	8/25/2011 6:40:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0	C	µg/L	1	8/25/2011 6:40:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
2,2-Dichloropropane	U	0.5	1.0	C	µg/L	1	8/25/2011 6:40:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/25/2011 6:40:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/25/2011 6:40:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/25/2011 6:40:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/25/2011 6:40:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/25/2011 6:40:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM

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Qualifiers:	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108175  
 Project: Rowe  
 Lab ID: 1108175-02A

Client Sample ID: WQ82311:1235NP2-7  
 Collection Date: 8/23/2011 12:35:00 PM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/25/2011 6:40:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Naphthalene	U	0.5	1.0	C	µg/L	1	8/25/2011 6:40:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM

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<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	C Calibration %RSD/%D exceeded for non-CCC analytes
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	LOD Limit of Detection
	LOQ Limit of Quantitation	P >40% diff for detected conc between the two GC columns
	PQL Practical Quantitation Limit	S Spike Recovery outside accepted recovery limits
	U Indicates the compound was analyzed but not detected.	

**American Analytical Laboratories, LLC.**

Date: 01-Sep-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108175  
 Project: Rowe  
 Lab ID: 1108175-02A

Client Sample ID: WQ82311:1235NP2-7  
 Collection Date: 8/23/2011 12:35:00 PM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>			Analyst: LA	
Vinyl acetate	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/25/2011 6:40:00 PM
Surr: 4-Bromofluorobenzene	100	0	63-123		%REC	1	8/25/2011 6:40:00 PM
Surr: Dibromofluoromethane	99.0	0	68-124		%REC	1	8/25/2011 6:40:00 PM
Surr: Toluene-d8	99.0	0	67-125		%REC	1	8/25/2011 6:40:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108175  
 Project: Rowe  
 Lab ID: 1108175-02B

Client Sample ID: WQ82311:1235NP2-7  
 Collection Date: 8/23/2011 12:35:00 PM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>			<b>E200.7</b>		<b>SW3010A</b>		Analyst: JP
Total Iron	1.13	0.005	0.0200		mg/L	1	8/25/2011 12:56:26 PM

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- Qualifiers:**
- B Analyte detected in the associated Method Blank
  - E Value above quantitation range
  - J Analyte detected below quantitation limits
  - LOQ Limit of Quantitation
  - PQL Practical Quantitation Limit
  - U Indicates the compound was analyzed but not detected.
  - C Calibration %RSD/%D exceeded for non-CCC analytes
  - H Holding times for preparation or analysis exceeded
  - LOD Limit of Detection
  - P >40% diff for detected conc between the two GC columns
  - S Spike Recovery outside accepted recovery limits

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108175  
 Project: Rowe  
 Lab ID: 1108175-02C

Client Sample ID: WQ82311:1235NP2-7  
 Collection Date: 8/23/2011 12:35:00 PM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS, DISSOLVED</b>				<b>E200.7</b>	<b>SW3005A</b>		Analyst: JP
Dissolved Iron	0.104	0.005	0.0200		mg/L	1	8/25/2011 12:54:22 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108175  
 Project: Rowe  
 Lab ID: 1108175-03A

Client Sample ID: WQ82311:1240NP2-10  
 Collection Date: 8/23/2011 12:40:00 PM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0	C	µg/L	1	8/25/2011 7:04:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0	C	µg/L	1	8/25/2011 7:04:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
2,2-Dichloropropane	U	0.5	1.0	C	µg/L	1	8/25/2011 7:04:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/25/2011 7:04:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/25/2011 7:04:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/25/2011 7:04:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/25/2011 7:04:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/25/2011 7:04:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM

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<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	C Calibration %RSD/%D exceeded for non-CCC analytes
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	LOD Limit of Detection
	LOQ Limit of Quantitation	P >40% diff for detected conc between the two GC columns
	PQL Practical Quantitation Limit	S Spike Recovery outside accepted recovery limits
	U Indicates the compound was analyzed but not detected.	

**American Analytical Laboratories, LLC.**

Date: 01-Sep-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108175  
 Project: Rowe  
 Lab ID: 1108175-03A

Client Sample ID: WQ82311:1240NP2-10  
 Collection Date: 8/23/2011 12:40:00 PM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>			<b>Analyst: LA</b>	
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/25/2011 7:04:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Naphthalene	U	0.5	1.0	C	µg/L	1	8/25/2011 7:04:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM

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<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	C Calibration %RSD/%D exceeded for non-CCC analytes
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	LOD Limit of Detection
	LOQ Limit of Quantitation	P >40% diff for detected conc between the two GC columns
	PQL Practical Quantitation Limit	S Spike Recovery outside accepted recovery limits
	U Indicates the compound was analyzed but not detected.	

**American Analytical Laboratories, LLC.**

Date: 01-Sep-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108175  
 Project: Rowe  
 Lab ID: 1108175-03A

Client Sample ID: WQ82311:1240NP2-10  
 Collection Date: 8/23/2011 12:40:00 PM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>			Analyst: LA	
Vinyl acetate	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/25/2011 7:04:00 PM
Surr: 4-Bromofluorobenzene	101	0	63-123		%REC	1	8/25/2011 7:04:00 PM
Surr: Dibromofluoromethane	96.1	0	68-124		%REC	1	8/25/2011 7:04:00 PM
Surr: Toluene-d8	101	0	67-125		%REC	1	8/25/2011 7:04:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ82311:1240NP2-10
<b>Lab Order:</b>	1108175	<b>Collection Date:</b>	8/23/2011 12:40:00 PM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108175-03B		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>			<b>E200.7</b>		<b>SW3010A</b>		<b>Analyst: JP</b>
Total Iron	1.82	0.005	0.0200		mg/L	1	8/25/2011 1:00:33 PM

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- |                    |     |   |     |  |
|--------------------|-----|---|-----|--|
| <b>Qualifiers:</b> | B   | Analyte detected in the associated Method Blank       | C   | Calibration %RSD/%D exceeded for non-CCC analytes      |
|                    | E   | Value above quantitation range                        | H   | Holding times for preparation or analysis exceeded     |
|                    | J   | Analyte detected below quantitation limits            | LOD | Limit of Detection                                     |
|                    | LOQ | Limit of Quantitation                                 | P   | >40% diff for detected conc between the two GC columns |
|                    | PQL | Practical Quantitation Limit                          | S   | Spike Recovery outside accepted recovery limits        |
|                    | U   | Indicates the compound was analyzed but not detected. |     |  |

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ82311:1240NP2-10
<b>Lab Order:</b>	1108175	<b>Collection Date:</b>	8/23/2011 12:40:00 PM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108175-03C		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS, DISSOLVED</b>			<b>E200.7</b>		<b>SW3005A</b>		<b>Analyst: JP</b>
Dissolved Iron	0.136	0.005	0.0200		mg/L	1	8/25/2011 12:58:29 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 01-Sep-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
Lab Order: 1108175  
Project: Rowe  
Lab ID: 1108175-03D

Client Sample ID: WQ82311:1240NP2-10  
Collection Date: 8/23/2011 12:40:00 PM  
Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>				<b>M2540C</b>			Analyst: AB
Total Dissolved Solids (Residue, Filterable)	120	0	1.00		mg/L	1	8/25/2011

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735  
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com



<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

CLIENT: Leggette Brashears & Graham Inc.  
 Work Order: 1108175  
 Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113\_W

Sample ID: V624LCS-082511LW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/25/2011	RunNo: 59537						
Client ID: LCSW	Batch ID: R59537	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836234						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	46	1.0	50.00	0	93.0	38	136				
1,1,2,2-Tetrachloroethane	43	1.0	50.00	0	86.9	50	124				
1,1,2-Trichloroethane	42	1.0	50.00	0	83.2	52	128				
1,1-Dichloroethane	45	1.0	50.00	0	89.6	55	123				
1,1-Dichloroethene	44	1.0	50.00	0	88.5	48	128				
1,2-Dichlorobenzene	41	1.0	50.00	0	81.3	59	123				
1,2-Dichloroethane	43	1.0	50.00	0	85.3	52	129				
1,2-Dichloropropane	45	1.0	50.00	0	89.2	58	124				
1,3-Dichlorobenzene	42	1.0	50.00	0	84.9	51	124				
1,4-Dichlorobenzene	40	1.0	50.00	0	79.7	54	128				
2-Chloroethyl vinyl ether	45	2.0	50.00	0	90.0	25	141				
Benzene	43	1.0	50.00	0	85.2	53	131				
Bromodichloromethane	42	1.0	50.00	0	84.6	54	126				
Bromoform	43	1.0	50.00	0	86.7	53	127				
Bromomethane	28	1.0	50.00	0	55.6	42	150				
Carbon tetrachloride	47	1.0	50.00	0	93.9	46	135				
Chlorobenzene	41	1.0	50.00	0	81.6	53	121				
Chloroethane	36	1.0	50.00	0	72.1	40	145				
Chloroform	46	1.0	50.00	0	92.4	41	135				
Chloromethane	34	1.0	50.00	0	68.9	32	149				
Dibromochloromethane	43	1.0	50.00	0	86.4	42	124				
Ethylbenzene	42	1.0	50.00	0	83.1	52	135				
Tetrachloroethene	37	1.0	50.00	0	74.1	26	126				
Toluene	43	1.0	50.00	0	85.3	51	130				
trans-1,2-Dichloroethene	43	1.0	50.00	0	85.1	49	125				
trans-1,3-Dichloropropene	42	1.0	50.00	0	84.3	43	125				
Trichloroethene	45	1.0	50.00	0	90.9	47	127				
Trichlorofluoromethane	43	1.0	50.00	0	85.6	50	152				
Vinyl chloride	45	1.0	50.00	0	89.0	50	149				
Surr: 4-Bromofluorobenzene	51		50.00		102	63	123				

Qualifiers: B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 LOQ Limit of Quantitation  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 J Analyte detected below quantitation limits  
 P >40% diff for detected conc between the two GC column  
 E Value above quantitation range  
 LOD Limit of Detection  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1108175  
**Project:** Rowe

**TestCode:** 8260MTBE113\_W

Sample ID: V624LCS-082511LW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L
Client ID: LCSW	Batch ID: R59537	Prep Date: 8/25/2011	RunNo: 59537
		Analysis Date: 8/25/2011	SeqNo: 836234
Analyte	Result	PQL	SPK value
		%REC	SPK Ref Val
		LowLimit	HighLimit
		RPD Ref Val	%RPD
		RPDLimit	Qual

Surr: Dibromofluoromethane	50	99.9	68	124
Surr: Toluene-d8	51	101	67	125

Sample ID: VBLK-082511LW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L
Client ID: PBW	Batch ID: R59537	Prep Date: 8/25/2011	RunNo: 59537
		Analysis Date: 8/25/2011	SeqNo: 836235
Analyte	Result	PQL	SPK value
		%REC	SPK Ref Val
		LowLimit	HighLimit
		RPD Ref Val	%RPD
		RPDLimit	Qual

1,1,1,2-Tetrachloroethane	U	1.0						
1,1,1-Trichloroethane	U	1.0						
1,1,2,2-Tetrachloroethane	U	1.0						
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0						
1,1,2-Trichloroethane	U	1.0						
1,1-Dichloroethane	U	1.0						
1,1-Dichloroethene	U	1.0						
1,1-Dichloropropene	U	1.0						
1,2,3-Trichlorobenzene	U	1.0						C
1,2,3-Trichloropropane	U	1.0						
1,2,4-Trichlorobenzene	U	1.0						
1,2,4-Trimethylbenzene	U	1.0						
1,2-Dibromo-3-chloropropane	U	2.0						C
1,2-Dibromoethane	U	1.0						
1,2-Dichlorobenzene	U	1.0						
1,2-Dichloroethane	U	1.0						
1,2-Dichloropropane	U	1.0						
1,3,5-Trimethylbenzene	U	1.0						
1,3-Dichlorobenzene	U	1.0						
1,3-dichloropropane	U	1.0						
1,4-Dichlorobenzene	U	1.0						
2,2-Dichloropropane	U	1.0						
2-Butanone	U	2.5						C
2-Chloroethyl vinyl ether	U	2.0						

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggett Brashears & Graham Inc.  
**Work Order:** 1108175  
**Project:** Rowe

**TestCode:** 8260MTBE113\_W

Sample ID:	VBLK-082511LW	SampType:	MBLK	TestCode:	8260MTBE11	Units:	µg/L	Prep Date:	8/25/2011	RunNo:	59537		
Client ID:	PBW	Batch ID:	R59537	TestNo:	SW8260C			Analysis Date:	8/25/2011	SeqNo:	836235		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chlorotoluene		U		1.0									
2-Hexanone		U		2.5									
4-Chlorotoluene		U		1.0									
4-Isopropyltoluene		U		1.0									
4-Methyl-2-pentanone		U		2.5									
Acetone		U		2.5									
Benzene		U		1.0									
Bromobenzene		U		1.0									
Bromochloromethane		U		1.0									
Bromodichloromethane		U		1.0									
Bromoform		U		1.0									
Bromomethane		U		1.0									
Carbon disulfide		U		1.0									
Carbon tetrachloride		U		1.0									
Chlorobenzene		U		1.0									
Chloroethane		U		1.0									
Chloroform		U		1.0									
Chloromethane		U		1.0									
cis-1,2-Dichloroethene		U		1.0									
cis-1,3-Dichloropropene		U		1.0									
Dibromochloromethane		U		1.0									
Dibromomethane		U		1.0									
Dichlorodifluoromethane		U		1.0									
Ethylbenzene		U		1.0									
Hexachlorobutadiene		U		1.0									
Isopropylbenzene		U		1.0									
m,p-Xylene		U		2.0									
Methyl tert-butyl ether		U		1.0									
Methylene chloride		U		1.0									
Naphthalene		U		1.0									
n-Butylbenzene		U		1.0									C

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected between the two GC column  
 PQL Practical Quantitation Limit

CLIENT: Leggett Brashears & Graham Inc.  
 Work Order: 1108175  
 Project: Rowe

# ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113\_W

Sample ID: VBLK-082511LW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/25/2011	RunNo: 59537
Client ID: PBW	Batch ID: R59537	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836235

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Propylbenzene	U	1.0									
o-Xylene	U	1.0									
sec-Butylbenzene	U	1.0									
Styrene	U	1.0									
tert-Butylbenzene	U	1.0									
Tetrachloroethene	U	1.0									
Toluene	U	1.0									
trans-1,2-Dichloroethene	U	1.0									
trans-1,3-Dichloropropene	U	1.0									
Trichloroethene	U	1.0									
Trichlorofluoromethane	U	1.0									
Vinyl acetate	U	1.0									
Vinyl chloride	U	1.0									
Surr: 4-Bromofluorobenzene	53		50.00		105	63		123			
Surr: Dibromofluoromethane	48		50.00		96.9	68		124			
Surr: Toluene-d8	49		50.00		98.0	67		125			

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggett Brashears & Graham Inc.  
**Work Order:** 1108175  
**Project:** Rowe

**TestCode: FE\_D**

Sample ID: PBW-082511AD	SampType: MBLK	TestCode: FE_D	Units: mg/L	Prep Date: 8/25/2011	RunNo: 59551						
Client ID: PBW	Batch ID: 33066	TestNo: E200.7	SW3005A	Analysis Date: 8/25/2011	SeqNo: 836469						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dissolved Iron	U	0.0200									

Sample ID: LCSW-082511AD	SampType: LCS	TestCode: FE_D	Units: mg/L	Prep Date: 8/25/2011	RunNo: 59551						
Client ID: LCSW	Batch ID: 33066	TestNo: E200.7	SW3005A	Analysis Date: 8/25/2011	SeqNo: 836470						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dissolved Iron		0.0200	2.000	0	101	80	120				

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggett Brashears & Graham Inc.  
**Work Order:** 1108175  
**Project:** Rowe

**TestCode: FE\_T**

Sample ID: PBW-082511A	SampType: MBLK	TestCode: FE_T	Units: mg/L	Prep Date: 8/25/2011	RunNo: 59551
Client ID: PBW	Batch ID: 33067	TestNo: E200.7	SW3010A	Analysis Date: 8/25/2011	SeqNo: 836509
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Total Iron	U	0.0200			

Sample ID: LCSW-082511A	SampType: LCS	TestCode: FE_T	Units: mg/L	Prep Date: 8/25/2011	RunNo: 59551
Client ID: LCSW	Batch ID: 33067	TestNo: E200.7	SW3010A	Analysis Date: 8/25/2011	SeqNo: 836510
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Total Iron	2.01	0.0200	2.000	0	101
				80	120

**Qualifiers:** B Analyte detected in the associated Method Blank      C Calibration %RSD/%D exceeded for non-CCC analytes      E Value above quantitation range  
 H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits      LOD Limit of Detection  
 LOQ Limit of Quantitation      P >40% diff for detected conc between the two GC column      PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1108175  
**Project:** Rowe

**TestCode:** TDS\_W

Sample ID: MB-R59588	SampType: MBLK	TestCode: TDS_W	Units: mg/L	Prep Date:	RunNo: 59588
Client ID: PBW	Batch ID: R59588	TestNo: M2540C		Analysis Date: 8/25/2011	SeqNo: 836976
Analyte	Result	PQL	SPK value	SPK Ref Val	%RSD
				LowLimit	HighLimit
				RPD Ref Val	RPDLimit
					Qual

Total Dissolved Solids (Residue, Filtera) U 1.00

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

CLIENT: Leggett Brashears & Graham Inc.  
 Work Order: 1108175  
 Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113\_W

Sample ID: 1108175-03AMS    SampType: MS    TestCode: 8260MTBE11    Units: µg/L    Prep Date:    RunNo: 59537  
 Client ID: WQ82311:1240NP2-    Batch ID: R59537    TestNo: SW8260C    Analysis Date: 8/25/2011    SeqNo: 836239

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	44	1.0	50.00	0	88.5	32	122				
1,1,2,2-Tetrachloroethane	40	1.0	50.00	0	80.7	30	130				
1,1,2-Trichloroethane	38	1.0	50.00	0	76.0	42	136				
1,1-Dichloroethane	43	1.0	50.00	0	85.6	26	121				
1,1-Dichloroethene	43	1.0	50.00	0	85.9	29	118				
1,2-Dichlorobenzene	36	1.0	50.00	0	72.5	33	109				
1,2-Dichloroethane	40	1.0	50.00	0	79.0	26	120				
1,2-Dichloropropane	42	1.0	50.00	0	84.1	29	119				
1,3-Dichlorobenzene	39	1.0	50.00	0	78.3	35	111				
1,4-Dichlorobenzene	37	1.0	50.00	0	73.2	35	110				
2-Chloroethyl vinyl ether	29	2.0	50.00	0	57.3	30	120				
Benzene	40	1.0	50.00	0	80.5	27	116				
Bromodichloromethane	40	1.0	50.00	0	80.4	32	110				
Bromoform	40	1.0	50.00	0	80.0	27	119				
Bromomethane	28	1.0	50.00	0	56.0	30	120				
Carbon tetrachloride	43	1.0	50.00	0	86.9	27	123				
Chlorobenzene	39	1.0	50.00	0	78.3	33	120				
Chloroethane	35	1.0	50.00	0	70.8	24	138				
Chloroform	43	1.0	50.00	0	86.5	29	128				
Chloromethane	31	1.0	50.00	0	62.6	20	118				
Dibromochloromethane	39	1.0	50.00	0	77.9	32	118				
Ethylbenzene	40	1.0	50.00	0	80.5	37	111				
Tetrachloroethene	34	1.0	50.00	0	68.2	20	125				
Toluene	41	1.0	50.00	0	81.8	30	120				
trans-1,2-Dichloroethene	41	1.0	50.00	0	81.8	27	115				
trans-1,3-Dichloropropene	40	1.0	50.00	0	80.4	20	123				
Trichloroethene	43	1.0	50.00	0	86.2	24	122				
Trichlorofluoromethane	40	1.0	50.00	0	80.1	30	129				
Vinyl chloride	41	1.0	50.00	0	81.3	20	141				
Surr: 4-Bromofluorobenzene	51		50.00		102	63	123				

Qualifiers: B Analyte detected in the associated Method Blank    C Calibration %RSD/%D exceeded for non-CCC analytes    E Value above quantitation range  
 H Holding times for preparation or analysis exceeded    J Analyte detected below quantitation limits    LOD Limit of Detection  
 LOQ Limit of Quantitation    P >40% diff for detected cone between the two GC column    PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

CLIENT: Leggette Brashears & Graham Inc.  
 Work Order: 1108175  
 Project: Rowe

TestCode: 8260MTBE113\_W

Sample ID: 1108175-03AMS	SampType: MS	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59537						
Client ID: WQ82311:1240NP2-	Batch ID: R59537	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836239						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	47		50.00		93.7	68	124				
Surr: Toluene-d8	50		50.00		100	67	125				

Sample ID: 1108175-03AMS	SampType: MSD	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59537						
Client ID: WQ82311:1240NP2-	Batch ID: R59537	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836240						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	41	1.0	50.00	0	82.5	32	122	44.26	7.06	20	
1,1,2,2-Tetrachloroethane	35	1.0	50.00	0	70.6	30	130	40.37	13.5	20	
1,1,2-Trichloroethane	35	1.0	50.00	0	69.8	42	136	37.99	8.54	20	
1,1-Dichloroethane	39	1.0	50.00	0	77.9	26	121	42.78	9.40	20	
1,1-Dichloroethene	40	1.0	50.00	0	79.7	29	118	42.93	7.49	20	
1,2-Dichlorobenzene	33	1.0	50.00	0	65.9	33	109	36.23	9.54	20	
1,2-Dichloroethane	35	1.0	50.00	0	71.0	26	120	39.50	10.7	20	
1,2-Dichloropropane	37	1.0	50.00	0	74.4	29	119	42.04	12.2	20	
1,3-Dichlorobenzene	36	1.0	50.00	0	71.2	35	111	39.15	9.53	20	
1,4-Dichlorobenzene	33	1.0	50.00	0	66.3	35	110	36.62	9.98	20	
2-Chloroethyl vinyl ether	35	2.0	50.00	0	69.5	30	120	28.64	19.2	20	
Benzene	37	1.0	50.00	0	74.4	27	116	40.25	7.82	20	
Bromodichloromethane	36	1.0	50.00	0	72.2	32	110	40.18	10.7	20	
Bromoform	37	1.0	50.00	0	74.3	27	119	40.01	7.39	20	
Bromomethane	26	1.0	50.00	0	51.2	30	120	28.00	8.88	20	
Carbon tetrachloride	41	1.0	50.00	0	82.6	27	123	43.46	5.05	20	
Chlorobenzene	36	1.0	50.00	0	71.1	33	120	39.16	9.72	20	
Chloroethane	33	1.0	50.00	0	65.2	24	138	35.39	8.24	20	
Chloroform	40	1.0	50.00	0	79.8	29	128	43.25	8.11	20	
Chloromethane	29	1.0	50.00	0	57.4	20	118	31.31	8.73	20	
Dibromochloromethane	35	1.0	50.00	0	69.6	32	118	38.97	11.3	20	
Ethylbenzene	36	1.0	50.00	0	72.8	37	111	40.26	10.1	20	
Tetrachloroethene	32	1.0	50.00	0	63.4	20	125	34.10	7.36	20	
Toluene	36	1.0	50.00	0	72.2	30	120	40.88	12.4	20	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	41	1.0	50.00	0	82.5	32	122	44.26	7.06	20	
1,1,2,2-Tetrachloroethane	35	1.0	50.00	0	70.6	30	130	40.37	13.5	20	
1,1,2-Trichloroethane	35	1.0	50.00	0	69.8	42	136	37.99	8.54	20	
1,1-Dichloroethane	39	1.0	50.00	0	77.9	26	121	42.78	9.40	20	
1,1-Dichloroethene	40	1.0	50.00	0	79.7	29	118	42.93	7.49	20	
1,2-Dichlorobenzene	33	1.0	50.00	0	65.9	33	109	36.23	9.54	20	
1,2-Dichloroethane	35	1.0	50.00	0	71.0	26	120	39.50	10.7	20	
1,2-Dichloropropane	37	1.0	50.00	0	74.4	29	119	42.04	12.2	20	
1,3-Dichlorobenzene	36	1.0	50.00	0	71.2	35	111	39.15	9.53	20	
1,4-Dichlorobenzene	33	1.0	50.00	0	66.3	35	110	36.62	9.98	20	
2-Chloroethyl vinyl ether	35	2.0	50.00	0	69.5	30	120	28.64	19.2	20	
Benzene	37	1.0	50.00	0	74.4	27	116	40.25	7.82	20	
Bromodichloromethane	36	1.0	50.00	0	72.2	32	110	40.18	10.7	20	
Bromoform	37	1.0	50.00	0	74.3	27	119	40.01	7.39	20	
Bromomethane	26	1.0	50.00	0	51.2	30	120	28.00	8.88	20	
Carbon tetrachloride	41	1.0	50.00	0	82.6	27	123	43.46	5.05	20	
Chlorobenzene	36	1.0	50.00	0	71.1	33	120	39.16	9.72	20	
Chloroethane	33	1.0	50.00	0	65.2	24	138	35.39	8.24	20	
Chloroform	40	1.0	50.00	0	79.8	29	128	43.25	8.11	20	
Chloromethane	29	1.0	50.00	0	57.4	20	118	31.31	8.73	20	
Dibromochloromethane	35	1.0	50.00	0	69.6	32	118	38.97	11.3	20	
Ethylbenzene	36	1.0	50.00	0	72.8	37	111	40.26	10.1	20	
Tetrachloroethene	32	1.0	50.00	0	63.4	20	125	34.10	7.36	20	
Toluene	36	1.0	50.00	0	72.2	30	120	40.88	12.4	20	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 LOQ Limit of Quantitation  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 J Analyte detected below quantitation limits  
 P >40% diff for detected conc between the two GC column  
 E Value above quantitation range  
 LOD Limit of Detection  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1108175  
**Project:** Rowe

**TestCode:** 8260MTBE113\_W

Sample ID:	1108175-03AMSD	SampType:	MSD	TestCode:	8260MTBE11	Units:	µg/L	Prep Date:	RunNo:	59537	
Client ID:	WQ82311:1240NP2-	Batch ID:	R59537	TestNo:	SW8260C						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	38	1.0	50.00	0	76.7	27	115	40.91	6.46	20	
trans-1,3-Dichloropropene	36	1.0	50.00	0	71.4	20	123	40.18	11.8	20	
Trichloroethene	39	1.0	50.00	0	77.3	24	122	43.08	10.8	20	
Trichlorofluoromethane	37	1.0	50.00	0	74.5	30	129	40.05	7.30	20	
Vinyl chloride	38	1.0	50.00	0	76.0	20	141	40.64	6.74	20	
Surr: 4-Bromofluorobenzene	51		50.00		103	63	123		0	0	
Surr: Dibromofluoromethane	49		50.00		98.1	68	124		0	0	
Surr: Toluene-d8	51		50.00		102	67	125		0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggett Brashears & Graham Inc.  
**Work Order:** 1108175  
**Project:** Rowe

**TestCode: FE\_T**

Sample ID: 1108176-08B-MS	SampType: MS	TestCode: FE_T	Units: mg/L	Prep Date: 8/25/2011	RunNo: 59551						
Client ID: ZZZZZZ	Batch ID: 33066	TestNo: E200.7	SW3005A	Analysis Date: 8/25/2011	SeqNo: 836546						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Iron	6.10	0.0200	1.000	5.340	76.4	75	125				

Sample ID: 1108176-08BSD	SampType: MSD	TestCode: FE_T	Units: mg/L	Prep Date: 8/25/2011	RunNo: 59551						
Client ID: ZZZZZZ	Batch ID: 33066	TestNo: E200.7	SW3005A	Analysis Date: 8/25/2011	SeqNo: 836546						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Iron	6.09	0.0200	1.000	5.340	74.7	75	125	6.104	0.279	20	S

**Qualifiers:** B Analyte detected in the associated Method Blank    C Calibration %RSD/%D exceeded for non-CCC analytes    E Value above quantitation range  
 H Holding times for preparation or analysis exceeded    J Analyte detected below quantitation limits    LOD Limit of Detection  
 LOQ Limit of Quantitation    P >40% diff for detected conc between the two GC column    PQL Practical Quantitation Limit

Tuesday, September 06, 2011

Mark Goldberg  
Leggette Brashears & Graham Inc.  
4 Research Drive  
Suite 301  
Shelton, CT 06484

TEL: (203) 929-8555

FAX (203) 926-9140

RE: Rowe

Order No.: 1109002

Dear Mark Goldberg:

American Analytical Laboratories, LLC. received 3 sample(s) on 9/1/2011 for the analyses presented in the following report.

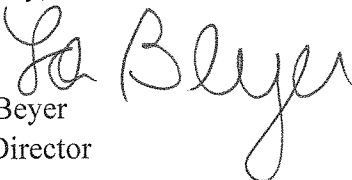
Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report or the data is qualified. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. This report consists of 30 pages.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at [lbeyer@american-analytical.com](mailto:lbeyer@american-analytical.com).

Sincerely,

  
Lori Beyer  
Lab Director

---

**CLIENT:** Leggette Brashears & Graham Inc.  
**Project:** Rowe  
**Lab Order:** 1109002

**Work Order Sample Summary**

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Lab Sample ID	Client Sample ID	Date Collected	Date Received
1109002-01A	WQ83011:1130NP2-6	8/30/2011 11:30:00 AM	9/1/2011
1109002-01B	WQ83011:1130NP2-6	8/30/2011 11:30:00 AM	9/1/2011
1109002-01C	WQ83011:1130NP2-6	8/30/2011 11:30:00 AM	9/1/2011
1109002-02A	WQ83011:1135NP2-7	8/30/2011 11:35:00 AM	9/1/2011
1109002-02B	WQ83011:1135NP2-7	8/30/2011 11:35:00 AM	9/1/2011
1109002-02C	WQ83011:1135NP2-7	8/30/2011 11:35:00 AM	9/1/2011
1109002-03A	WQ83011:1140NP2-10	8/30/2011 11:40:00 AM	9/1/2011
1109002-03B	WQ83011:1140NP2-10	8/30/2011 11:40:00 AM	9/1/2011
1109002-03C	WQ83011:1140NP2-10	8/30/2011 11:40:00 AM	9/1/2011
1109002-03D	WQ83011:1140NP2-10	8/30/2011 11:40:00 AM	9/1/2011



American Analytical Laboratories, LLC.

Sample Receipt Checklist

Client Name LBG CT

Date and Time Receive 9/1/2011 12:06:25 PM

Work Order Number 1109002

RcptNo: 1

Received by: KK

COC\_ID:

CoolerID:

Checklist completed by

Signature: Ram Kelly Date: 9/1/11

Reviewed by

Initials: Yon B Date: 9/1/11

Matrix:

Carrier name: FedEx

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container/Temp Blank temperature in compliance? Yes  No
- Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No
- Water - pH acceptable upon receipt? Yes  No  N/A

Adjusted? \_\_\_\_\_ Checked by \_\_\_\_\_

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments:

Corrective Action \_\_\_\_\_

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1109002  
 Project: Rowe  
 Lab ID: 1109002-01A

Client Sample ID: WQ83011:1130NP2-6  
 Collection Date: 8/30/2011 11:30:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	9/1/2011 9:51:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	9/1/2011 9:51:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	9/1/2011 9:51:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	9/1/2011 9:51:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	9/1/2011 9:51:00 PM
Acetone	U	1.2	2.5		µg/L	1	9/1/2011 9:51:00 PM
Benzene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM

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Qualifiers:	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 06-Sep-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1109002  
 Project: Rowe  
 Lab ID: 1109002-01A

Client Sample ID: WQ83011:1130NP2-6  
 Collection Date: 8/30/2011 11:30:00 AM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>			<b>Analyst: LA</b>	
Bromodichloromethane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Bromoform	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Chloroform	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	9/1/2011 9:51:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Styrene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Toluene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM

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<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	C Calibration %RSD/%D exceeded for non-CCC analytes
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	LOD Limit of Detection
	LOQ Limit of Quantitation	P >40% diff for detected conc between the two GC columns
	PQL Practical Quantitation Limit	S Spike Recovery outside accepted recovery limits
	U Indicates the compound was analyzed but not detected.	

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ83011:1130NP2-6
<b>Lab Order:</b>	1109002	<b>Collection Date:</b>	8/30/2011 11:30:00 AM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1109002-01A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>				<b>Analyst: LA</b>
Vinyl acetate	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	9/1/2011 9:51:00 PM
Surr: 4-Bromofluorobenzene	99.9	0	63-123		%REC	1	9/1/2011 9:51:00 PM
Surr: Dibromofluoromethane	104	0	68-124		%REC	1	9/1/2011 9:51:00 PM
Surr: Toluene-d8	98.0	0	67-125		%REC	1	9/1/2011 9:51:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 06-Sep-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
Lab Order: 1109002  
Project: Rowe  
Lab ID: 1109002-01B

Client Sample ID: WQ83011:1130NP2-6  
Collection Date: 8/30/2011 11:30:00 AM  
Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>				<b>E200.7</b>	<b>SW3010A</b>		Analyst: JP
Total Iron	2.77	0.005	0.0200		mg/L	1	9/2/2011 1:15:33 PM

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- Qualifiers:**
- B Analyte detected in the associated Method Blank
  - C Calibration %RSD/%D exceeded for non-CCC analytes
  - E Value above quantitation range
  - H Holding times for preparation or analysis exceeded
  - J Analyte detected below quantitation limits
  - LOD Limit of Detection
  - LOQ Limit of Quantitation
  - P >40% diff for detected conc between the two GC columns
  - PQL Practical Quantitation Limit
  - S Spike Recovery outside accepted recovery limits
  - U Indicates the compound was analyzed but not detected.

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ83011:1130NP2-6
<b>Lab Order:</b>	1109002	<b>Collection Date:</b>	8/30/2011 11:30:00 AM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1109002-01C		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS, DISSOLVED</b>				<b>E200.7</b>	<b>SW3005A</b>		Analyst: JP
Dissolved Iron	0.0450	0.005	0.0200		mg/L	1	9/2/2011 1:13:29 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735  
 Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com



<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 06-Sep-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1109002  
 Project: Rowe  
 Lab ID: 1109002-02A

Client Sample ID: WQ83011:1135NP2-7  
 Collection Date: 8/30/2011 11:35:00 AM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	9/1/2011 10:14:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
2,2-Dichloropropane	U	0.5	1.0	C	µg/L	1	9/1/2011 10:14:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	9/1/2011 10:14:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	9/1/2011 10:14:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	9/1/2011 10:14:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	9/1/2011 10:14:00 PM
Acetone	U	1.2	2.5		µg/L	1	9/1/2011 10:14:00 PM
Benzene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM

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<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	C Calibration %RSD/%D exceeded for non-CCC analytes
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	LOD Limit of Detection
	LOQ Limit of Quantitation	P >40% diff for detected conc between the two GC columns
	PQL Practical Quantitation Limit	S Spike Recovery outside accepted recovery limits
	U Indicates the compound was analyzed but not detected.	

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1109002  
 Project: Rowe  
 Lab ID: 1109002-02A

Client Sample ID: WQ83011:1135NP2-7  
 Collection Date: 8/30/2011 11:35:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Bromodichloromethane	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Bromoform	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Chloroform	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Dichlorodifluoromethane	U	0.5	1.0	C	µg/L	1	9/1/2011 10:14:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	9/1/2011 10:14:00 PM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	9/1/2011 10:14:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Styrene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Toluene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Trichlorofluoromethane	U	0.5	1.0	C	µg/L	1	9/1/2011 10:14:00 PM

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<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	C Calibration %RSD/%D exceeded for non-CCC analytes
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	LOD Limit of Detection
	LOQ Limit of Quantitation	P >40% diff for detected conc between the two GC columns
	PQL Practical Quantitation Limit	S Spike Recovery outside accepted recovery limits
	U Indicates the compound was analyzed but not detected.	

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1109002  
 Project: Rowe  
 Lab ID: 1109002-02A

Client Sample ID: WQ83011:1135NP2-7  
 Collection Date: 8/30/2011 11:35:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Vinyl acetate	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	9/1/2011 10:14:00 PM
Surr: 4-Bromofluorobenzene	99.8	0	63-123		%REC	1	9/1/2011 10:14:00 PM
Surr: Dibromofluoromethane	102	0	68-124		%REC	1	9/1/2011 10:14:00 PM
Surr: Toluene-d8	99.3	0	67-125		%REC	1	9/1/2011 10:14:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ83011:1135NP2-7
<b>Lab Order:</b>	1109002	<b>Collection Date:</b>	8/30/2011 11:35:00 AM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1109002-02B		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>				<b>E200.7</b>	<b>SW3010A</b>		Analyst: JP
Total Iron	2.41	0.005	0.0200		mg/L	1	9/2/2011 1:42:39 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 06-Sep-11

ELAP ID : 11418

CLIENT: Legette Brashears & Graham Inc.  
 Lab Order: 1109002  
 Project: Rowe  
 Lab ID: 1109002-02C

Client Sample ID: WQ83011:1135NP2-7  
 Collection Date: 8/30/2011 11:35:00 AM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS, DISSOLVED</b>				<b>E200.7</b>	<b>SW3005A</b>		Analyst: JP
Dissolved Iron	0.117	0.005	0.0200		mg/L	1	9/2/2011 1:40:36 PM

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<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	C Calibration %RSD/%D exceeded for non-CCC analytes
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	LOD Limit of Detection
	LOQ Limit of Quantitation	P >40% diff for detected conc between the two GC columns
	PQL Practical Quantitation Limit	S Spike Recovery outside accepted recovery limits
	U Indicates the compound was analyzed but not detected.	

**American Analytical Laboratories, LLC.**

Date: 06-Sep-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1109002  
 Project: Rowe  
 Lab ID: 1109002-03A

Client Sample ID: WQ83011:1140NP2-10  
 Collection Date: 8/30/2011 11:40:00 AM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>				<b>Analyst: LA</b>
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	9/1/2011 10:38:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
2,2-Dichloropropane	U	0.5	1.0	C	µg/L	1	9/1/2011 10:38:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	9/1/2011 10:38:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	9/1/2011 10:38:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	9/1/2011 10:38:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	9/1/2011 10:38:00 PM
Acetone	U	1.2	2.5		µg/L	1	9/1/2011 10:38:00 PM
Benzene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM

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<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	C Calibration %RSD/%D exceeded for non-CCC analytes
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	LOD Limit of Detection
	LOQ Limit of Quantitation	P >40% diff for detected conc between the two GC columns
	PQL Practical Quantitation Limit	S Spike Recovery outside accepted recovery limits
	U Indicates the compound was analyzed but not detected.	

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1109002  
 Project: Rowe  
 Lab ID: 1109002-03A

Client Sample ID: WQ83011:1140NP2-10  
 Collection Date: 8/30/2011 11:40:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Bromodichloromethane	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Bromoform	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Chloroform	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Dichlorodifluoromethane	U	0.5	1.0	C	µg/L	1	9/1/2011 10:38:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	9/1/2011 10:38:00 PM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	9/1/2011 10:38:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Styrene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Toluene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Trichlorofluoromethane	U	0.5	1.0	C	µg/L	1	9/1/2011 10:38:00 PM

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<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	C Calibration %RSD/%D exceeded for non-CCC analytes
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**American Analytical Laboratories, LLC.**

Date: 06-Sep-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1109002  
 Project: Rowe  
 Lab ID: 1109002-03A

Client Sample ID: WQ83011:1140NP2-10  
 Collection Date: 8/30/2011 11:40:00 AM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>			Analyst: LA	
Vinyl acetate	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	9/1/2011 10:38:00 PM
Surr: 4-Bromofluorobenzene	102	0	63-123		%REC	1	9/1/2011 10:38:00 PM
Surr: Dibromofluoromethane	103	0	68-124		%REC	1	9/1/2011 10:38:00 PM
Surr: Toluene-d8	97.3	0	67-125		%REC	1	9/1/2011 10:38:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ83011:1140NP2-10
<b>Lab Order:</b>	1109002	<b>Collection Date:</b>	8/30/2011 11:40:00 AM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1109002-03B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>				<b>E200.7</b>	<b>SW3010A</b>		<b>Analyst: JP</b>
Total Iron	3.66	0.005	0.0200		mg/L	1	9/2/2011 1:46:47 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735  
 Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com



- |                    |     |   |     |  |
|--------------------|-----|---|-----|--|
| <b>Qualifiers:</b> | B   | Analyte detected in the associated Method Blank       | C   | Calibration %RSD/%D exceeded for non-CCC analytes      |
|                    | E   | Value above quantitation range                        | H   | Holding times for preparation or analysis exceeded     |
|                    | J   | Analyte detected below quantitation limits            | LOD | Limit of Detection                                     |
|                    | LOQ | Limit of Quantitation                                 | P   | >40% diff for detected conc between the two GC columns |
|                    | PQL | Practical Quantitation Limit                          | S   | Spike Recovery outside accepted recovery limits        |
|                    | U   | Indicates the compound was analyzed but not detected. |     |  |

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1109002  
 Project: Rowe  
 Lab ID: 1109002-03C

Client Sample ID: WQ83011:1140NP2-10  
 Collection Date: 8/30/2011 11:40:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED			E200.7		SW3005A		Analyst: JP
Dissolved Iron	0.113	0.005	0.0200		mg/L	1	9/2/2011 1:44:43 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ83011:1140NP2-10
<b>Lab Order:</b>	1109002	<b>Collection Date:</b>	8/30/2011 11:40:00 AM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1109002-03D		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>				<b>M2540C</b>			<b>Analyst: AB</b>
Total Dissolved Solids (Residue, Filterable)	95.0	0	1.00		mg/L	1	9/2/2011

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735  
 Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com



<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

CLIENT: Leggette Brashears & Graham Inc.  
 Work Order: 1109002  
 Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113\_W

Sample ID: V624LCS-090111aL	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 9/1/2011	RunNo: 59640						
Client ID: LCSW	Batch ID: R59640	TestNo: SW8260C		Analysis Date: 9/1/2011	SeqNo: 837757						
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	54	1.0	50.00	0	108	38	136				
1,1,2,2-Tetrachloroethane	53	1.0	50.00	0	105	50	124				
1,1,2-Trichloroethane	48	1.0	50.00	0	95.5	52	128				
1,1-Dichloroethane	52	1.0	50.00	0	103	55	123				
1,1-Dichloroethene	50	1.0	50.00	0	99.1	48	128				
1,2-Dichlorobenzene	46	1.0	50.00	0	91.7	59	123				
1,2-Dichloroethane	50	1.0	50.00	0	99.7	52	129				
1,2-Dichloropropane	49	1.0	50.00	0	97.4	58	124				
1,3-Dichlorobenzene	47	1.0	50.00	0	94.6	51	124				
1,4-Dichlorobenzene	45	1.0	50.00	0	90.6	54	128				
Benzene	49	1.0	50.00	0	98.8	53	131				
Bromodichloromethane	49	1.0	50.00	0	99.0	54	126				
Bromoform	49	1.0	50.00	0	98.4	53	127				
Bromomethane	27	1.0	50.00	0	54.2	42	150				
Carbon tetrachloride	54	1.0	50.00	0	108	46	135				
Chlorobenzene	44	1.0	50.00	0	88.8	53	121				
Chloroethane	36	1.0	50.00	0	71.2	40	145				
Chloroform	55	1.0	50.00	0	109	41	135				
Chloromethane	33	1.0	50.00	0	65.3	32	149				
Dibromochloromethane	48	1.0	50.00	0	96.7	42	124				
Ethylbenzene	45	1.0	50.00	0	89.4	52	135				
Tetrachloroethene	38	1.0	50.00	0	76.2	26	126				
Toluene	46	1.0	50.00	0	91.9	51	130				
trans-1,2-Dichloroethene	49	1.0	50.00	0	98.0	49	125				
trans-1,3-Dichloropropene	49	1.0	50.00	0	98.6	43	125				
Trichloroethene	48	1.0	50.00	0	96.5	47	127				
Trichlorofluoromethane	44	1.0	50.00	0	87.5	50	152				C
Vinyl chloride	40	1.0	50.00	0	80.0	50	149				
Surr: 4-Bromofluorobenzene	50		50.00		99.2	63	123				
Surr: Dibromofluoromethane	48		50.00		96.5	68	124				

Qualifiers: B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1109002  
**Project:** Rowe

**TestCode:** 8260MTBE113\_W

Sample ID: V624LCS-090111aL	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 9/1/2011	RunNo: 59640						
Client ID: LCSW	Batch ID: R59640	TestNo: SW8260C		Analysis Date: 9/1/2011	SeqNo: 837757						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	50		50.00		100	67	125				

Sample ID: VBLK-090111aLW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 9/1/2011	RunNo: 59640						
Client ID: PBW	Batch ID: R59640	TestNo: SW8260C		Analysis Date: 9/1/2011	SeqNo: 837758						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1,2-Tetrachloroethane	U	1.0									
1,1,1-Trichloroethane	U	1.0									
1,1,2,2-Tetrachloroethane	U	1.0									
1,1,2-Trichloro-1,2-trifluoroethane	U	1.0									
1,1,2-Trichloroethane	U	1.0									
1,1-Dichloroethane	U	1.0									
1,1-Dichloroethene	U	1.0									
1,1-Dichloropropene	U	1.0									
1,2,3-Trichlorobenzene	U	1.0									
1,2,3-Trichloropropane	U	1.0									
1,2,4-Trichlorobenzene	U	1.0									
1,2,4-Trimethylbenzene	U	1.0									
1,2-Dibromo-3-chloropropane	U	2.0									
1,2-Dibromoethane	U	1.0									
1,2-Dichlorobenzene	U	1.0									
1,2-Dichloroethane	U	1.0									
1,2-Dichloropropane	U	1.0									
1,3,5-Trimethylbenzene	U	1.0									
1,3-Dichlorobenzene	U	1.0									
1,3-dichloropropane	U	1.0									
1,4-Dichlorobenzene	U	1.0									
2,2-Dichloropropane	U	1.0									
2-Butanone	U	2.5									
2-Chloroethyl vinyl ether	U	2.0									
2-Chlorotoluene	U	1.0									

C

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1109002  
**Project:** Rowe

**TestCode:** 8260MTBE113\_W

Sample ID: VBLK-090111aLW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 9/1/2011	RunNo: 59640						
Client ID: PBW	Batch ID: R59640	TestNo: SW8260C		Analysis Date: 9/1/2011	SeqNo: 837758						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual

2-Hexanone	U	2.5									
4-Chlorotoluene	U	1.0									
4-Isopropyltoluene	U	1.0									
4-Methyl-2-pentanone	U	2.5									
Acetone	U	2.5									
Benzene	U	1.0									
Bromobenzene	U	1.0									
Bromochloromethane	U	1.0									
Bromodichloromethane	U	1.0									
Bromoform	U	1.0									
Bromomethane	U	1.0									
Carbon disulfide	U	1.0									
Carbon tetrachloride	U	1.0									
Chlorobenzene	U	1.0									
Chloroethane	U	1.0									
Chloroform	U	1.0									
Chloromethane	U	1.0									
cis-1,2-Dichloroethene	U	1.0									
cis-1,3-Dichloropropene	U	1.0									
Dibromochloromethane	U	1.0									
Dibromomethane	U	1.0									
Dichlorodifluoromethane	U	1.0									C
Ethylbenzene	U	1.0									
Hexachlorobutadiene	U	1.0									
Isopropylbenzene	U	1.0									
m,p-Xylene	U	2.0									
Methyl tert-butyl ether	U	1.0									C
Methylene chloride	U	1.0									
Naphthalene	U	1.0									
n-Butylbenzene	U	1.0									
n-Propylbenzene	U	1.0									

**Qualifiers:** B Analyte detected in the associated Method Blank    C Calibration %RSD/%D exceeded for non-CCC analytes    E Value above quantitation range  
 H Holding times for preparation or analysis exceeded    J Analyte detected below quantitation limits    LOD Limit of Detection  
 LOQ Limit of Quantitation    P >40% diff for detected conc between the two GC column    PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1109002  
**Project:** Rowe

**TestCode:** 8260MTBE113\_W

Sample ID: VBLK-090111aLW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 9/1/2011	RunNo: 59640						
Client ID: PBW	Batch ID: R59640	TestNo: SW8260C		Analysis Date: 9/1/2011	SeqNo: 837758						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

o-Xylene	U	1.0									
sec-Butylbenzene	U	1.0									
Styrene	U	1.0									
tert-Butylbenzene	U	1.0									
Tetrachloroethene	U	1.0									
Toluene	U	1.0									
trans-1,2-Dichloroethene	U	1.0									
trans-1,3-Dichloropropene	U	1.0									
Trichloroethene	U	1.0									
Trichlorofluoromethane	U	1.0									C
Vinyl acetate	U	1.0									
Vinyl chloride	U	1.0									
Surr: 4-Bromofluorobenzene	51		50.00		101	63	123				
Surr: Dibromofluoromethane	52		50.00		105	68	124				
Surr: Toluene-d8	49		50.00		97.0	67	125				

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Legette Brashears & Graham Inc.  
**Work Order:** 1109002  
**Project:** Rowe

**TestCode: FE\_D**

Sample ID: PBW-090111AD	SampType: MBLK	TestCode: FE_D	Units: mg/L	Prep Date: 9/1/2011	RunNo: 59641
Client ID: PBW	Batch ID: 33142	TestNo: E200.7	SW3005A	Analysis Date: 9/1/2011	SeqNo: 837811
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
	U	0.0200			
				LowLimit	HighLimit
				RPD Ref Val	%RPD
					RPDLimit
					Qual

Sample ID: LCSW-090111AD	SampType: LCS	TestCode: FE_D	Units: mg/L	Prep Date: 9/1/2011	RunNo: 59641
Client ID: LCSW	Batch ID: 33142	TestNo: E200.7	SW3005A	Analysis Date: 9/1/2011	SeqNo: 837812
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
	2.03	0.0200	2.000	0	102
				80	120

Dissolved Iron

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggett Brashears & Graham Inc.  
**Work Order:** 1109002  
**Project:** Rowe

**TestCode:** FE\_T

Sample ID: PBW-090111A	SampType: MBLK	TestCode: FE_T	Units: mg/L	Prep Date: 9/1/2011	RunNo: 59641						
Client ID: PBW	Batch ID: 33135	TestNo: E200.7	SW3010A	Analysis Date: 9/1/2011	SeqNo: 837809						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Iron	U	0.0200									

Sample ID: LCSW-090111A	SampType: LCS	TestCode: FE_T	Units: mg/L	Prep Date: 9/1/2011	RunNo: 59641						
Client ID: LCSW	Batch ID: 33135	TestNo: E200.7	SW3010A	Analysis Date: 9/1/2011	SeqNo: 837810						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Iron		0.0200	2.000	0	101	80	120				

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

**CLIENT:** Legette Brashears & Graham Inc.  
**Work Order:** 1109002  
**Project:** Rowe

# ANALYTICAL QC SUMMARY REPORT

**TestCode: TDS\_W**

Sample ID: <b>BL</b>	SampType: <b>MBLK</b>	TestCode: <b>TDS_W</b>	Units: <b>mg/L</b>	Prep Date:	RunNo: <b>59657</b>						
Client ID: <b>PBW</b>	Batch ID: <b>R59657</b>	TestNo: <b>M2540C</b>		Analysis Date: <b>9/2/2011</b>	SeqNo: <b>837977</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Total Dissolved Solids (Residue, Filtera)      U      1.00

**Qualifiers:**

B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC column	PQL	Practical Quantitation Limit

CLIENT: Leggett Brashears & Graham Inc.  
 Work Order: 1109002  
 Project: Rowe

**ANALYTICAL QC SUMMARY REPORT**

TestCode: 8260MTBE113\_W

Sample ID: 1109002-03AMS	SampType: MS	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59640						
Client ID: WQ83011:1140NP2-	Batch ID: R59640	TestNo: SW8260C		Analysis Date: 9/1/2011	SeqNo: 837762						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	49	1.0	50.00	0	98.7	32	122				
1,1,2,2-Tetrachloroethane	45	1.0	50.00	0	90.8	30	130				
1,1,2-Trichloroethane	42	1.0	50.00	0	83.9	42	136				
1,1-Dichloroethane	47	1.0	50.00	0	93.5	26	121				
1,1-Dichloroethene	46	1.0	50.00	0	91.8	29	118				
1,2-Dichlorobenzene	39	1.0	50.00	0	78.0	33	109				
1,2-Dichloroethane	44	1.0	50.00	0	88.3	26	120				
1,2-Dichloropropane	44	1.0	50.00	0	87.6	29	119				
1,3-Dichlorobenzene	42	1.0	50.00	0	83.5	35	111				
1,4-Dichlorobenzene	39	1.0	50.00	0	78.6	35	110				
Benzene	45	1.0	50.00	0	89.5	27	116				
Bromodichloromethane	43	1.0	50.00	0	85.7	32	110				
Bromoform	41	1.0	50.00	0	81.6	27	119				
Bromomethane	26	1.0	50.00	0	52.9	30	120				
Carbon tetrachloride	50	1.0	50.00	0	99.7	27	123				
Chlorobenzene	39	1.0	50.00	0	78.6	33	120				
Chloroethane	33	1.0	50.00	0	65.9	24	138				
Chloroform	49	1.0	50.00	0	98.8	29	128				
Chloromethane	29	1.0	50.00	0	58.4	20	118				
Dibromochloromethane	42	1.0	50.00	0	83.4	32	118				
Ethylbenzene	40	1.0	50.00	0	80.6	37	111				
Tetrachloroethene	34	1.0	50.00	0	68.5	20	125				
Toluene	42	1.0	50.00	0	83.6	30	120				
trans-1,2-Dichloroethene	42	1.0	50.00	0	83.1	27	115				
trans-1,3-Dichloropropene	42	1.0	50.00	0	84.4	20	123				
Trichloroethene	44	1.0	50.00	0	88.7	24	122				
Trichlorofluoromethane	40	1.0	50.00	0	80.6	30	129				C
Vinyl chloride	37	1.0	50.00	0	74.4	20	141				
Surr: 4-Bromofluorobenzene	51		50.00		102	63	123				
Surr: Dibromofluoromethane	50		50.00		101	68	124				

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 LOQ Limit of Quantitation  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 J Analyte detected below quantitation limits  
 P >40% diff for detected conc between the two GC column  
 E Value above quantitation range  
 LOD Limit of Detection  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1109002  
**Project:** Rowe

**TestCode:** 8260MTBE113\_W

Sample ID: 1109002-03AMS	SampType: MS	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59640						
Client ID: WQ83011:1140NP2-	Batch ID: R59640	TestNo: SW8260C		Analysis Date: 9/1/2011	SeqNo: 837762						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	50		50.00		101	67	125				

Sample ID: 1109002-03AMSD	SampType: MSD	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59640						
Client ID: WQ83011:1140NP2-	Batch ID: R59640	TestNo: SW8260C		Analysis Date: 9/1/2011	SeqNo: 837763						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	46	1.0	50.00	0	92.3	32	122	49.36	6.77	20	
1,1,2,2-Tetrachloroethane	45	1.0	50.00	0	89.5	30	130	45.39	1.38	20	
1,1,2-Trichloroethane	39	1.0	50.00	0	77.8	42	136	41.97	7.62	20	
1,1-Dichloroethane	44	1.0	50.00	0	87.3	26	121	46.74	6.84	20	
1,1-Dichloroethene	43	1.0	50.00	0	86.6	29	118	45.89	5.81	20	
1,2-Dichlorobenzene	38	1.0	50.00	0	75.6	33	109	38.99	3.15	20	
1,2-Dichloroethane	40	1.0	50.00	0	80.3	26	120	44.15	9.44	20	
1,2-Dichloropropane	41	1.0	50.00	0	82.1	29	119	43.80	6.53	20	
1,3-Dichlorobenzene	41	1.0	50.00	0	81.1	35	111	41.74	2.87	20	
1,4-Dichlorobenzene	38	1.0	50.00	0	76.2	35	110	39.29	3.05	20	
Benzene	42	1.0	50.00	0	83.9	27	116	44.74	6.41	20	
Bromodichloromethane	41	1.0	50.00	0	81.3	32	110	42.83	5.17	20	
Bromoform	41	1.0	50.00	0	82.8	27	119	40.82	1.36	20	
Bromomethane	25	1.0	50.00	0	49.6	30	120	26.46	6.44	20	
Carbon tetrachloride	46	1.0	50.00	0	92.3	27	123	49.84	7.65	20	
Chlorobenzene	38	1.0	50.00	0	76.4	33	120	39.30	2.79	20	
Chloroethane	30	1.0	50.00	0	60.1	24	138	32.93	9.18	20	
Chloroform	45	1.0	50.00	0	90.8	29	128	49.41	8.42	20	
Chloromethane	27	1.0	50.00	0	53.1	20	118	29.18	9.40	20	
Dibromochloromethane	40	1.0	50.00	0	79.6	32	118	41.72	4.76	20	
Ethylbenzene	39	1.0	50.00	0	78.3	37	111	40.32	2.92	20	
Tetrachloroethene	33	1.0	50.00	0	65.6	20	125	34.23	4.30	20	
Toluene	39	1.0	50.00	0	78.2	30	120	41.80	6.67	20	
trans-1,2-Dichloroethene	40	1.0	50.00	0	80.7	27	115	41.57	2.95	20	
trans-1,3-Dichloropropene	40	1.0	50.00	0	80.8	20	123	42.21	4.38	20	

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
LOQ Limit of Quantitation  
C Calibration %RSD/%D exceeded for non-CCC analytes  
J Analyte detected below quantitation limits  
P >40% diff for detected cone between the two GC column  
E Value above quantitation range  
LOD Limit of Detection  
PQL Practical Quantitation Limit

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1109002  
**Project:** Rowe

# ANALYTICAL QC SUMMARY REPORT

**TestCode:** 8260MTBE113\_W

Sample ID: 1109002-03AMSD	SampType: MSD	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59640
Client ID: WQ83011:1140NP2-	Batch ID: R59640	TestNo: SW8260C		Analysis Date: 9/1/2011	SeqNo: 837763

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	43	1.0	50.00	0	85.2	24	122	44.35	4.00	20	
Trichlorofluoromethane	38	1.0	50.00	0	75.1	30	129	40.31	7.04	20	C
Vinyl chloride	35	1.0	50.00	0	70.6	20	141	37.22	5.30	20	
Surr: 4-Bromofluorobenzene	50		50.00		100	63	123		0	0	
Surr: Dibromofluoromethane	47		50.00		94.6	68	124		0	0	
Surr: Toluene-d8	50		50.00		100	67	125		0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected cone between the two GC column  
 PQL Practical Quantitation Limit

**APPENDIX II**  
**AUGUST 2011 LABORATORY ANALYTICAL REPORTS**  
**FOR FSP&T AND FP&T RECOVERY WELLS**

Wednesday, August 31, 2011

Mark Goldberg  
Leggette Brashears & Graham Inc.  
4 Research Drive  
Suite 301  
Shelton, CT 06484

TEL: (203) 929-8555

FAX (203) 926-9140

RE: Rowe

Order No.: 1108176

Dear Mark Goldberg:

American Analytical Laboratories, LLC. received 8 sample(s) on 8/25/2011 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report or the data is qualified. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. This report consists of 58 pages.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,



Lori Beyer  
Lab Director

**CLIENT:** Leggette Brashears & Graham Inc.  
**Project:** Rowe  
**Lab Order:** 1108176

**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Date Collected	Date Received
1108176-01A	GWQ82311:1045NP1-1-2	8/23/2011 10:45:00 AM	8/25/2011
1108176-01B	GWQ82311:1045NP1-1-2	8/23/2011 10:45:00 AM	8/25/2011
1108176-01C	GWQ82311:1045NP1-1-2	8/23/2011 10:45:00 AM	8/25/2011
1108176-02A	GWQ82311:1055NP1-1-3	8/23/2011 10:55:00 AM	8/25/2011
1108176-02B	GWQ82311:1055NP1-1-3	8/23/2011 10:55:00 AM	8/25/2011
1108176-02C	GWQ82311:1055NP1-1-3	8/23/2011 10:55:00 AM	8/25/2011
1108176-03A	GWQ82311:1105NP1-1-4	8/23/2011 11:05:00 AM	8/25/2011
1108176-03B	GWQ82311:1105NP1-1-4	8/23/2011 11:05:00 AM	8/25/2011
1108176-03C	GWQ82311:1105NP1-1-4	8/23/2011 11:05:00 AM	8/25/2011
1108176-04A	GWQ82311:1115NP1-1-5	8/23/2011 11:15:00 AM	8/25/2011
1108176-04B	GWQ82311:1115NP1-1-5	8/23/2011 11:15:00 AM	8/25/2011
1108176-04C	GWQ82311:1115NP1-1-5	8/23/2011 11:15:00 AM	8/25/2011
1108176-05A	GWQ82311:1125NP1-1-6	8/23/2011 11:25:00 AM	8/25/2011
1108176-05B	GWQ82311:1125NP1-1-6	8/23/2011 11:25:00 AM	8/25/2011
1108176-05C	GWQ82311:1125NP1-1-6	8/23/2011 11:25:00 AM	8/25/2011
1108176-06A	GWQ82311:1135NP1-1-7	8/23/2011 11:35:00 AM	8/25/2011
1108176-06B	GWQ82311:1135NP1-1-7	8/23/2011 11:35:00 AM	8/25/2011
1108176-06C	GWQ82311:1135NP1-1-7	8/23/2011 11:35:00 AM	8/25/2011
1108176-07A	GWQ82311:1145NP1-1-8	8/23/2011 11:45:00 AM	8/25/2011
1108176-07B	GWQ82311:1145NP1-1-8	8/23/2011 11:45:00 AM	8/25/2011
1108176-07C	GWQ82311:1145NP1-1-8	8/23/2011 11:45:00 AM	8/25/2011
1108176-08A	GWQ82311:1155NP1-1-9	8/23/2011 11:55:00 AM	8/25/2011
1108176-08B	GWQ82311:1155NP1-1-9	8/23/2011 11:55:00 AM	8/25/2011
1108176-08C	GWQ82311:1155NP1-1-9	8/23/2011 11:55:00 AM	8/25/2011



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 www.american-analytical.com

NYSDOH 11418  
 CTDOH PH-0205  
 NJDEP NY050  
 PADEP 68-573

# CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: *6-81r  
4 Research Dr. Suite 301  
Storham, CT 06487*

CONTACT: *M. Boldberg*

SAMPLER (SIGNATURE): *[Signature]*

SAMPLER NAME (PRINT): *STEPHEN HNAF*

SAMPLE(S) SEALED: *YES* / NO

CORRECT CONTAINER(S): *YES* / NO

TEMPERATURE (°C): *31*

PROJECT LOCATION: *Rowe*

LABORATORY ID# LAB USE ONLY	MATRIX/ TYPE	NO. OF CONTAINERS	DATE	SAMPLING TIME	SAMPLE # - LOCATION	ANALYSIS REQUIRED	YES/NO
<i>1108176-01MSW/G</i>		<i>4</i>	<i>8/23/11</i>	<i>1045</i>	<i>6WQ82311:1045 NP1-1-2</i>	<i>X</i>	
<i>02ABC</i>				<i>1055</i>	<i>6WQ82311:1055 NP1-1-3</i>	<i>X</i>	
<i>03ABC</i>				<i>1105</i>	<i>6WQ82311:1105 NP1-1-4</i>	<i>X</i>	
<i>04ABC</i>				<i>1115</i>	<i>6WQ82311:1115 NP1-1-5</i>	<i>X</i>	
<i>05ABC</i>				<i>1125</i>	<i>6WQ82311:1125 NP1-1-6</i>	<i>X</i>	
<i>06ABC</i>				<i>1135</i>	<i>6WQ82311:1135 NP1-1-7</i>	<i>X</i>	
<i>07ABC</i>				<i>1145</i>	<i>6WQ82311:1145 NP1-1-8</i>	<i>X</i>	
<i>08ABC</i>				<i>1155</i>	<i>6WQ82311:1155 NP1-1-9</i>	<i>X</i>	

COMMENTS / INSTRUCTIONS: **Samples must be on ICE (<6° C)**

MATRIX S=SOIL; W=WATER; SL=SLUDGE; A=AIR; M=MISCELLANEOUS

TURNAROUND REQUIRED:  STANDARD  STAT  BY / /

E-MAIL ADDRESS FOR RESULTS: *Mboldberg@lybect.com*

RELINQUISHED BY (SIGNATURE): *[Signature]* DATE: *8/29/11* TIME: *1030*

RECEIVED BY LAB (SIGNATURE): *[Signature]* DATE: *8/25/11* TIME: *1030*

PRINTED NAME: *Stet*

PRINTED NAME: *Cate Ferrara*

RELINQUISHED BY (SIGNATURE): *[Signature]* DATE: / /

RECEIVED BY LAB (SIGNATURE): *[Signature]* DATE: / /

PRINTED NAME: /

PRINTED NAME: /

American Analytical Laboratories, LLC.

Sample Receipt Checklist

Client Name **LBG CT**

Date and Time Receive **8/25/2011 10:40:22 AM**

Work Order Numbe **1108176**

RcptNo: **1**

Received by **CF**

COC\_ID:

CoolerID:

Checklist completed by

*CF Tenara* *8/25/11*  
Signature Date

Reviewed by

*JA B* *8/25/11*  
Initials Date

Matrix:

Carrier name FedEx

- Shipping container/cooler in good condition? Yes  No  Not Presen
- Custody seals intact on shipping container/cooler? Yes  No  Not Presen
- Custody seals intact on sample bottles? Yes  No  Not Presen
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container/Temp Blank temperature in compliance? Yes  No
- Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No
- Water - pH acceptable upon receipt? Yes  No  N/A

Adjusted? \_\_\_\_\_ Checked b \_\_\_\_\_

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments:

Corrective Action \_\_\_\_\_

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-01A

Client Sample ID: GWQ82311:1045NP1-1-2  
 Collection Date: 8/23/2011 10:45:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	8/25/2011 3:52:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/25/2011 3:52:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/25/2011 3:52:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/25/2011 3:52:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/25/2011 3:52:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/25/2011 3:52:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735  
 Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com



Qualifiers:	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-01A

Client Sample ID: GWQ82311:1045NP1-1-2  
 Collection Date: 8/23/2011 10:45:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C		Analyst: LA		
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Chloroethane	U	0.5	1.0	C	µg/L	1	8/25/2011 3:52:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/25/2011 3:52:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735  
 Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com



Qualifiers:	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 31-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-01A

Client Sample ID: GWQ82311:1045NP1-1-2  
 Collection Date: 8/23/2011 10:45:00 AM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>			<b>Analyst: LA</b>	
Vinyl acetate	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/25/2011 3:52:00 PM
Surr: 4-Bromofluorobenzene	95.3	0	63-123		%REC	1	8/25/2011 3:52:00 PM
Surr: Dibromofluoromethane	107	0	68-124		%REC	1	8/25/2011 3:52:00 PM
Surr: Toluene-d8	101	0	67-125		%REC	1	8/25/2011 3:52:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735  
 Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com



<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: 31-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
Lab Order: 1108176  
Project: Rowe  
Lab ID: 1108176-01B

Client Sample ID: GWQ82311:1045NP1-1-2  
Collection Date: 8/23/2011 10:45:00 AM  
Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>				<b>E200.7</b>	<b>SW3010A</b>		Analyst: JP
Total Iron	2.20	0.005	0.0200		mg/L	1	8/25/2011 1:04:40 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735  
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com



<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: 31-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
Lab Order: 1108176  
Project: Rowe  
Lab ID: 1108176-01C

Client Sample ID: GWQ82311:1045NP1-1-2  
Collection Date: 8/23/2011 10:45:00 AM  
Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS, DISSOLVED</b>				<b>E200.7</b>			Analyst: JP
Dissolved Iron	0.0210	0.005	0.0200		mg/L	1	8/25/2011 1:02:37 PM

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- Qualifiers:**
- B Analyte detected in the associated Method Blank
  - C Calibration %RSD/%D exceeded for non-CCC analytes
  - E Value above quantitation range
  - H Holding times for preparation or analysis exceeded
  - J Analyte detected below quantitation limits
  - LOD Limit of Detection
  - LOQ Limit of Quantitation
  - P >40% diff for detected conc between the two GC columns
  - PQL Practical Quantitation Limit
  - S Spike Recovery outside accepted recovery limits
  - U Indicates the compound was analyzed but not detected.

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-02A

Client Sample ID: GWQ82311:1055NP1-1-3  
 Collection Date: 8/23/2011 10:55:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	8/25/2011 4:16:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/25/2011 4:16:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/25/2011 4:16:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/25/2011 4:16:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/25/2011 4:16:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/25/2011 4:16:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-02A

Client Sample ID: GWQ82311:1055NP1-1-3  
 Collection Date: 8/23/2011 10:55:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>			<b>Analyst: LA</b>	
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Chloromethane	U	0.5	1.0	C	µg/L	1	8/25/2011 4:16:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/25/2011 4:16:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM

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	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 31-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-02A

Client Sample ID: GWQ82311:1055NP1-1-3  
 Collection Date: 8/23/2011 10:55:00 AM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>			<b>Analyst: LA</b>	
Vinyl acetate	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/25/2011 4:16:00 PM
Surr: 4-Bromofluorobenzene	93.7	0	63-123		%REC	1	8/25/2011 4:16:00 PM
Surr: Dibromofluoromethane	106	0	68-124		%REC	1	8/25/2011 4:16:00 PM
Surr: Toluene-d8	101	0	67-125		%REC	1	8/25/2011 4:16:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 31-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
Lab Order: 1108176  
Project: Rowe  
Lab ID: 1108176-02B

Client Sample ID: GWQ82311:1055NP1-1-3  
Collection Date: 8/23/2011 10:55:00 AM  
Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>				<b>E200.7</b>	<b>SW3010A</b>		Analyst: JP
Total Iron	3.25	0.005	0.0200		mg/L	1	8/25/2011 1:08:47 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ82311:1055NP1-1-3
<b>Lab Order:</b>	1108176	<b>Collection Date:</b>	8/23/2011 10:55:00 AM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108176-02C		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS, DISSOLVED</b>			<b>E200.7</b>		<b>SW3005A</b>		<b>Analyst: JP</b>
Dissolved Iron	0.423	0.005	0.0200		mg/L	1	8/25/2011 1:06:43 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-03A

Client Sample ID: GWQ82311:1105NP1-1-4  
 Collection Date: 8/23/2011 11:05:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
1,1,1-Trichloroethane	0.92	0.5	1.0	J	µg/L	1	8/25/2011 4:39:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	8/25/2011 4:39:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/25/2011 4:39:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/25/2011 4:39:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/25/2011 4:39:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/25/2011 4:39:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/25/2011 4:39:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM

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Qualifiers:	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 31-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-03A

Client Sample ID: GWQ82311:1105NP1-1-4  
 Collection Date: 8/23/2011 11:05:00 AM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>			<b>Analyst: LA</b>	
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Chloroethane	U	0.5	1.0	C	µg/L	1	8/25/2011 4:39:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/25/2011 4:39:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 31-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ82311:1105NP1-1-4

Lab Order: 1108176

Collection Date: 8/23/2011 11:05:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1108176-03A

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
				<b>SW8260C</b>		Analyst: LA	
VOC							
Vinyl acetate	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/25/2011 4:39:00 PM
Surr: 4-Bromofluorobenzene	93.6	0	63-123		%REC	1	8/25/2011 4:39:00 PM
Surr: Dibromofluoromethane	106	0	68-124		%REC	1	8/25/2011 4:39:00 PM
Surr: Toluene-d8	103	0	67-125		%REC	1	8/25/2011 4:39:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ82311:1105NP1-1-4
<b>Lab Order:</b>	1108176	<b>Collection Date:</b>	8/23/2011 11:05:00 AM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108176-03B		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>			<b>E200.7</b>		<b>SW3010A</b>		<b>Analyst: JP</b>
Total Iron	4.90	0.005	0.0200		mg/L	1	8/25/2011 1:39:53 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 31-Aug-11

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ82311:1105NP1-1-4
<b>Lab Order:</b>	1108176	<b>Collection Date:</b>	8/23/2011 11:05:00 AM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108176-03C		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS, DISSOLVED</b>				<b>E200.7</b>			<b>Analyst: JP</b>
Dissolved Iron	0.790	0.005	0.0200		mg/L	1	8/25/2011 1:10:51 PM
							<b>SW3005A</b>

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-04A

Client Sample ID: GWQ82311:1115NP1-1-5  
 Collection Date: 8/23/2011 11:15:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
1,1,1-Trichloroethane	0.62	0.5	1.0	J	µg/L	1	8/25/2011 5:03:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	8/25/2011 5:03:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/25/2011 5:03:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/25/2011 5:03:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/25/2011 5:03:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/25/2011 5:03:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/25/2011 5:03:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-04A

Client Sample ID: GWQ82311:1115NP1-1-5  
 Collection Date: 8/23/2011 11:15:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C				Analyst: LA
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Chloromethane	U	0.5	1.0	C	µg/L	1	8/25/2011 5:03:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/25/2011 5:03:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 31-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-04A

Client Sample ID: GWQ82311:1115NP1-1-5  
 Collection Date: 8/23/2011 11:15:00 AM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Vinyl acetate	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/25/2011 5:03:00 PM
Surr: 4-Bromofluorobenzene	93.8	0	63-123		%REC	1	8/25/2011 5:03:00 PM
Surr: Dibromofluoromethane	108	0	68-124		%REC	1	8/25/2011 5:03:00 PM
Surr: Toluene-d8	100	0	67-125		%REC	1	8/25/2011 5:03:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-04B

Client Sample ID: GWQ82311:1115NP1-1-5  
 Collection Date: 8/23/2011 11:15:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>			<b>E200.7</b>		<b>SW3010A</b>		Analyst: JP
Total Iron	0.0740	0.005	0.0200		mg/L	1	8/25/2011 1:44:01 PM

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- |                    |     |   |     |  |
|--------------------|-----|---|-----|--|
| <b>Qualifiers:</b> | B   | Analyte detected in the associated Method Blank       | C   | Calibration %RSD/%D exceeded for non-CCC analytes      |
|                    | E   | Value above quantitation range                        | H   | Holding times for preparation or analysis exceeded     |
|                    | J   | Analyte detected below quantitation limits            | LOD | Limit of Detection                                     |
|                    | LOQ | Limit of Quantitation                                 | P   | >40% diff for detected conc between the two GC columns |
|                    | PQL | Practical Quantitation Limit                          | S   | Spike Recovery outside accepted recovery limits        |
|                    | U   | Indicates the compound was analyzed but not detected. |     |  |

**American Analytical Laboratories, LLC.**

Date: 31-Aug-11

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ82311:1115NP1-1-5
<b>Lab Order:</b>	1108176	<b>Collection Date:</b>	8/23/2011 11:15:00 AM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108176-04C		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS, DISSOLVED</b>				<b>E200.7</b>			<b>Analyst: JP</b>
Dissolved Iron	0.0240	0.005	0.0200		mg/L	1	8/25/2011 1:41:57 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-05A

Client Sample ID: GWQ82311:1125NP1-1-6  
 Collection Date: 8/23/2011 11:25:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
1,1,1-Trichloroethane	1.2	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	8/25/2011 5:26:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/25/2011 5:26:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/25/2011 5:26:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/25/2011 5:26:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/25/2011 5:26:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/25/2011 5:26:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 31-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-05A

Client Sample ID: GWQ82311:1125NP1-1-6  
 Collection Date: 8/23/2011 11:25:00 AM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Chloroethane	U	0.5	1.0	C	µg/L	1	8/25/2011 5:26:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/25/2011 5:26:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Tetrachloroethene	1.3	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ82311:1125NP1-1-6
<b>Lab Order:</b>	1108176	<b>Collection Date:</b>	8/23/2011 11:25:00 AM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108176-05A		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>				<b>Analyst: LA</b>
Vinyl acetate	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/25/2011 5:26:00 PM
Surr: 4-Bromofluorobenzene	92.7	0	63-123		%REC	1	8/25/2011 5:26:00 PM
Surr: Dibromofluoromethane	109	0	68-124		%REC	1	8/25/2011 5:26:00 PM
Surr: Toluene-d8	99.7	0	67-125		%REC	1	8/25/2011 5:26:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-05B

Client Sample ID: GWQ82311:1125NP1-1-6  
 Collection Date: 8/23/2011 11:25:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>				<b>E200.7</b>	<b>SW3010A</b>		Analyst: JP
Total Iron	0.234	0.005	0.0200		mg/L	1	8/25/2011 1:48:09 PM

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- Qualifiers:**
- B Analyte detected in the associated Method Blank
  - E Value above quantitation range
  - J Analyte detected below quantitation limits
  - LOQ Limit of Quantitation
  - PQL Practical Quantitation Limit
  - U Indicates the compound was analyzed but not detected.
  - C Calibration %RSD/%D exceeded for non-CCC analytes
  - H Holding times for preparation or analysis exceeded
  - LOD Limit of Detection
  - P >40% diff for detected conc between the two GC columns
  - S Spike Recovery outside accepted recovery limits

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ82311:1125NP1-1-6
<b>Lab Order:</b>	1108176	<b>Collection Date:</b>	8/23/2011 11:25:00 AM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108176-05C		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS, DISSOLVED</b>			<b>E200.7</b>		<b>SW3005A</b>		<b>Analyst: JP</b>
Dissolved Iron	0.0170	0.005	0.0200	J	mg/L	1	8/25/2011 1:46:05 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-06A

Client Sample ID: GWQ82311:1135NP1-1-7  
 Collection Date: 8/23/2011 11:35:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>				<b>Analyst: LA</b>
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	8/25/2011 5:49:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/25/2011 5:49:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/25/2011 5:49:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/25/2011 5:49:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/25/2011 5:49:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/25/2011 5:49:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM

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	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 31-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-06A

Client Sample ID: GWQ82311:1135NP1-1-7  
 Collection Date: 8/23/2011 11:35:00 AM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>			Analyst: LA	
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Chloromethane	U	0.5	1.0	C	µg/L	1	8/25/2011 5:49:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/25/2011 5:49:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Tetrachloroethene	0.75	0.5	1.0	J	µg/L	1	8/25/2011 5:49:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-06A

Client Sample ID: GWQ82311:1135NP1-1-7  
 Collection Date: 8/23/2011 11:35:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Vinyl acetate	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/25/2011 5:49:00 PM
Surr: 4-Bromofluorobenzene	91.7	0	63-123		%REC	1	8/25/2011 5:49:00 PM
Surr: Dibromofluoromethane	106	0	68-124		%REC	1	8/25/2011 5:49:00 PM
Surr: Toluene-d8	100	0	67-125		%REC	1	8/25/2011 5:49:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-06B

Client Sample ID: GWQ82311:1135NP1-1-7  
 Collection Date: 8/23/2011 11:35:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>				<b>E200.7</b>		<b>SW3010A</b>	Analyst: JP
Total Iron	0.644	0.005	0.0200		mg/L	1	8/25/2011 1:52:16 PM

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- Qualifiers:**
- B Analyte detected in the associated Method Blank
  - E Value above quantitation range
  - J Analyte detected below quantitation limits
  - LOQ Limit of Quantitation
  - PQL Practical Quantitation Limit
  - U Indicates the compound was analyzed but not detected.
  - C Calibration %RSD/%D exceeded for non-CCC analytes
  - H Holding times for preparation or analysis exceeded
  - LOD Limit of Detection
  - P >40% diff for detected conc between the two GC columns
  - S Spike Recovery outside accepted recovery limits

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ82311:1135NP1-1-7
<b>Lab Order:</b>	1108176	<b>Collection Date:</b>	8/23/2011 11:35:00 AM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108176-06C		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS, DISSOLVED</b>				<b>E200.7</b>	<b>SW3005A</b>		<b>Analyst: JP</b>
Dissolved Iron	0.132	0.005	0.0200		mg/L	1	8/25/2011 1:50:13 PM

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- |                    |     |   |     |  |
|--------------------|-----|---|-----|--|
| <b>Qualifiers:</b> | B   | Analyte detected in the associated Method Blank       | C   | Calibration %RSD/%D exceeded for non-CCC analytes      |
|                    | E   | Value above quantitation range                        | H   | Holding times for preparation or analysis exceeded     |
|                    | J   | Analyte detected below quantitation limits            | LOD | Limit of Detection                                     |
|                    | LOQ | Limit of Quantitation                                 | P   | >40% diff for detected conc between the two GC columns |
|                    | PQL | Practical Quantitation Limit                          | S   | Spike Recovery outside accepted recovery limits        |
|                    | U   | Indicates the compound was analyzed but not detected. |     |  |

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-07A

Client Sample ID: GWQ82311:1145NP1-1-8  
 Collection Date: 8/23/2011 11:45:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	8/25/2011 6:13:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/25/2011 6:13:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/25/2011 6:13:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/25/2011 6:13:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/25/2011 6:13:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/25/2011 6:13:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-07A

Client Sample ID: GWQ82311:1145NP1-1-8  
 Collection Date: 8/23/2011 11:45:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Chloroethane	U	0.5	1.0	C	µg/L	1	8/25/2011 6:13:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/25/2011 6:13:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-07A

Client Sample ID: GWQ82311:1145NP1-1-8  
 Collection Date: 8/23/2011 11:45:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C				Analyst: LA
Vinyl acetate	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/25/2011 6:13:00 PM
Surr: 4-Bromofluorobenzene	90.6	0	63-123		%REC	1	8/25/2011 6:13:00 PM
Surr: Dibromofluoromethane	112	0	68-124		%REC	1	8/25/2011 6:13:00 PM
Surr: Toluene-d8	100	0	67-125		%REC	1	8/25/2011 6:13:00 PM

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- Qualifiers:**
- B Analyte detected in the associated Method Blank
  - E Value above quantitation range
  - J Analyte detected below quantitation limits
  - LOQ Limit of Quantitation
  - PQL Practical Quantitation Limit
  - U Indicates the compound was analyzed but not detected.
  - C Calibration %RSD/%D exceeded for non-CCC analytes
  - H Holding times for preparation or analysis exceeded
  - LOD Limit of Detection
  - P >40% diff for detected conc between the two GC columns
  - S Spike Recovery outside accepted recovery limits

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ82311:1145NP1-1-8
<b>Lab Order:</b>	1108176	<b>Collection Date:</b>	8/23/2011 11:45:00 AM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108176-07B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>				E200.7	SW3010A		Analyst: JP
Total Iron	9.81	0.005	0.0200		mg/L	1	8/25/2011 1:56:24 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 31-Aug-11

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	GWQ82311:1145NP1-1-8
<b>Lab Order:</b>	1108176	<b>Collection Date:</b>	8/23/2011 11:45:00 AM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108176-07C		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS, DISSOLVED</b>				<b>E200.7</b>	<b>SW3005A</b>		<b>Analyst: JP</b>
Dissolved Iron	0.0540	0.005	0.0200		mg/L	1	8/25/2011 1:54:20 PM

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- |                    |     |   |     |  |
|--------------------|-----|---|-----|--|
| <b>Qualifiers:</b> | B   | Analyte detected in the associated Method Blank       | C   | Calibration %RSD/%D exceeded for non-CCC analytes      |
|                    | E   | Value above quantitation range                        | H   | Holding times for preparation or analysis exceeded     |
|                    | J   | Analyte detected below quantitation limits            | LOD | Limit of Detection                                     |
|                    | LOQ | Limit of Quantitation                                 | P   | >40% diff for detected conc between the two GC columns |
|                    | PQL | Practical Quantitation Limit                          | S   | Spike Recovery outside accepted recovery limits        |
|                    | U   | Indicates the compound was analyzed but not detected. |     |  |

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-08A

Client Sample ID: GWQ82311:1155NP1-1-9  
 Collection Date: 8/23/2011 11:55:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	8/25/2011 6:37:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/25/2011 6:37:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/25/2011 6:37:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/25/2011 6:37:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/25/2011 6:37:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/25/2011 6:37:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
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	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 31-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-08A

Client Sample ID: GWQ82311:1155NP1-1-9  
 Collection Date: 8/23/2011 11:55:00 AM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Chloromethane	U	0.5	1.0	C	µg/L	1	8/25/2011 6:37:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/25/2011 6:37:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
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	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 31-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-08A

Client Sample ID: GWQ82311:1155NP1-1-9  
 Collection Date: 8/23/2011 11:55:00 AM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>					<b>SW8260C</b>		<b>Analyst: LA</b>
Vinyl acetate	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/25/2011 6:37:00 PM
Surr: 4-Bromofluorobenzene	93.0	0	63-123		%REC	1	8/25/2011 6:37:00 PM
Surr: Dibromofluoromethane	109	0	68-124		%REC	1	8/25/2011 6:37:00 PM
Surr: Toluene-d8	101	0	67-125		%REC	1	8/25/2011 6:37:00 PM

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- Qualifiers:**
- B Analyte detected in the associated Method Blank
  - E Value above quantitation range
  - J Analyte detected below quantitation limits
  - LOQ Limit of Quantitation
  - PQL Practical Quantitation Limit
  - U Indicates the compound was analyzed but not detected.
  - C Calibration %RSD/%D exceeded for non-CCC analytes
  - H Holding times for preparation or analysis exceeded
  - LOD Limit of Detection
  - P >40% diff for detected conc between the two GC columns
  - S Spike Recovery outside accepted recovery limits

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108176  
 Project: Rowe  
 Lab ID: 1108176-08B

Client Sample ID: GWQ82311:1155NP1-1-9  
 Collection Date: 8/23/2011 11:55:00 AM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS</b>				<b>E200.7</b>	<b>SW3010A</b>		Analyst: JP
Total Iron	5.34	0.005	0.0200		mg/L	1	8/25/2011 2:12:05 PM

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- Qualifiers:**
- B Analyte detected in the associated Method Blank
  - C Calibration %RSD/%D exceeded for non-CCC analytes
  - E Value above quantitation range
  - H Holding times for preparation or analysis exceeded
  - J Analyte detected below quantitation limits
  - LOD Limit of Detection
  - LOQ Limit of Quantitation
  - P >40% diff for detected conc between the two GC columns
  - PQL Practical Quantitation Limit
  - S Spike Recovery outside accepted recovery limits
  - U Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 31-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
Lab Order: 1108176  
Project: Rowe  
Lab ID: 1108176-08C

Client Sample ID: GWQ82311:1155NP1-1-9  
Collection Date: 8/23/2011 11:55:00 AM  
Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>METALS, DISSOLVED</b>				<b>E200.7</b>	<b>SW3005A</b>		Analyst: JP
Dissolved Iron	0.0600	0.005	0.0200		mg/L	1	8/25/2011 1:58:28 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735  
Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com



- Qualifiers:**
- B Analyte detected in the associated Method Blank
  - E Value above quantitation range
  - J Analyte detected below quantitation limits
  - LOQ Limit of Quantitation
  - PQL Practical Quantitation Limit
  - U Indicates the compound was analyzed but not detected.
  - C Calibration %RSD/%D exceeded for non-CCC analytes
  - H Holding times for preparation or analysis exceeded
  - LOD Limit of Detection
  - P >40% diff for detected conc between the two GC columns
  - S Spike Recovery outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.  
 Work Order: 1108176  
 Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113\_W

Sample ID: V624LCS-082511YW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/25/2011	RunNo: 59542						
Client ID: LCSW	Batch ID: R59542	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836279						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	48	1.0	50.00	0	95.8	38	136				
1,1,2,2-Tetrachloroethane	43	1.0	50.00	0	86.2	50	124				
1,1,2-Trichloroethane	47	1.0	50.00	0	93.3	52	128				
1,1-Dichloroethane	42	1.0	50.00	0	84.3	55	123				
1,1-Dichloroethene	45	1.0	50.00	0	90.7	48	128				
1,2-Dichlorobenzene	47	1.0	50.00	0	93.3	59	123				
1,2-Dichloroethane	47	1.0	50.00	0	93.8	52	129				
1,2-Dichloropropane	43	1.0	50.00	0	86.6	58	124				
1,3-Dichlorobenzene	48	1.0	50.00	0	95.1	51	124				
1,4-Dichlorobenzene	49	1.0	50.00	0	97.1	54	128				
2-Chloroethyl vinyl ether	47	2.0	50.00	0	94.3	25	141				
Benzene	44	1.0	50.00	0	87.5	53	131				
Bromodichloromethane	46	1.0	50.00	0	92.6	54	126				
Bromoform	47	1.0	50.00	0	94.3	53	127				
Bromomethane	25	1.0	50.00	0	50.4	42	150				
Carbon tetrachloride	50	1.0	50.00	0	101	46	135				
Chlorobenzene	47	1.0	50.00	0	93.4	53	121				
Chloroethane	40	1.0	50.00	0	79.5	40	145				
Chloroform	47	1.0	50.00	0	93.5	41	135				
Chloromethane	22	1.0	50.00	0	43.7	32	149				C
cis-1,3-Dichloropropene	45	1.0	50.00	0	89.7	46	128				
Dibromochloromethane	50	1.0	50.00	0	99.0	42	124				
Ethylbenzene	46	1.0	50.00	0	92.4	52	135				
Tetrachloroethene	47	1.0	50.00	0	93.6	26	126				
Toluene	46	1.0	50.00	0	92.4	51	130				
trans-1,2-Dichloroethene	45	1.0	50.00	0	89.3	49	125				
trans-1,3-Dichloropropene	45	1.0	50.00	0	90.0	43	125				
Trichloroethene	48	1.0	50.00	0	96.2	47	127				
Trichlorofluoromethane	43	1.0	50.00	0	86.9	50	152				
Vinyl chloride	42	1.0	50.00	0	84.3	50	149				

Qualifiers: B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 LOQ Limit of Quantitation  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 J Analyte detected below quantitation limits  
 P >40% diff for detected conc between the two GC column  
 E Value above quantitation range  
 LOD Limit of Detection  
 PQL Practical Quantitation Limit

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1108176  
**Project:** Rowe

# ANALYTICAL QC SUMMARY REPORT

**TestCode:** 8260MTBE113\_W

Sample ID: V624LCS-082511YW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L
Client ID: LCSW	Batch ID: R59542	Prep Date: 8/25/2011	RunNo: 59542
		Analysis Date: 8/25/2011	SeqNo: 836279

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	46		50.00		91.2	63	123				
Surr: Dibromofluoromethane	50		50.00		99.1	68	124				
Surr: Toluene-d8	49		50.00		98.5	67	125				

Sample ID: VBLK-082511YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L
Client ID: PBW	Batch ID: R59542	Prep Date: 8/25/2011	RunNo: 59542
		Analysis Date: 8/25/2011	SeqNo: 836280

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	U	1.0									
1,1,1-Trichloroethane	U	1.0									
1,1,2,2-Tetrachloroethane	U	1.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0									
1,1,2-Trichloroethane	U	1.0									
1,1-Dichloroethane	U	1.0									
1,1-Dichloroethene	U	1.0									
1,1-Dichloropropene	U	1.0									
1,2,3-Trichlorobenzene	U	1.0									
1,2,3-Trichloropropane	U	1.0									
1,2,4-Trichlorobenzene	U	1.0									
1,2,4-Trimethylbenzene	U	1.0									
1,2-Dibromo-3-chloropropane	U	2.0									
1,2-Dibromoethane	U	1.0									
1,2-Dichlorobenzene	U	1.0									
1,2-Dichloroethane	U	1.0									
1,2-Dichloropropane	U	1.0									
1,3,5-Trimethylbenzene	U	1.0									
1,3-Dichlorobenzene	U	1.0									
1,3-dichloropropane	U	1.0									
1,4-Dichlorobenzene	U	1.0									
2,2-Dichloropropane	U	1.0									
2-Butanone	U	2.5									

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
LOQ Limit of Quantitation

C Calibration %RSD/%D exceeded for non-CCC analytes  
J Analyte detected below quantitation limits  
P >40% diff for detected conc between the two GC column

E Value above quantitation range  
LOD Limit of Detection  
PQL Practical Quantitation Limit

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1108176  
**Project:** Rowe

# ANALYTICAL QC SUMMARY REPORT

**TestCode:** 8260MTBE113\_W

Sample ID: VBLK-082511YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/25/2011	RunNo: 59542						
Client ID: PBW	Batch ID: R59542	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836280						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

2-Chloroethyl vinyl ether	U	2.0									
2-Chlorotoluene	U	1.0									
2-Hexanone	U	2.5									
4-Chlorotoluene	U	1.0									
4-Isopropyltoluene	U	1.0									
4-Methyl-2-pentanone	U	2.5									
Acetone	U	2.5									
Benzene	U	1.0									
Bromobenzene	U	1.0									
Bromochloromethane	U	1.0									
Bromodichloromethane	U	1.0									
Bromoform	U	1.0									
Bromomethane	U	1.0									
Carbon disulfide	U	1.0									
Carbon tetrachloride	U	1.0									
Chlorobenzene	U	1.0									
Chloroethane	U	1.0									
Chloroform	U	1.0									
Chloromethane	U	1.0									
cis-1,2-Dichloroethene	U	1.0									
cis-1,3-Dichloropropene	U	1.0									
Dibromochloromethane	U	1.0									
Dibromomethane	U	1.0									
Dichlorodifluoromethane	U	1.0									
Ethylbenzene	U	1.0									
Hexachlorobutadiene	U	1.0									
Isopropylbenzene	U	1.0									
m,p-Xylene	U	2.0									
Methyl tert-butyl ether	U	1.0									
Methylene chloride	U	1.0									
Naphthalene	U	1.0									

C

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 LOQ Limit of Quantitation  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 J Analyte detected below quantitation limits  
 P >40% diff for detected conc between the two GC column  
 E Value above quantitation range  
 LOD Limit of Detection  
 PQL Practical Quantitation Limit

CLIENT: Leggette Brashears & Graham Inc.  
 Work Order: 1108176  
 Project: Rowe

# ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113\_W

Sample ID: VBLK-082511YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/25/2011	RunNo: 59542						
Client ID: PBW	Batch ID: R59542	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836280						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

n-Butylbenzene	U	1.0									
n-Propylbenzene	U	1.0									
o-Xylene	U	1.0									
sec-Butylbenzene	U	1.0									
Styrene	U	1.0									
tert-Butylbenzene	U	1.0									
Tetrachloroethene	U	1.0									
Toluene	U	1.0									
trans-1,2-Dichloroethene	U	1.0									
trans-1,3-Dichloropropene	U	1.0									
Trichloroethene	U	1.0									
Trichlorofluoromethane	U	1.0									
Vinyl acetate	U	1.0									
Vinyl chloride	U	1.0									
Surr: 4-Bromofluorobenzene	46		50.00		92.6	63	123				
Surr: Dibromofluoromethane	54		50.00		107	68	124				
Surr: Toluene-d8	51		50.00		101	67	125				

Sample ID: V624LCS-082511YW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/25/2011	RunNo: 59542						
Client ID: LCSW	Batch ID: R59542A	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836286						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	49	1.0	50.00	0	97.6	38	136				
1,1,2,2-Tetrachloroethane	42	1.0	50.00	0	83.1	50	124				
1,1,2-Trichloroethane	45	1.0	50.00	0	90.2	52	128				
1,1-Dichloroethane	42	1.0	50.00	0	83.9	55	123				
1,1-Dichloroethene	47	1.0	50.00	0	94.2	48	128				
1,2-Dichlorobenzene	46	1.0	50.00	0	91.4	59	123				
1,2-Dichloroethane	49	1.0	50.00	0	99.0	52	129				
1,2-Dichloropropane	42	1.0	50.00	0	84.0	58	124				
1,3-Dichlorobenzene	46	1.0	50.00	0	91.4	51	124				

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 LOQ Limit of Quantitation  
 C Calibration %RSD/%d exceeded for non-CCC analytes  
 J Analyte detected below quantitation limits  
 P >40% diff for detected conc between the two GC column  
 E Value above quantitation range  
 LOD Limit of Detection  
 PQL Practical Quantitation Limit

CLIENT: Leggette Brashears & Graham Inc.  
 Work Order: 1108176  
 Project: Rowe

# ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113\_W

Sample ID: V624LCS-082511YW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/25/2011	RunNo: 59542
Client ID: LCSW	Batch ID: R59542A	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836286

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	47	1.0	50.00	0	94.3	54	128				
2-Chloroethyl vinyl ether	44	2.0	50.00	0	88.8	25	141				
Benzene	43	1.0	50.00	0	86.9	53	131				
Bromodichloromethane	45	1.0	50.00	0	90.6	54	126				
Bromoform	45	1.0	50.00	0	89.4	53	127				
Bromomethane	34	1.0	50.00	0	67.2	42	150				
Carbon tetrachloride	50	1.0	50.00	0	101	46	135				
Chlorobenzene	45	1.0	50.00	0	90.5	53	121				
Chloroethane	47	1.0	50.00	0	93.7	40	145				C
Chloroform	43	1.0	50.00	0	85.9	41	135				
Chloromethane	33	1.0	50.00	0	66.9	32	149				
cis-1,3-Dichloropropene	44	1.0	50.00	0	87.4	46	128				
Dibromochloromethane	49	1.0	50.00	0	97.4	42	124				
Ethylbenzene	45	1.0	50.00	0	89.1	52	135				
Tetrachloroethene	45	1.0	50.00	0	90.4	26	126				
Toluene	44	1.0	50.00	0	89.0	51	130				
trans-1,2-Dichloroethene	43	1.0	50.00	0	86.9	49	125				
trans-1,3-Dichloropropene	45	1.0	50.00	0	89.3	43	125				
Trichloroethene	47	1.0	50.00	0	94.7	47	127				
Trichlorofluoromethane	44	1.0	50.00	0	88.3	50	152				
Vinyl chloride	41	1.0	50.00	0	81.6	50	149				
Surr: 4-Bromofluorobenzene	47		50.00		93.2	63	123				
Surr: Dibromofluoromethane	53		50.00		105	68	124				
Surr: Toluene-d8	48		50.00		96.8	67	125				

Sample ID: VBLK-082511YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/25/2011	RunNo: 59542
Client ID: PBW	Batch ID: R59542A	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836287

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	U	1.0									
1,1,1-Trichloroethane	U	1.0									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 LOQ Limit of Quantitation  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 J Analyte detected below quantitation limits  
 P >40% diff for detected conc between the two GC column  
 E Value above quantitation range  
 LOD Limit of Detection  
 PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggett Brashears & Graham, Inc.  
**Work Order:** 1108176  
**Project:** Rowe

**TestCode:** 8260MTBE113\_W

Sample ID: VBLK-082511YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/25/2011	RunNo: 59542						
Client ID: PBW	Batch ID: R59542A	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836287						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,2,2-Tetrachloroethane	U	1.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0									
1,1,2-Trichloroethane	U	1.0									
1,1-Dichloroethane	U	1.0									
1,1-Dichloroethene	U	1.0									
1,1-Dichloropropene	U	1.0									
1,2,3-Trichlorobenzene	U	1.0									
1,2,3-Trichloropropane	U	1.0									
1,2,4-Trichlorobenzene	U	1.0									
1,2,4-Trimethylbenzene	U	1.0									
1,2-Dibromo-3-chloropropane	U	2.0									
1,2-Dibromoethane	U	1.0									
1,2-Dichlorobenzene	U	1.0									
1,2-Dichloroethane	U	1.0									
1,2-Dichloropropane	U	1.0									
1,3,5-Trimethylbenzene	U	1.0									
1,3-Dichlorobenzene	U	1.0									
1,3-dichloropropane	U	1.0									
1,4-Dichlorobenzene	U	1.0									
2,2-Dichloropropane	U	1.0									
2-Butanone	U	2.5									
2-Chloroethyl vinyl ether	U	2.0									
2-Chlorotoluene	U	1.0									
2-Hexanone	U	2.5									
4-Chlorotoluene	U	1.0									
4-Isopropyltoluene	U	1.0									
4-Methyl-2-pentanone	U	2.5									
Acetone	U	2.5									
Benzene	U	1.0									
Bromobenzene	U	1.0									
Bromochloromethane	U	1.0									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1108176  
**Project:** Rowe

# ANALYTICAL QC SUMMARY REPORT

**TestCode:** 8260MTBE113\_W

Sample ID: VBLK-082511YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/25/2011	RunNo: 59542						
Client ID: PBW	Batch ID: R59542A	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836287						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Bromodichloromethane	U	1.0									
Bromoform	U	1.0									
Bromomethane	U	1.0									
Carbon disulfide	U	1.0									
Carbon tetrachloride	U	1.0									
Chlorobenzene	U	1.0									
Chloroethane	U	1.0									
Chloroform	U	1.0									
Chloromethane	U	1.0									
cis-1,2-Dichloroethene	U	1.0									
cis-1,3-Dichloropropene	U	1.0									
Dibromochloromethane	U	1.0									
Dibromomethane	U	1.0									
Dichlorodifluoromethane	U	1.0									
Ethylbenzene	U	1.0									
Hexachlorobutadiene	U	1.0									
Isopropylbenzene	U	1.0									
m,p-Xylene	U	2.0									
Methyl tert-butyl ether	U	1.0									
Methylene chloride	U	1.0									
Naphthalene	U	1.0									
n-Butylbenzene	U	1.0									
n-Propylbenzene	U	1.0									
o-Xylene	U	1.0									
sec-Butylbenzene	U	1.0									
Styrene	U	1.0									
tert-Butylbenzene	U	1.0									
Tetrachloroethene	U	1.0									
Toluene	U	1.0									
trans-1,2-Dichloroethene	U	1.0									
trans-1,3-Dichloropropene	U	1.0									

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
LOQ Limit of Quantitation  
C Calibration %RSD/%AD exceeded for non-CCC analytes  
E Value above quantitation range  
J Analyte detected below quantitation limits  
LOD Limit of Detection  
P >40% diff for detected conc between the two GC column  
PQL Practical Quantitation Limit

CLIENT: Leggette Brashears & Graham Inc.  
 Work Order: 1108176  
 Project: Rowe

# ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113\_W

Sample ID: VBLK-082511YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/25/2011	RunNo: 59542
Client ID: PBW	Batch ID: R59542A	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836287

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	U	1.0									
Trichlorofluoromethane	U	1.0									
Vinyl acetate	U	1.0									
Vinyl chloride	U	1.0									
Surr: 4-Bromofluorobenzene	47		50.00		93.5	63	123				
Surr: Dibromofluoromethane	54		50.00		109	68	124				
Surr: Toluene-d8	51		50.00		101	67	125				

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- C Calibration %RSD/%D exceeded for non-CCC analytes
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- LOD Limit of Detection
- LOQ Limit of Quantitation
- P >40% diff for detected conc between the two GC column
- PQL Practical Quantitation Limit



# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggett Brashears & Graham Inc.  
**Work Order:** 1108176  
**Project:** Rowe

**TestCode:** FE\_T

Sample ID: PBW-082511A	SampType: MBLK	TestCode: FE_T	Units: mg/L	Prep Date: 8/25/2011	RunNo: 59551
Client ID: PBW	Batch ID: 33067	TestNo: E200.7	SW3010A	Analysis Date: 8/25/2011	SeqNo: 836509
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
	U	0.0200			
				LowLimit	HighLimit
				RPD Ref Val	%RPD
				RPDLimit	Qual

Total Iron

Sample ID: LCSW-082511A	SampType: LCS	TestCode: FE_T	Units: mg/L	Prep Date: 8/25/2011	RunNo: 59551
Client ID: LCSW	Batch ID: 33067	TestNo: E200.7	SW3010A	Analysis Date: 8/25/2011	SeqNo: 836510
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
	2.01	0.0200	2.000	0	101
				80	120
				RPD Ref Val	%RPD
				RPDLimit	Qual

Total Iron

**Qualifiers:** B Analyte detected in the associated Method Blank    C Calibration %RSD/%D exceeded for non-CCC analytes    E Value above quantitation range  
 H Holding times for preparation or analysis exceeded    J Analyte detected below quantitation limits    LOD Limit of Detection  
 LOQ Limit of Quantitation    P >40% diff for detected conc between the two GC column    PQL Practical Quantitation Limit

# American Analytical Laboratories, LLC.

Date: 31-Aug-11

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1108176  
**Project:** Rowe

## ANALYTICAL QC SUMMARY REPORT

**TestCode:** 8260MTBE113\_W

Sample ID: 1108176-08AMSD	SampType: MSD	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59542
Client ID: GWQ82311:1155NP	Batch ID: R59542	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836285

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	44	1.0	50.00	0	87.5	32	122	47.02	7.18	20	
1,1,2,2-Tetrachloroethane	35	1.0	50.00	0	70.0	30	130	34.80	0.516	20	
1,1,2-Trichloroethane	39	1.0	50.00	0	78.7	42	136	40.77	3.49	20	
1,1-Dichloroethane	36	1.0	50.00	0	71.9	26	121	39.77	10.0	20	
1,1-Dichloroethene	39	1.0	50.00	0	78.1	29	118	43.65	11.1	20	
1,2-Dichlorobenzene	40	1.0	50.00	0	79.9	33	109	38.66	3.31	20	
1,2-Dichloroethane	44	1.0	50.00	0	87.3	26	120	48.26	10.1	20	
1,2-Dichloropropane	37	1.0	50.00	0	74.2	29	119	37.62	1.34	20	
1,3-Dichlorobenzene	39	1.0	50.00	0	78.8	35	111	38.73	1.74	20	
1,4-Dichlorobenzene	42	1.0	50.00	0	83.2	35	110	41.00	1.48	20	
Benzene	38	1.0	50.00	0	76.1	27	116	39.33	3.36	20	
Bromodichloromethane	41	1.0	50.00	0	81.5	32	110	41.09	0.880	20	
Bromoform	40	1.0	50.00	0	80.8	27	119	39.72	1.67	20	
Carbon tetrachloride	46	1.0	50.00	0	92.9	27	123	48.70	4.73	20	
Chlorobenzene	40	1.0	50.00	0	80.5	33	120	41.05	1.92	20	
Chloroethane	35	1.0	50.00	0	69.7	24	138	41.58	17.6	20	
Chloroform	42	1.0	50.00	0	84.0	29	128	44.58	5.98	20	
Chloromethane	16	1.0	50.00	0	31.2	20	118	28.87	59.8	20	RC
cis-1,3-Dichloropropene	38	1.0	50.00	0	75.5	27	110	37.68	0.159	20	
Dibromochloromethane	45	1.0	50.00	0	89.5	32	118	44.32	0.988	20	
Ethylbenzene	40	1.0	50.00	0	79.9	37	111	40.81	2.13	20	
Tetrachloroethene	40	1.0	50.00	0	80.3	20	125	41.09	2.36	20	
Toluene	39	1.0	50.00	0	78.4	30	120	40.43	3.14	20	
trans-1,2-Dichloroethene	37	1.0	50.00	0	74.5	27	115	38.92	4.36	20	
trans-1,3-Dichloropropene	39	1.0	50.00	0	77.9	20	123	38.24	1.89	20	
Trichloroethene	42	1.0	50.00	0	83.7	24	122	43.07	2.87	20	
Trichlorofluoromethane	37	1.0	50.00	0	73.4	30	129	41.46	12.2	20	
Vinyl chloride	32	1.0	50.00	0	63.7	20	141	35.18	9.97	20	
Surr: 4-Bromofluorobenzene	45		50.00		89.5	63	123		0	0	
Surr: Dibromofluoromethane	54		50.00		107	68	124		0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
LOQ Limit of Quantitation  
C Calibration %RSD/%D exceeded for non-CCC analytes  
J Analyte detected below quantitation limits  
P >40% diff for detected conc between the two GC column  
E Value above quantitation range  
LOD Limit of Detection  
PQL Practical Quantitation Limit

CLIENT: Leggett Brashears & Graham Inc.  
 Work Order: 1108176  
 Project: Rowe

# ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113\_W

Sample ID: 1108176-08AMSD	SampType: MSD	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59542						
Client ID: GWQ82311:1155NP	Batch ID: R59542	TestNo: SW8250C		Analysis Date: 8/25/2011	SeqNo: 836285						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	49		50.00		98.5	67	125		0	0	

Sample ID: 1108176-08AMS	SampType: MS	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59542						
Client ID: GWQ82311:1155NP	Batch ID: R59542A	TestNo: SW8250C		Analysis Date: 8/25/2011	SeqNo: 836292						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	47	1.0	50.00	0	94.0	32	122				
1,1,2,2-Tetrachloroethane	35	1.0	50.00	0	69.6	30	130				
1,1,2-Trichloroethane	41	1.0	50.00	0	81.5	42	136				
1,1-Dichloroethane	40	1.0	50.00	0	79.5	26	121				
1,1-Dichloroethene	44	1.0	50.00	0	87.3	29	118				
1,2-Dichlorobenzene	39	1.0	50.00	0	77.3	33	109				
1,2-Dichloroethane	48	1.0	50.00	0	96.5	26	120				
1,2-Dichloropropane	38	1.0	50.00	0	75.2	29	119				
1,3-Dichlorobenzene	39	1.0	50.00	0	77.5	35	111				
1,4-Dichlorobenzene	41	1.0	50.00	0	82.0	35	110				
Benzene	39	1.0	50.00	0	78.7	27	116				
Bromodichloromethane	41	1.0	50.00	0	82.2	32	110				
Bromoform	40	1.0	50.00	0	79.4	27	119				
Bromomethane	29	1.0	50.00	0	57.4	30	120				
Carbon tetrachloride	49	1.0	50.00	0	97.4	27	123				
Chlorobenzene	41	1.0	50.00	0	82.1	33	120				
Chloroethane	42	1.0	50.00	0	83.2	24	138				C
Chloroform	45	1.0	50.00	0	89.2	29	128				
Chloromethane	29	1.0	50.00	0	57.7	20	118				
cis-1,3-Dichloropropene	38	1.0	50.00	0	75.4	27	110				
Dibromochloromethane	44	1.0	50.00	0	88.6	32	118				
Ethylbenzene	41	1.0	50.00	0	81.6	37	111				
Tetrachloroethene	41	1.0	50.00	0	82.2	20	125				
Toluene	40	1.0	50.00	0	80.9	30	120				
trans-1,2-Dichloroethene	39	1.0	50.00	0	77.8	27	115				

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 LOQ Limit of Quantitation  
 C Calibration %RSD/%d exceeded for non-CCC analytes  
 J Analyte detected below quantitation limits  
 P >40% diff for detected conc between the two GC column  
 E Value above quantitation range  
 LOD Limit of Detection  
 PQL Practical Quantitation Limit

CLIENT: Leggette Brashears & Graham Inc.  
 Work Order: 1108176  
 Project: Rowe

# ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113\_W

Sample ID: 1108176-08AMS	SampType: MS	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59542
Client ID: GWQ82311:1155NP	Batch ID: R59542A	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836292

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	38	1.0	50.00	0	76.5	20	123				
Trichloroethene	43	1.0	50.00	0	86.1	24	122				
Trichlorofluoromethane	41	1.0	50.00	0	82.9	30	129				
Vinyl chloride	35	1.0	50.00	0	70.4	20	141				
Surr: 4-Bromofluorobenzene	46		50.00		91.5	63	123				
Surr: Dibromofluoromethane	56		50.00		112	68	124				
Surr: Toluene-d8	49		50.00		98.1	67	125				

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 LOQ Limit of Quantitation  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 J Analyte detected below quantitation limits  
 P >40% diff for detected conc between the two GC column  
 E Value above quantitation range  
 LOD Limit of Detection  
 PQL Practical Quantitation Limit

CLIENT: Leggette Brashears & Graham Inc.  
 Work Order: 1108176  
 Project: Rowe

# ANALYTICAL QC SUMMARY REPORT

TestCode: FE\_T

Sample ID: 1108176-08B-MS	SampType: MS	TestCode: FE_T	Units: mg/L	Prep Date: 8/25/2011	RunNo: 59551						
Client ID: GWQ82311:1155NP	Batch ID: 33066	TestNo: E200.7	SW3005A	Analysis Date: 8/25/2011	SeqNo: 836545						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Iron	6.10	0.0200	1.000	5.340	76.4	75	125				

Sample ID: 1108176-08BSD	SampType: MSD	TestCode: FE_T	Units: mg/L	Prep Date: 8/25/2011	RunNo: 59551						
Client ID: GWQ82311:1155NP	Batch ID: 33066	TestNo: E200.7	SW3005A	Analysis Date: 8/25/2011	SeqNo: 836546						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Iron	6.09	0.0200	1.000	5.340	74.7	75	125	6.104	0.279	20	S

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

Wednesday, August 31, 2011

Mark Goldberg  
Leggette Brashears & Graham Inc.  
4 Research Drive  
Suite 301  
Shelton, CT 06484

TEL: (203) 929-8555

FAX (203) 926-9140

RE: Rowe

Order No.: 1108157

Dear Mark Goldberg:

American Analytical Laboratories, LLC. received 4 sample(s) on 8/23/2011 for the analyses presented in the following report.

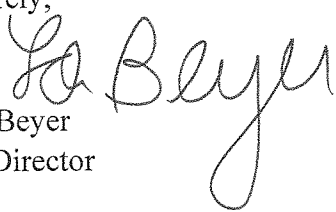
Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report or the data is qualified. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. This report consists of 20 pages.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at [lbeyer@american-analytical.com](mailto:lbeyer@american-analytical.com).

Sincerely,

  
Lori Beyer  
Lab Director

---

**CLIENT:** Leggette Brashears & Graham Inc.  
**Project:** Rowe  
**Lab Order:** 1108157

**Work Order Sample Summary**

---

Lab Sample ID	Client Sample ID	Date Collected	Date Received
1108157-01A	WQ81811:1405FRW-1	8/18/2011 2:05:00 PM	8/23/2011
1108157-02A	WQ81811:1410FRW-2	8/18/2011 2:10:00 PM	8/23/2011
1108157-03A	WQ81811:1415FRW-3	8/18/2011 2:15:00 PM	8/23/2011
1108157-04A	WQ81811:1420FRW-4	8/18/2011 2:20:00 PM	8/23/2011



56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735  
 (631) 454-6100 • FAX (631) 454-8027  
 www.american-analytical.com

NYSDOH 11418  
 CTDOH PH-0205  
 NJDEP NY050  
 PADEP 68-573

# CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: *LBG*  
*4 Research Dr. Suite 301*  
*Shelton, CT 06484*

CONTACT: *M. Goldberg*

SAMPLER (SIGNATURE): *[Signature]*

SAMPLER NAME (PRINT): *STEPHEN ANAT*

SAMPLE(S) SEALED: **YES/NO** *(YES)*

CORRECT CONTAINER(S): **YES/NO** *(YES)*

TEMPERATURE (°C): *4.1*

PROJECT LOCATION: *Rowe*

LABORATORY ID# LAB USE ONLY	MATRIX/ TYPE	NO. OF CONTAINERS	SAMPLING DATE	SAMPLING TIME	SAMPLE # - LOCATION	ANALYSIS REQUIRED	STAT	BY	DATE	TIME	PRINTED NAME	DATE	TIME	PRINTED NAME
<i>1105159011</i>	<i>W/G</i>	<i>2</i>	<i>8/18/11</i>	<i>1405</i>	<i>W081811:1405PRE-1</i>	<i>X</i>								
<i>1105159011</i>	<i>W/G</i>	<i>1</i>	<i>1410</i>		<i>W081811:1410PRE-2</i>	<i>X</i>								
<i>1105159011</i>	<i>W/G</i>	<i>1</i>	<i>1415</i>		<i>W081811:1415PRE-3</i>	<i>X</i>								
<i>1105159011</i>	<i>W/G</i>	<i>1</i>	<i>1420</i>		<i>W081811:1420PRE-4</i>	<i>X</i>								

COMMENTS / INSTRUCTIONS: **Samples must be on ICE (<6° C)**

MATRIX: S=SOIL; W=WATER; SL=SLUDGE; A=AIR; M=MISCELLANEOUS

TYPE: G=GRAB; C=COMPOSITE

TURNAROUND REQUIRED:  STANDARD (7-10 business days) STAT  BY / /

E-MAIL ADDRESS FOR RESULTS: *Mgoldberg@labct.com*

RELINQUISHED BY (SIGNATURE): *[Signature]* DATE: *8/22/11* TIME: *11-* PRINTED NAME: *[Blank]*

RECEIVED BY LAB (SIGNATURE): *[Signature]* DATE: *8/23/11* TIME: *0947* PRINTED NAME: *Ant Ferraro*

RECEIVED BY LAB (SIGNATURE): *[Signature]* DATE: *[Blank]* TIME: *[Blank]* PRINTED NAME: *[Blank]*

American Analytical Laboratories, LLC.

Sample Receipt Checklist

Client Name LBG CT

Date and Time Receive 8/23/2011 10:01:01 AM

Work Order Numbe 1108157

RcptNo: 1

Received by CF

COC\_ID:

CoolerID:

Checklist completed by

Signature: *Chenara* Date: 8/23/11

Reviewed by

Initials: *JOB* Date: 8/23/11

Matrix:

Carrier name FedEx

- Shipping container/cooler in good condition? Yes  No  Not Present
- Custody seals intact on shipping container/cooler? Yes  No  Not Present
- Custody seals intact on sample bottles? Yes  No  Not Present
- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Samples in proper container/bottle? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No
- All samples received within holding time? Yes  No
- Container/Temp Blank temperature in compliance? Yes  No
- Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No
- Water - pH acceptable upon receipt? Yes  No  N/A

Adjusted? \_\_\_\_\_ Checked b \_\_\_\_\_

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments:

Corrective Action \_\_\_\_\_

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ81811:1405FRW-1
<b>Lab Order:</b>	1108157	<b>Collection Date:</b>	8/18/2011 2:05:00 PM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108157-01A		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>			<b>Analyst: LA</b>	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0	C	µg/L	1	8/25/2011 4:43:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0	C	µg/L	1	8/25/2011 4:43:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
2,2-Dichloropropane	U	0.5	1.0	C	µg/L	1	8/25/2011 4:43:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/25/2011 4:43:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/25/2011 4:43:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/25/2011 4:43:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/25/2011 4:43:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/25/2011 4:43:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM

American Analytical Laboratories, LLC., 56 Toledo Street, Farmingdale, NY, Zip - 11735  
 Tel - 6314546100 Fax - 6314548027 www.American-Analytical.com



<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108157  
 Project: Rowe  
 Lab ID: 1108157-01A

Client Sample ID: WQ81811:1405FRW-1  
 Collection Date: 8/18/2011 2:05:00 PM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
cis-1,2-Dichloroethene	5.4	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/25/2011 4:43:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Naphthalene	U	0.5	1.0	C	µg/L	1	8/25/2011 4:43:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Tetrachloroethene	22	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Trichloroethene	1.2	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM

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Qualifiers:	B Analyte detected in the associated Method Blank	C Calibration %RSD/%D exceeded for non-CCC analytes
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	LOD Limit of Detection
	LOQ Limit of Quantitation	P >40% diff for detected conc between the two GC columns
	PQL Practical Quantitation Limit	S Spike Recovery outside accepted recovery limits
	U Indicates the compound was analyzed but not detected.	

**American Analytical Laboratories, LLC.**

Date: 31-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108157  
 Project: Rowe  
 Lab ID: 1108157-01A

Client Sample ID: WQ81811:1405FRW-1  
 Collection Date: 8/18/2011 2:05:00 PM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>				Analyst: LA
Vinyl acetate	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/25/2011 4:43:00 PM
Surr: 4-Bromofluorobenzene	111	0	63-123		%REC	1	8/25/2011 4:43:00 PM
Surr: Dibromofluoromethane	101	0	68-124		%REC	1	8/25/2011 4:43:00 PM
Surr: Toluene-d8	97.1	0	67-125		%REC	1	8/25/2011 4:43:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108157  
 Project: Rowe  
 Lab ID: 1108157-02A

Client Sample ID: WQ81811:1410FRW-2  
 Collection Date: 8/18/2011 2:10:00 PM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0	C	µg/L	1	8/25/2011 5:07:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0	C	µg/L	1	8/25/2011 5:07:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
2,2-Dichloropropane	U	0.5	1.0	C	µg/L	1	8/25/2011 5:07:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/25/2011 5:07:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/25/2011 5:07:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/25/2011 5:07:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/25/2011 5:07:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/25/2011 5:07:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM

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<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	C Calibration %RSD/%D exceeded for non-CCC analytes
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	LOD Limit of Detection
	LOQ Limit of Quantitation	P >40% diff for detected conc between the two GC columns
	PQL Practical Quantitation Limit	S Spike Recovery outside accepted recovery limits
	U Indicates the compound was analyzed but not detected.	

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108157  
 Project: Rowe  
 Lab ID: 1108157-02A

Client Sample ID: WQ81811:1410FRW-2  
 Collection Date: 8/18/2011 2:10:00 PM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
cis-1,2-Dichloroethene	7.8	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/25/2011 5:07:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Naphthalene	U	0.5	1.0	C	µg/L	1	8/25/2011 5:07:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Tetrachloroethene	7.5	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Trichloroethene	1.4	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 31-Aug-11

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ81811:1410FRW-2
<b>Lab Order:</b>	1108157	<b>Collection Date:</b>	8/18/2011 2:10:00 PM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108157-02A		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>				<b>Analyst: LA</b>
Vinyl acetate	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/25/2011 5:07:00 PM
Surr: 4-Bromofluorobenzene	102	0	63-123		%REC	1	8/25/2011 5:07:00 PM
Surr: Dibromofluoromethane	102	0	68-124		%REC	1	8/25/2011 5:07:00 PM
Surr: Toluene-d8	96.9	0	67-125		%REC	1	8/25/2011 5:07:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: 31-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108157  
 Project: Rowe  
 Lab ID: 1108157-03A

Client Sample ID: WQ81811:1415FRW-3  
 Collection Date: 8/18/2011 2:15:00 PM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0	C	µg/L	1	8/25/2011 5:30:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0	C	µg/L	1	8/25/2011 5:30:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
2,2-Dichloropropane	U	0.5	1.0	C	µg/L	1	8/25/2011 5:30:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/25/2011 5:30:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/25/2011 5:30:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/25/2011 5:30:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/25/2011 5:30:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/25/2011 5:30:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM

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<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	C Calibration %RSD/%D exceeded for non-CCC analytes
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	LOD Limit of Detection
	LOQ Limit of Quantitation	P >40% diff for detected conc between the two GC columns
	PQL Practical Quantitation Limit	S Spike Recovery outside accepted recovery limits
	U Indicates the compound was analyzed but not detected.	

**American Analytical Laboratories, LLC.**

Date: 31-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108157  
 Project: Rowe  
 Lab ID: 1108157-03A

Client Sample ID: WQ81811:1415FRW-3  
 Collection Date: 8/18/2011 2:15:00 PM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
cis-1,2-Dichloroethene	7.3	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/25/2011 5:30:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Naphthalene	U	0.5	1.0	C	µg/L	1	8/25/2011 5:30:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Tetrachloroethene	11	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Trichloroethene	1.8	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM

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<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	C Calibration %RSD/%D exceeded for non-CCC analytes
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	LOD Limit of Detection
	LOQ Limit of Quantitation	P >40% diff for detected conc between the two GC columns
	PQL Practical Quantitation Limit	S Spike Recovery outside accepted recovery limits
	U Indicates the compound was analyzed but not detected.	

**American Analytical Laboratories, LLC.**

Date: 31-Aug-11

ELAP ID : 11418

<b>CLIENT:</b>	Leggette Brashears & Graham Inc.	<b>Client Sample ID:</b>	WQ81811:1415FRW-3
<b>Lab Order:</b>	1108157	<b>Collection Date:</b>	8/18/2011 2:15:00 PM
<b>Project:</b>	Rowe	<b>Matrix:</b>	LIQUID
<b>Lab ID:</b>	1108157-03A		

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>				Analyst: LA
Vinyl acetate	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/25/2011 5:30:00 PM
Surr: 4-Bromofluorobenzene	103	0	63-123		%REC	1	8/25/2011 5:30:00 PM
Surr: Dibromofluoromethane	99.7	0	68-124		%REC	1	8/25/2011 5:30:00 PM
Surr: Toluene-d8	97.3	0	67-125		%REC	1	8/25/2011 5:30:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 31-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108157  
 Project: Rowe  
 Lab ID: 1108157-04A

Client Sample ID: WQ81811:1420FRW-4  
 Collection Date: 8/18/2011 2:20:00 PM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>			<b>Analyst: LA</b>	
1,1,1,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0	C	µg/L	1	8/25/2011 5:53:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0	C	µg/L	1	8/25/2011 5:53:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
2,2-Dichloropropane	U	0.5	1.0	C	µg/L	1	8/25/2011 5:53:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	8/25/2011 5:53:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	8/25/2011 5:53:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	8/25/2011 5:53:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	8/25/2011 5:53:00 PM
Acetone	U	1.2	2.5		µg/L	1	8/25/2011 5:53:00 PM
Benzene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM

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<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	C Calibration %RSD/%D exceeded for non-CCC analytes
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	LOD Limit of Detection
	LOQ Limit of Quantitation	P >40% diff for detected conc between the two GC columns
	PQL Practical Quantitation Limit	S Spike Recovery outside accepted recovery limits
	U Indicates the compound was analyzed but not detected.	

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108157  
 Project: Rowe  
 Lab ID: 1108157-04A

Client Sample ID: WQ81811:1420FRW-4  
 Collection Date: 8/18/2011 2:20:00 PM  
 Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Bromodichloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Bromoform	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Chloroform	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
cis-1,2-Dichloroethene	1.0	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	8/25/2011 5:53:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Naphthalene	U	0.5	1.0	C	µg/L	1	8/25/2011 5:53:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Styrene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Tetrachloroethene	2.8	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Toluene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
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	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

**American Analytical Laboratories, LLC.**

Date: 31-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.  
 Lab Order: 1108157  
 Project: Rowe  
 Lab ID: 1108157-04A

Client Sample ID: WQ81811:1420FRW-4  
 Collection Date: 8/18/2011 2:20:00 PM  
 Matrix: LIQUID

**Certificate of Results**

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
<b>VOC</b>			<b>SW8260C</b>			<b>Analyst: LA</b>	
Vinyl acetate	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	8/25/2011 5:53:00 PM
Surr: 4-Bromofluorobenzene	104	0	63-123		%REC	1	8/25/2011 5:53:00 PM
Surr: Dibromofluoromethane	96.1	0	68-124		%REC	1	8/25/2011 5:53:00 PM
Surr: Toluene-d8	97.8	0	67-125		%REC	1	8/25/2011 5:53:00 PM

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<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	C	Calibration %RSD/%D exceeded for non-CCC analytes
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	LOD	Limit of Detection
	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	PQL	Practical Quantitation Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed but not detected.		

CLIENT: Leggette Brashears & Graham Inc.

Work Order: 1108157

Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113\_W

Sample ID: V624LCS-082511LW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/25/2011	RunNo: 59536
Client ID: LCSW	Batch ID: R59536	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836228

Analyte	Result	PQL	SPK value	SPK Ref Val	Units: µg/L	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	46	1.0	50.00	0	0	93.0	38	136				
1,1,2,2-Tetrachloroethane	43	1.0	50.00	0	0	86.9	50	124				
1,1,2-Trichloroethane	42	1.0	50.00	0	0	83.2	52	128				
1,1-Dichloroethane	45	1.0	50.00	0	0	89.6	55	123				
1,1-Dichloroethene	44	1.0	50.00	0	0	88.5	48	128				
1,2-Dichlorobenzene	41	1.0	50.00	0	0	81.3	59	123				
1,2-Dichloroethane	43	1.0	50.00	0	0	85.3	52	129				
1,2-Dichloropropane	45	1.0	50.00	0	0	89.2	58	124				
1,3-Dichlorobenzene	42	1.0	50.00	0	0	84.9	51	124				
1,4-Dichlorobenzene	40	1.0	50.00	0	0	79.7	54	128				
2-Chloroethyl vinyl ether	45	2.0	50.00	0	0	90.0	25	141				
Benzene	43	1.0	50.00	0	0	85.2	53	131				
Bromodichloromethane	42	1.0	50.00	0	0	84.6	54	126				
Bromoform	43	1.0	50.00	0	0	86.7	53	127				
Bromomethane	28	1.0	50.00	0	0	55.6	42	150				
Carbon tetrachloride	47	1.0	50.00	0	0	93.9	46	135				
Chlorobenzene	41	1.0	50.00	0	0	81.6	53	121				
Chloroethane	36	1.0	50.00	0	0	72.1	40	145				
Chloroform	46	1.0	50.00	0	0	92.4	41	135				
Chloromethane	34	1.0	50.00	0	0	68.9	32	149				
Dibromochloromethane	43	1.0	50.00	0	0	86.4	42	124				
Ethylbenzene	42	1.0	50.00	0	0	83.1	52	135				
Tetrachloroethene	37	1.0	50.00	0	0	74.1	26	126				
Toluene	43	1.0	50.00	0	0	85.3	51	130				
trans-1,2-Dichloroethene	43	1.0	50.00	0	0	85.1	49	125				
trans-1,3-Dichloropropene	42	1.0	50.00	0	0	84.3	43	125				
Trichloroethene	45	1.0	50.00	0	0	90.9	47	127				
Trichlorofluoromethane	43	1.0	50.00	0	0	85.6	50	152				
Vinyl chloride	45	1.0	50.00	0	0	89.0	50	149				
Surr: 4-Bromofluorobenzene	51		50.00			102	63	123				

Qualifiers: B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 LOQ Limit of Quantitation

C Calibration %RSD/%D exceeded for non-CCC analytes  
 J Analyte detected below quantitation limits  
 P >40% diff for detected conc between the two GC column

E Value above quantitation range  
 LOD Limit of Detection  
 PQL Practical Quantitation Limit

**CLIENT:** Leggett Brashears & Graham Inc.  
**Work Order:** 1108157  
**Project:** Rowe

# ANALYTICAL QC SUMMARY REPORT

**TestCode: 8260MTBE113\_W**

Sample ID: V624LCS-082511LW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L
Client ID: LCSW	Batch ID: R59536	Prep Date: 8/25/2011	RunNo: 59536
		Analysis Date: 8/25/2011	SeqNo: 836228
Analyte	Result	PQL	SPK value
		SPK Ref Val	SPK Ref Val
		%REC	LowLimit
		HighLimit	RPD Ref Val
		%RPD	RPDLimit
		Qual	Qual

Surr: Dibromofluoromethane	50	50.00	99.9	68	124
Surr: Toluene-d8	51	50.00	101	67	125

Sample ID: VBLK-082511LW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L
Client ID: PBW	Batch ID: R59536	Prep Date: 8/25/2011	RunNo: 59536
		Analysis Date: 8/25/2011	SeqNo: 836229
Analyte	Result	PQL	SPK value
		SPK Ref Val	SPK Ref Val
		%REC	LowLimit
		HighLimit	RPD Ref Val
		%RPD	RPDLimit
		Qual	Qual

1,1,1,2-Tetrachloroethane	U	1.0	1.0	1.0	1.0
1,1,1-Trichloroethane	U	1.0			
1,1,2,2-Tetrachloroethane	U	1.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0			
1,1,2-Trichloroethane	U	1.0			
1,1-Dichloroethane	U	1.0			
1,1-Dichloroethene	U	1.0			
1,1-Dichloropropene	U	1.0			
1,2,3-Trichlorobenzene	U	1.0			C
1,2,3-Trichloropropane	U	1.0			
1,2,4-Trichlorobenzene	U	1.0			
1,2,4-Trimethylbenzene	U	1.0			
1,2-Dibromo-3-chloropropane	U	2.0			C
1,2-Dibromoethane	U	1.0			
1,2-Dichlorobenzene	U	1.0			
1,2-Dichloroethane	U	1.0			
1,2-Dichloropropane	U	1.0			
1,3,5-Trimethylbenzene	U	1.0			
1,3-Dichlorobenzene	U	1.0			
1,3-dichloropropane	U	1.0			
1,4-Dichlorobenzene	U	1.0			
2,2-Dichloropropane	U	1.0			
2-Butanone	U	2.5			
2-Chloroethyl vinyl ether	U	2.0			

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
LOQ Limit of Quantitation  
C Calibration %RSD/%D exceeded for non-CCC analytes  
J Analyte detected below quantitation limits  
P >40% diff for detected conc between the two GC column  
E Value above quantitation range  
LOD Limit of Detection  
PQL Practical Quantitation Limit

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1108157  
**Project:** Rowe

**TestCode:** 8260MTBE113\_W

Sample ID: VBLK-082511LW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/25/2011	RunNo: 59536						
Client ID: PBW	Batch ID: R59536	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836229						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

2-Chlorotoluene	U	1.0									
2-Hexanone	U	2.5									
4-Chlorotoluene	U	1.0									
4-Isopropyltoluene	U	1.0									
4-Methyl-2-pentanone	U	2.5									
Acetone	U	2.5									
Benzene	U	1.0									
Bromobenzene	U	1.0									
Bromochloromethane	U	1.0									
Bromodichloromethane	U	1.0									
Bromoform	U	1.0									
Bromomethane	U	1.0									
Carbon disulfide	U	1.0									
Carbon tetrachloride	U	1.0									
Chlorobenzene	U	1.0									
Chloroethane	U	1.0									
Chloroform	U	1.0									
Chloromethane	U	1.0									
cis-1,2-Dichloroethene	U	1.0									
cis-1,3-Dichloropropene	U	1.0									
Dibromochloromethane	U	1.0									
Dibromomethane	U	1.0									
Dichlorodifluoromethane	U	1.0									
Ethylbenzene	U	1.0									
Hexachlorobutadiene	U	1.0									
Isopropylbenzene	U	1.0									
m,p-Xylene	U	2.0									
Methyl tert-butyl ether	U	1.0									
Methylene chloride	U	1.0									
Naphthalene	U	1.0									
n-Butylbenzene	U	1.0									C

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

**CLIENT:** Leggette Brashears & Graham Inc.  
**Work Order:** 1108157  
**Project:** Rowe

# ANALYTICAL QC SUMMARY REPORT

**TestCode:** 8260MTBE113\_W

Sample ID: VBLK-082511LW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 8/25/2011	RunNo: 59536
Client ID: PBW	Batch ID: R59536	TestNo: SW8260C		Analysis Date: 8/25/2011	SeqNo: 836229

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Propylbenzene	U	1.0									
o-Xylene	U	1.0									
sec-Butylbenzene	U	1.0									
Styrene	U	1.0									
tert-Butylbenzene	U	1.0									
Tetrachloroethene	U	1.0									
Toluene	U	1.0									
trans-1,2-Dichloroethene	U	1.0									
trans-1,3-Dichloropropene	U	1.0									
Trichloroethene	U	1.0									
Trichlorofluoromethane	U	1.0									
Vinyl acetate	U	1.0									
Vinyl chloride	U	1.0									
Surr: 4-Bromofluorobenzene	53		50.00		105	63		123			
Surr: Dibromofluoromethane	48		50.00		96.9	68		124			
Surr: Toluene-d8	49		50.00		98.0	67		125			

**Qualifiers:** B Analyte detected in the associated Method Blank  
 C Calibration %RSD/%D exceeded for non-CCC analytes  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 LOD Limit of Detection  
 LOQ Limit of Quantitation  
 P >40% diff for detected conc between the two GC column  
 PQL Practical Quantitation Limit

**APPENDIX III**  
**AUGUST 2011 LABORATORY ANALYTICAL REPORTS**  
**FOR AIR SAMPLES**

<b>H1I010442 Analytical Report .....</b>	<b>1</b>
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# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

## ANALYTICAL REPORT

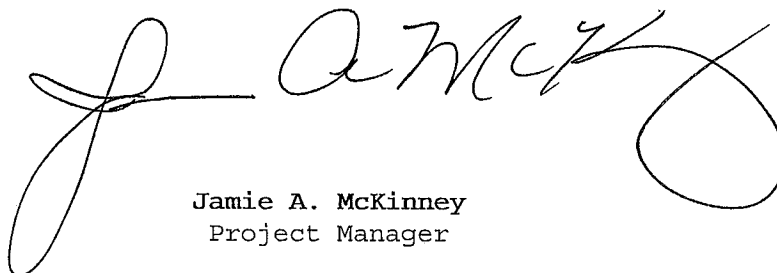
Rowe-NABSAG 0401

Lot #: H1I010442

Mark Goldberg

Leggette, Brashears & Graham,  
4 Research Drive  
Suite #301  
Shelton, CT 06484

TESTAMERICA LABORATORIES, INC.



Jamie A. McKinney  
Project Manager

September 11, 2011

# ANALYTICAL METHODS SUMMARY

HLI010442

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
Volatile Organics by TO15	EPA-2 TO-15

## References:

EPA-2 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA-625/R-96/010b, January 1999.

## SAMPLE SUMMARY

H1I010442

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
ML653	001	AQ83011:1200NP4-1	08/30/11	12:00
ML654	002	AQ83011:1205NP4-2	08/30/11	12:05
ML655	003	AQ83011:1210NP4-3	08/30/11	12:10

**NOTE (S) :**

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

## PROJECT NARRATIVE

### H11010442

The results reported herein are applicable to the samples submitted for analysis only. If you have any questions about this report, please call (865) 291-3000 to speak with the TestAmerica project manager listed on the cover page.

This report shall not be reproduced except in full, without the written approval of the laboratory.

**The original chain of custody documentation is included with this report.**

#### **Sample Receipt**

There were no problems with the condition of the samples received.

#### **Quality Control and Data Interpretation**

Unless otherwise noted, all holding times and QC criteria were met and the test results shown in this report meet all applicable NELAC requirements.

EPA methods TO-14A and TO-15 specify the use of humidified "zero air" as the blank reagent for canister cleaning, instrument calibration and sample analysis. Ultra-high purity humidified nitrogen from a cryogenic reservoir is used in place of "zero air" by TestAmerica Knoxville.

The samples were received on 9/1/11 in Tedlar bags and analyzed within 72 hours of sampling.

## CERTIFICATION SUMMARY

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Knoxville	ACLASS	DoD ELAP		ADE-1434
TestAmerica Knoxville	Arkansas	State Program	6	88-0688
TestAmerica Knoxville	California	State Program	9	2423
TestAmerica Knoxville	Colorado	State Program	8	N/A
TestAmerica Knoxville	Connecticut	State Program	1	PH-0223
TestAmerica Knoxville	Florida	NELAC	4	E87177
TestAmerica Knoxville	Georgia	State Program	4	906
TestAmerica Knoxville	Hawaii	State Program	9	N/A
TestAmerica Knoxville	Indiana	State Program	5	C-TN-02
TestAmerica Knoxville	Iowa	State Program	7	375
TestAmerica Knoxville	Kansas	NELAC	7	E-10349
TestAmerica Knoxville	Kentucky	State Program	4	90101
TestAmerica Knoxville	Louisiana	NELAC	6	LA110001
TestAmerica Knoxville	Louisiana	NELAC	6	83979
TestAmerica Knoxville	Maryland	State Program	3	277
TestAmerica Knoxville	Michigan	State Program	5	9933
TestAmerica Knoxville	Minnesota	NELAC	5	047-999-429
TestAmerica Knoxville	Nevada	State Program	9	TN00009
TestAmerica Knoxville	New Jersey	NELAC	2	TN001
TestAmerica Knoxville	New York	NELAC	2	10781
TestAmerica Knoxville	North Carolina	North Carolina DENR	4	64
TestAmerica Knoxville	North Carolina	North Carolina PHL	4	21705
TestAmerica Knoxville	Ohio	OVAP	5	CL0059
TestAmerica Knoxville	Oklahoma	State Program	6	9415
TestAmerica Knoxville	Pennsylvania	NELAC	3	68-00576
TestAmerica Knoxville	South Carolina	State Program	4	84001
TestAmerica Knoxville	Tennessee	State Program	4	2014
TestAmerica Knoxville	Texas	NELAC	6	T104704380-TX
TestAmerica Knoxville	USDA	USDA		P330-11-00035
TestAmerica Knoxville	Utah	NELAC	8	QUAN3
TestAmerica Knoxville	Virginia	State Program	3	165
TestAmerica Knoxville	Washington	State Program	10	C593
TestAmerica Knoxville	West Virginia	West Virginia DEP	3	345
TestAmerica Knoxville	West Virginia	West Virginia DHHR (DW)	3	9955C
TestAmerica Knoxville	Wisconsin	State Program	5	998044300

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

# Sample Data Summary

## Leggette, Brashears &amp; Graham, Inc.

Client Sample ID: AQ83011:1200NP4-1

## GC/MS Volatiles

Lot-Sample # H11010442 - 001      Work Order # ML6531AA      Matrix.....: AIR

Date Sampled...: 08/30/2011      Date Received...: 09/01/2011

Prep Date.....: 09/01/2011      Analysis Date...: 09/01/2011

Prep Batch #.....: 1245036

Dilution Factor.: 5      Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Benzene	0.36 J	1.0	1.2 J	3.2
Bromodichloromethane	ND	1.0	ND	6.7
Bromoform	ND	1.0	ND	10
Bromomethane	ND	1.0	ND	3.9
Carbon disulfide	0.59 J	2.5	1.8 J	7.8
Carbon tetrachloride	ND	1.0	ND	6.3
Chlorobenzene	ND	1.0	ND	4.6
Dibromochloromethane	ND	1.0	ND	8.5
Chloroethane	ND	1.0	ND	2.6
Chloroform	0.52 J	1.0	2.6 J	4.9
Chloromethane	0.81 J	2.5	1.7 J	5.2
1,1-Dichloroethane	0.50 J	1.0	2.0 J	4.0
1,2-Dichloroethane	ND	1.0	ND	4.0
cis-1,2-Dichloroethene	ND	1.0	ND	4.0
trans-1,2-Dichloroethene	ND	1.0	ND	4.0
1,1-Dichloroethene	ND	1.0	ND	4.0
1,2-Dichloropropane	ND	1.0	ND	4.6
cis-1,3-Dichloropropene	ND	1.0	ND	4.5
trans-1,3-Dichloropropene	ND	1.0	ND	4.5
Ethylbenzene	ND	1.0	ND	4.3
Methylene chloride	2.4 J B	2.5	8.3 J B	8.7
Styrene	0.78 J	1.0	3.3 J	4.3
1,1,2,2-Tetrachloroethane	ND	1.0	ND	6.9
Tetrachloroethene	2.3	1.0	16	6.8
Toluene	3.7	1.0	14	3.8
1,1,1-Trichloroethane	0.90 J	1.0	4.9 J	5.5
1,1,2-Trichloroethane	ND	1.0	ND	5.5
Trichloroethene	0.38 J	1.0	2.0 J	5.4
Vinyl chloride	ND	1.0	ND	2.6
m-Xylene & p-Xylene	0.63 J	1.0	2.7 J	4.3
o-Xylene	ND	1.0	ND	4.3

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	99	60 - 140

Leggette, Brashears & Graham, Inc.  
Client Sample ID: AQ83011:1200NP4-1  
GC/MS Volatiles

Lot-Sample # H11010442 - 001      Work Order # ML6531AA      Matrix.....: AIR

Qualifiers

B                    Method blank contamination. The associated method blank contains the target analyte at a reportable level.  
J                    Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)\*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) \* Dilution Factor) \* (Molecular Weight/24.45)

## Leggette, Brashears &amp; Graham, Inc.

Client Sample ID: AQ83011:1205NP4-2

## GC/MS Volatiles

Lot-Sample # H1I010442 - 002      Work Order # ML6541AA      Matrix.....: AIR

Date Sampled...: 08/30/2011      Date Received...: 09/01/2011

Prep Date.....: 09/01/2011      Analysis Date... 09/01/2011

Prep Batch #.....: 1245036

Dilution Factor.: 5      Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Benzene	0.46 J	1.0	1.5 J	3.2
Bromodichloromethane	ND	1.0	ND	6.7
Bromoform	ND	1.0	ND	10
Bromomethane	ND	1.0	ND	3.9
Carbon disulfide	0.50 J	2.5	1.5 J	7.8
Carbon tetrachloride	ND	1.0	ND	6.3
Chlorobenzene	ND	1.0	ND	4.6
Dibromochloromethane	ND	1.0	ND	8.5
Chloroethane	ND	1.0	ND	2.6
Chloroform	ND	1.0	ND	4.9
Chloromethane	ND	2.5	ND	5.2
1,1-Dichloroethane	0.22 J	1.0	0.90 J	4.0
1,2-Dichloroethane	ND	1.0	ND	4.0
cis-1,2-Dichloroethene	ND	1.0	ND	4.0
trans-1,2-Dichloroethene	ND	1.0	ND	4.0
1,1-Dichloroethene	ND	1.0	ND	4.0
1,2-Dichloropropane	ND	1.0	ND	4.6
cis-1,3-Dichloropropene	ND	1.0	ND	4.5
trans-1,3-Dichloropropene	ND	1.0	ND	4.5
Ethylbenzene	ND	1.0	ND	4.3
Methylene chloride	1.5 J B	2.5	5.1 J B	8.7
Styrene	0.56 J	1.0	2.4 J	4.3
1,1,2,2-Tetrachloroethane	ND	1.0	ND	6.9
Tetrachloroethene	16	1.0	110	6.8
Toluene	2.1	1.0	7.9	3.8
1,1,1-Trichloroethane	2.0	1.0	11	5.5
1,1,2-Trichloroethane	ND	1.0	ND	5.5
Trichloroethene	2.3	1.0	13	5.4
Vinyl chloride	ND	1.0	ND	2.6
m-Xylene & p-Xylene	ND	1.0	ND	4.3
o-Xylene	ND	1.0	ND	4.3

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	101	60 - 140

Leggette, Brashears & Graham, Inc.  
Client Sample ID: AQ83011:1205NP4-2  
GC/MS Volatiles

Lot-Sample # H11010442 - 002      Work Order # ML6541AA      Matrix.....: AIR

Qualifiers

B      Method blank contamination. The associated method blank contains the target analyte at a reportable level.  
J      Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)\*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) \* Dilution Factor) \* (Molecular Weight/24.45)

## Leggette, Brashears &amp; Graham, Inc.

Client Sample ID: AQ83011:1210NP4-3

## GC/MS Volatiles

Lot-Sample # H11010442 - 003      Work Order # ML6551AA      Matrix.....: AIR

Date Sampled...: 08/30/2011      Date Received...: 09/01/2011

Prep Date.....: 09/01/2011      Analysis Date... 09/01/2011

Prep Batch #.....: 1245036

Dilution Factor.: 5      Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
<b>Benzene</b>	<b>3.5</b>	<b>1.0</b>	<b>11</b>	<b>3.2</b>
Bromodichloromethane	ND	1.0	ND	6.7
Bromoform	ND	1.0	ND	10
Bromomethane	ND	1.0	ND	3.9
<b>Carbon disulfide</b>	<b>0.59 J</b>	<b>2.5</b>	<b>1.8 J</b>	<b>7.8</b>
Carbon tetrachloride	ND	1.0	ND	6.3
Chlorobenzene	ND	1.0	ND	4.6
Dibromochloromethane	ND	1.0	ND	8.5
Chloroethane	ND	1.0	ND	2.6
Chloroform	ND	1.0	ND	4.9
<b>Chloromethane</b>	<b>0.87 J</b>	<b>2.5</b>	<b>1.8 J</b>	<b>5.2</b>
1,1-Dichloroethane	ND	1.0	ND	4.0
1,2-Dichloroethane	ND	1.0	ND	4.0
cis-1,2-Dichloroethene	ND	1.0	ND	4.0
trans-1,2-Dichloroethene	ND	1.0	ND	4.0
1,1-Dichloroethene	ND	1.0	ND	4.0
1,2-Dichloropropane	ND	1.0	ND	4.6
cis-1,3-Dichloropropene	ND	1.0	ND	4.5
trans-1,3-Dichloropropene	ND	1.0	ND	4.5
Ethylbenzene	ND	1.0	ND	4.3
<b>Methylene chloride</b>	<b>0.72 J B</b>	<b>2.5</b>	<b>2.5 J B</b>	<b>8.7</b>
<b>Styrene</b>	<b>0.64 J</b>	<b>1.0</b>	<b>2.7 J</b>	<b>4.3</b>
1,1,2,2-Tetrachloroethane	ND	1.0	ND	6.9
Tetrachloroethene	ND	1.0	ND	6.8
<b>Toluene</b>	<b>1.1</b>	<b>1.0</b>	<b>4.0</b>	<b>3.8</b>
1,1,1-Trichloroethane	ND	1.0	ND	5.5
1,1,2-Trichloroethane	ND	1.0	ND	5.5
Trichloroethene	ND	1.0	ND	5.4
Vinyl chloride	ND	1.0	ND	2.6
m-Xylene & p-Xylene	ND	1.0	ND	4.3
o-Xylene	ND	1.0	ND	4.3

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	100	60 - 140

Leggette, Brashears & Graham, Inc.  
Client Sample ID: AQ83011:1210NP4-3  
GC/MS Volatiles

Lot-Sample # H11010442 - 003      Work Order # ML6551AA      Matrix.....: AIR

Qualifiers

B                    Method blank contamination. The associated method blank contains the target analyte at a reportable level.  
J                    Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)\*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) \* Dilution Factor) \* (Molecular Weight/24.45)

Leggette, Brashears & Graham, Inc.  
 Client Sample ID: INTRA-LAB BLANK  
 GC/MS Volatiles

Lot-Sample # H11020000 - 036B      Work Order # ML7V41AA      Matrix.....: AIR

Prep Date.....: 08/30/2011      Date Received..: 09/01/2011  
 Prep Date.....: 09/01/2011      Analysis Date... 09/01/2011  
 Prep Batch #.....: 1245036  
 Dilution Factor.: 1      Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Benzene	ND	0.20	ND	0.64
Bromodichloromethane	ND	0.20	ND	1.3
Bromoform	ND	0.20	ND	2.1
Bromomethane	ND	0.20	ND	0.78
Carbon disulfide	ND	0.50	ND	1.6
Carbon tetrachloride	ND	0.20	ND	1.3
Chlorobenzene	ND	0.20	ND	0.92
Dibromochloromethane	ND	0.20	ND	1.7
Chloroethane	ND	0.20	ND	0.53
Chloroform	ND	0.20	ND	0.98
Chloromethane	ND	0.50	ND	1.0
1,1-Dichloroethane	ND	0.20	ND	0.81
1,2-Dichloroethane	ND	0.20	ND	0.81
cis-1,2-Dichloroethene	ND	0.20	ND	0.79
trans-1,2-Dichloroethene	ND	0.20	ND	0.79
1,1-Dichloroethene	ND	0.20	ND	0.79
1,2-Dichloropropane	ND	0.20	ND	0.92
cis-1,3-Dichloropropene	ND	0.20	ND	0.91
trans-1,3-Dichloropropene	ND	0.20	ND	0.91
Ethylbenzene	ND	0.20	ND	0.87
<b>Methylene chloride</b>	<b>0.078 J</b>	<b>0.50</b>	<b>0.27 J</b>	<b>1.7</b>
Styrene	ND	0.20	ND	0.85
1,1,2,2-Tetrachloroethane	ND	0.20	ND	1.4
Tetrachloroethene	ND	0.20	ND	1.4
Toluene	ND	0.20	ND	0.75
1,1,1-Trichloroethane	ND	0.20	ND	1.1
1,1,2-Trichloroethane	ND	0.20	ND	1.1
Trichloroethene	ND	0.20	ND	1.1
Vinyl chloride	ND	0.20	ND	0.51
m-Xylene & p-Xylene	ND	0.20	ND	0.87
o-Xylene	ND	0.20	ND	0.87

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	98	60 - 140

Leggette, Brashears & Graham, Inc.  
Client Sample ID: INTRA-LAB BLANK  
GC/MS Volatiles

Lot-Sample # H11020000 - 036B      Work Order # ML7V41AA      Matrix.....: AIR

Qualifiers

J      Estimated result. Result is less than RL.

The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)\*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) \* Dilution Factor) \* (Molecular Weight/24.45)

## Leggette, Brashears &amp; Graham, Inc.

Client Sample ID: CHECK SAMPLE

## GC/MS Volatiles

Lot-Sample # H11020000 - 036C      Work Order # ML7V41AC      Matrix.....: AIR

Prep Date.....: 08/30/2011      Date Received..: 09/01/2011

Prep Date.....: 09/01/2011      Analysis Date... 09/01/2011

Prep Batch #.....: 1245036

Dilution Factor.: 1      Method.....: TO-15

PARAMETER	SPIKE AMOUNT (ppb(v/v))	MEASURED AMOUNT (ppb(v/v))	SPIKE AMOUNT (ug/m3)	MEASURED AMOUNT (ug/m3)	PERCENT RECOVERY	RECOVERY LIMITS
Benzene	5.00	4.45	16	14.2	89	70 - 130
Bromodichloromethane	5.00	5.19	34	34.8	104	70 - 130
Bromoform	5.00	5.42	52	56.1	108	60 - 140
Bromomethane	5.00	5.56	19	21.6	111	70 - 130
Carbon disulfide	5.00	5.28	16	16.5	106	70 - 130
Carbon tetrachloride	5.00	5.54	31	34.9	111	70 - 130
Chlorobenzene	5.00	4.70	23	21.6	94	70 - 130
Dibromochloromethane	5.00	4.97	43	42.3	99	70 - 130
Chloroethane	5.00	5.10	13	13.5	102	70 - 130
Chloroform	5.00	4.64	24	22.7	93	70 - 130
Chloromethane	5.00	5.67	10	11.7	113	60 - 140
1,1-Dichloroethane	5.00	4.86	20	19.7	97	70 - 130
1,2-Dichloroethane	5.00	4.80	20	19.4	96	70 - 130
cis-1,2-Dichloroethene	5.00	4.89	20	19.4	98	70 - 130
trans-1,2-Dichloroethene	5.00	5.08	20	20.2	102	70 - 130
1,1-Dichloroethene	5.00	6.06	20	24.0	121	70 - 130
1,2-Dichloropropane	5.00	4.59	23	21.2	92	70 - 130
cis-1,3-Dichloropropene	5.00	5.01	23	22.7	100	70 - 130
trans-1,3-Dichloropropene	5.00	4.99	23	22.6	100	70 - 130
Ethylbenzene	5.00	5.08	22	22.1	102	70 - 130
Methylene chloride	5.00	5.84	17	20.3	117	70 - 130
Styrene	5.00	5.50	21	23.4	110	70 - 130
1,1,2,2-Tetrachloroethane	5.00	5.95	34	40.8	119	70 - 130
Tetrachloroethene <sub>1</sub>	5.00	5.04	34	34.2	101	70 - 130
Toluene	5.00	4.55	19	17.2	91	70 - 130
1,1,1-Trichloroethane	5.00	4.60	27	25.1	92	70 - 130
1,1,2-Trichloroethane	5.00	4.56	27	24.9	91	70 - 130
Trichloroethene	5.00	5.08	27	27.3	102	70 - 130
Vinyl chloride	5.00	5.38	13	13.8	108	70 - 130
m-Xylene & p-Xylene	10.0	10.4	43	45.3	104	70 - 130
o-Xylene	5.00	5.19	22	22.5	104	70 - 130

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	105	60 - 140

Leggette, Brashears & Graham, Inc.

Client Sample ID: CHECK SAMPLE

GC/MS Volatiles

Lot-Sample # H11020000 - 036C      Work Order # ML7V41AC      Matrix.....: AIR

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The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)\*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) \* Dilution Factor) \* (Molecular Weight/24.45)

# Sample Receipt Documentation

TestAmerica Knoxville  
 5815 Middlebrook Pike  
 Knoxville, TN, 37921  
 Phone 865-291-3000 (Main)  
 Phone 865-291-3031 (Receiving)

111 010-442  
**Chain of Custody Record**

**TestAmerica**  
 THE LEADER IN ENVIRONMENTAL TESTING

Client Contact		Project Manager: <u>M. Goldberg</u>		Site Contact: <u>S. Hunt</u>		COC Record: <u>1</u> of <u>1</u>	
Company Name: <u>LEB</u>		Tel/Mobile:		Lab Contact: <u>SMilkovich</u>		COC No: <u>02826</u>	
Address: <u>4 Research Dr. Suite 201</u>		Analysis Turnaround Time		Carrier: <u>Fed Ex</u>		Lab Use Only:	
City/State/Zip: <u>Shelton, CT 06484</u>		Calendar (C) of Work Days (W)		Analysis (Attach list if more space is needed)		Custody Seals Intact? Y N NA	
Phone: <u>203 944 5000 X 282</u>		TAT: if different from Below		Field Titled Sample		Number of Packages: _____ deg C	
Project Name/Number: <u>NR354</u>		<input type="checkbox"/> 2 weeks		Sample Date		Temperature: _____ deg C	
Site: <u>Rou</u>		<input type="checkbox"/> 1 week		Sample Time		Shipper: <u>FedEx UPS</u> Other: _____	
P O #		<input type="checkbox"/> 2 days		Sample Type		Tracking Number: _____	
Sampled by: <u>SMilkovich</u>		<input type="checkbox"/> 1 day		Matrix		Recorded by: _____ Date: _____	
Sample Identification		Sample Date		Matrix		Sample Specific Notes:	
<u>AR83011-1200 NP1-1</u>		<u>8/30/11</u>		<u>A</u>		<u>1 Cooler with Custody Seal</u>	
<u>AR83011-1205 NP1-2</u>		<u>8/30/11</u>		<u>B</u>		<u>RECEIVED @ Ambient Temp</u>	
<u>AR83011-1210 NP1-3</u>		<u>8/30/11</u>		<u>B</u>		<u>RECEIVED @ Ambient Temp</u>	
						<u>1 Cooler Fed Ex 79746835717</u>	
						<u>6 Tedlar Bags</u>	
Preservation Used: 1= Ice, 2= HCl; 3= H <sub>2</sub> SO <sub>4</sub> ; 4= HNO <sub>3</sub> ; 5= NaOH; 6= Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ; Other _____		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months			
Possible Hazard Identification		Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/>					
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/>							
Special Instructions/QC Requirements & Comments:							
Relinquished by: <u>[Signature]</u>		Company: <u>LEB</u>		Date/Time: <u>8/31/11 8:30</u>		Received by:	
Relinquished by: <u>[Signature]</u>		Company:		Date/Time:		Received by: <u>[Signature]</u>	
Relinquished by:		Company:		Date/Time:		Received by:	

RETURN WHITE COPY TO LAB WITH SAMPLES  
 KEEP YELLOW COPY FOR YOUR RECORDS

TAL-0046-140 (0208) 18

TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Lot Number: 11010412

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken
1. Do sample container labels match COC? (IDs, Dates, Times)	X			<input type="checkbox"/> 1a Do not match COC <input type="checkbox"/> 1b Incomplete information <input type="checkbox"/> 1c Marking smeared <input type="checkbox"/> 1d Label torn <input type="checkbox"/> 1e No label <input type="checkbox"/> 1f COC not received <input type="checkbox"/> 1g Other:	
2. Is the cooler temperature within limits? (> freezing temp. of water to 6°C, VOST: 10°C)		X		<input type="checkbox"/> 2a Temp Blank = _____ <input type="checkbox"/> 2b Cooler Temp = _____ <input type="checkbox"/> 2c Cooling initiated for recently collected samples, ice present. <input type="checkbox"/> 3a Sample preservative = _____	
3. Were samples received with correct chemical preservative (excluding Encore)?		X		<input type="checkbox"/> 4a Not present <input type="checkbox"/> 4b Not intact <input type="checkbox"/> 4c Other:	
4. Were custody seals present/intact on cooler and/or containers?	X			<input type="checkbox"/> 5a Samples received-not on COC <input type="checkbox"/> 5b Samples not received-on COC <input type="checkbox"/> 6a Leaking <input type="checkbox"/> 6b Broken	
5. Were all of the samples listed on the COC received?	X			<input type="checkbox"/> 7a Headspace (VOA only) <input type="checkbox"/> 8a Improper container	
6. Were all of the sample containers received intact?	X			<input type="checkbox"/> 9a Could not be determined due to matrix interference <input type="checkbox"/> 10a Holding time expired <input type="checkbox"/> Incomplete information	
7. Were VOA samples received without headspace?	X			If no, was pH adjusted to pH 7 - 9 with sulfuric acid? _____	
8. Were samples received in appropriate containers?	X			<input type="checkbox"/> 13a Leaking <input type="checkbox"/> 13b Other:	
9. Did you check for residual chlorine, if necessary?		X		<input type="checkbox"/> 14a Not relinquished <input type="checkbox"/> 15a Incomplete information	
10. Were samples received within holding time?	X			<input type="checkbox"/> 15a Incomplete information <input type="checkbox"/> 15a Incomplete information	
11. For rad samples, was sample activity info. provided?		X		<input type="checkbox"/> 15a Incomplete information	
12. For 1613B water samples is pH<9?		X		<input type="checkbox"/> 15a Incomplete information	
13. Are the shipping containers intact?	X				
14. Was COC relinquished? (Signed/Dated/Timed)	X				
15. Are tests/parameters listed for each sample?	X				
16. Is the matrix of the samples noted?	X				
17. Is the date/time of sample collection noted?	X				
18. Is the client and project name/# identified?	X				
19. Was the sampler identified on the COC?	X				
Quote #: <u>69410</u> PM Instructions: <u>NA</u>					

Sample Receiving Associate: Rita Amcock Date: 9/1/11

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