

TABLE 2

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

Effluent Water Quality Results

Date Sampled ^{2/}	pH ^{1/}	TDS (mg/l)	PCE (ug/l)	1,1,1-TCA (ug/l)	TCE (ug/l)	1,1-DCA (ug/l)	1,1-DCE (ug/l)	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)
SPDES Limits	5.0 to 8.5	---	5	5	5	5	5	5	5	---	---	5	---	50	7	---	---	---
6-Jul-11	5.4	114	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	3.98	0.142
12-Jul-11	5.1	115	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	1.85	0.099
19-Jul-11	5.3	71	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	4.16	0.070
25-Jul-11	5.3	58	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	24.6	0.127

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:

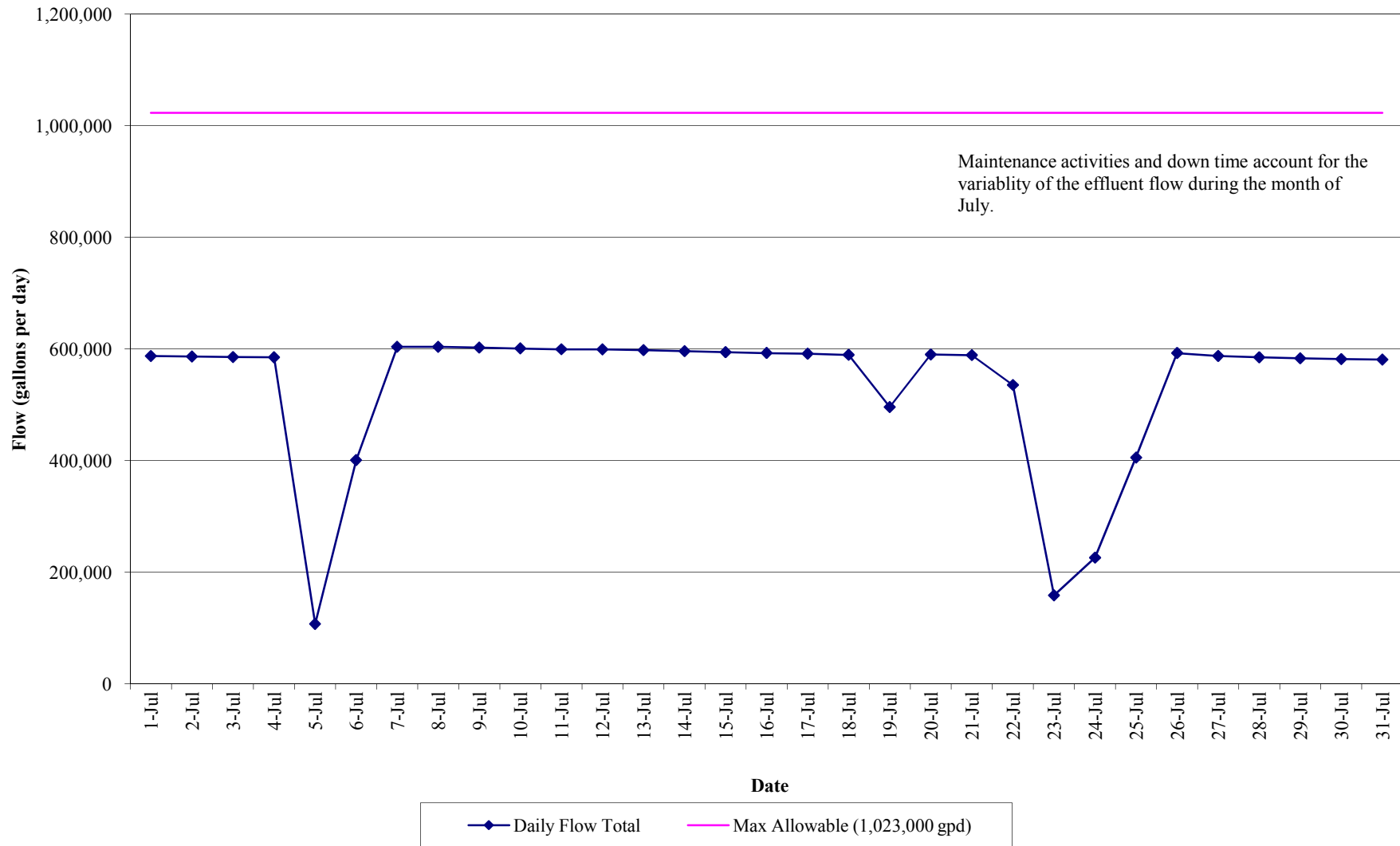
1. Based on the SPDES criteria from an NYSDEC letter dated on May 11, 2006, the new allowable pH range for the Rowe Site is between 5.0 and 8.5.

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
(July 1, 2011 through July 31, 2011)



APPENDIX I
JULY 2011 LABORATORY ANALYTICAL REPORTS
FOR FSP&T SYSTEM AND RECOVERY WELLS

Wednesday, July 13, 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.: 1107024

Dear Mark Goldberg:

American Analytical Laboratories, LLC. received 3 sample(s) on 7/8/2011 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.

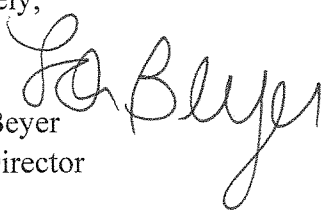
The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. 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 27 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



American Analytical Laboratories, LLC.

Date: 13-Jul-11

CLIENT: Leggette Brashears & Graham Inc.
Project: Rowe
Lab Order: 1107024

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date Collected	Date Received
1107024-01A	WQ7611:1130NP2-6	7/6/2011 11:30:00 AM	7/8/2011
1107024-01B	WQ7611:1130NP2-6	7/6/2011 11:30:00 AM	7/8/2011
1107024-01C	WQ7611:1130NP2-6	7/6/2011 11:30:00 AM	7/8/2011
1107024-02A	WQ7611:1135NP2-7	7/6/2011 11:35:00 AM	7/8/2011
1107024-02B	WQ7611:1135NP2-7	7/6/2011 11:35:00 AM	7/8/2011
1107024-02C	WQ7611:1135NP2-7	7/6/2011 11:35:00 AM	7/8/2011
1107024-03A	WQ7611:1140NP2-10	7/6/2011 11:40:00 AM	7/8/2011
1107024-03B	WQ7611:1140NP2-10	7/6/2011 11:40:00 AM	7/8/2011
1107024-03C	WQ7611:1140NP2-10	7/6/2011 11:40:00 AM	7/8/2011
1107024-03D	WQ7611:1140NP2-10	7/6/2011 11:40:00 AM	7/8/2011

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

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

[illegible]

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

American Analytical Laboratories, LLC.

Sample Receipt Checklist

Client Name **LBG CT**

Date and Time Receive **7/8/2011 10:26:22 AM**

Work Order Number **1107024**

RcptNo: **1**

Received by **CF**

COC_ID:

CoolerID:

Checklist completed by

Signature

Date

Reviewed by

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?

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

American Analytical Laboratories, LLC.

Date: 13-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ7611:1130NP2-6

Lab Order: 1107024

Collection Date: 7/6/2011 11:30:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107024-01A

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	7/13/2011 10:13:00 AM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
1,1,2,2-Tetrachloroethane	U	0.5	1.0	C	µg/L	1	7/13/2011 10:13:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
1,2,4-Trichlorobenzene	U	0.5	1.0	C	µg/L	1	7/13/2011 10:13:00 AM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/13/2011 10:13:00 AM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
2-Butanone	U	1.2	2.5		µg/L	1	7/13/2011 10:13:00 AM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/13/2011 10:13:00 AM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
2-Hexanone	U	1.2	2.5	C	µg/L	1	7/13/2011 10:13:00 AM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/13/2011 10:13:00 AM
Acetone	U	1.2	2.5		µg/L	1	7/13/2011 10:13:00 AM
Benzene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Bromobenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM

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

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Collection Date: 7/6/2011 11:30:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107024-01A

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	7/13/2011 10:13:00 AM
Bromoform	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Bromomethane	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Chloroethane	U	0.5	1.0	C	µg/L	1	7/13/2011 10:13:00 AM
Chloroform	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Chloromethane	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Dibromomethane	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
m,p-Xylene	U	1	2.0		µg/L	1	7/13/2011 10:13:00 AM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Methylene chloride	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Naphthalene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
n-Butylbenzene	U	0.5	1.0	C	µg/L	1	7/13/2011 10:13:00 AM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
o-Xylene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Styrene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Tetrachloroethene	0.55	0.5	1.0	J	µg/L	1	7/13/2011 10:13:00 AM
Toluene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Trichloroethene	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM

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	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 13-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ7611:1130NP2-6

Lab Order: 1107024

Collection Date: 7/6/2011 11:30:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107024-01A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC							Analyst: LA
Vinyl acetate	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/13/2011 10:13:00 AM
Surr: 4-Bromofluorobenzene	95.5	0	60-130		%REC	1	7/13/2011 10:13:00 AM
Surr: Dibromofluoromethane	111	0	63-127		%REC	1	7/13/2011 10:13:00 AM
Surr: Toluene-d8	98.8	0	61-128		%REC	1	7/13/2011 10:13:00 AM

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Client Sample ID: WQ7611:1130NP2-6

Lab Order: 1107024

Collection Date: 7/6/2011 11:30:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107024-01B

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS			E200.7		SW3010A		Analyst: JP
Total Iron	2.79	0.005	0.0200		mg/L	1	7/11/2011 2:38:09 PM

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	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 13-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ7611:1130NP2-6

Lab Order: 1107024

Collection Date: 7/6/2011 11:30:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107024-01C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED			E200.7		SW3005A		Analyst: JP
Dissolved Iron	0.0210	0.005	0.0200		mg/L	1	7/11/2011 2:36:05 PM

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	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
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	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 13-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107024
Project: Rowe
Lab ID: 1107024-02A

Client Sample ID: WQ7611:1135NP2-7
Collection Date: 7/6/2011 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	7/13/2011 10:44:00 AM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
1,1,2,2-Tetrachloroethane	U	0.5	1.0	C	µg/L	1	7/13/2011 10:44:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
1,2,4-Trichlorobenzene	U	0.5	1.0	C	µg/L	1	7/13/2011 10:44:00 AM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/13/2011 10:44:00 AM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
2-Butanone	U	1.2	2.5		µg/L	1	7/13/2011 10:44:00 AM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/13/2011 10:44:00 AM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
2-Hexanone	U	1.2	2.5	C	µg/L	1	7/13/2011 10:44:00 AM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/13/2011 10:44:00 AM
Acetone	U	1.2	2.5		µg/L	1	7/13/2011 10:44:00 AM
Benzene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Bromobenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 13-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ7611:1135NP2-7

Lab Order: 1107024

Collection Date: 7/6/2011 11:35:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107024-02A

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	7/13/2011 10:44:00 AM
Bromoform	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Bromomethane	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Chloroethane	U	0.5	1.0	C	µg/L	1	7/13/2011 10:44:00 AM
Chloroform	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Chloromethane	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Dibromomethane	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
m,p-Xylene	U	1	2.0		µg/L	1	7/13/2011 10:44:00 AM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Methylene chloride	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Naphthalene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
n-Butylbenzene	U	0.5	1.0	C	µg/L	1	7/13/2011 10:44:00 AM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
o-Xylene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Styrene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Tetrachloroethene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Toluene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Trichloroethene	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 13-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ7611:1135NP2-7

Lab Order: 1107024

Collection Date: 7/6/2011 11:35:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107024-02A

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	7/13/2011 10:44:00 AM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/13/2011 10:44:00 AM
Surr: 4-Bromofluorobenzene	95.2	0	60-130		%REC	1	7/13/2011 10:44:00 AM
Surr: Dibromofluoromethane	114	0	63-127		%REC	1	7/13/2011 10:44:00 AM
Surr: Toluene-d8	97.0	0	61-128		%REC	1	7/13/2011 10:44:00 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 13-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ7611:1135NP2-7

Lab Order: 1107024

Collection Date: 7/6/2011 11:35:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107024-02B

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS				E200.7	SW3010A		Analyst: JP
Total Iron	3.02	0.005	0.0200		mg/L	1	7/11/2011 2:42:16 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 13-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ7611:1135NP2-7

Lab Order: 1107024

Collection Date: 7/6/2011 11:35:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107024-02C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED				E200.7			Analyst: JP
Dissolved Iron	0.152	0.005	0.0200		mg/L	1	7/11/2011 2:40:13 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 13-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ7611:1140NP2-10

Lab Order: 1107024

Collection Date: 7/6/2011 11:40:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107024-03A

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	7/13/2011 11:16:00 AM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
1,1,2,2-Tetrachloroethane	U	0.5	1.0	C	µg/L	1	7/13/2011 11:16:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
1,2,4-Trichlorobenzene	U	0.5	1.0	C	µg/L	1	7/13/2011 11:16:00 AM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/13/2011 11:16:00 AM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
2-Butanone	U	1.2	2.5		µg/L	1	7/13/2011 11:16:00 AM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/13/2011 11:16:00 AM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
2-Hexanone	U	1.2	2.5	C	µg/L	1	7/13/2011 11:16:00 AM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/13/2011 11:16:00 AM
Acetone	U	1.2	2.5		µg/L	1	7/13/2011 11:16:00 AM
Benzene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Bromobenzene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 13-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ7611:1140NP2-10

Lab Order: 1107024

Collection Date: 7/6/2011 11:40:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107024-03A

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	7/13/2011 11:16:00 AM
Bromoform	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Bromomethane	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Chloroethane	U	0.5	1.0	C	µg/L	1	7/13/2011 11:16:00 AM
Chloroform	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Chloromethane	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Dibromomethane	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
m,p-Xylene	U	1	2.0		µg/L	1	7/13/2011 11:16:00 AM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Methylene chloride	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Naphthalene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
n-Butylbenzene	U	0.5	1.0	C	µg/L	1	7/13/2011 11:16:00 AM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
o-Xylene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Styrene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Tetrachloroethene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Toluene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Trichloroethene	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 13-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ7611:1140NP2-10

Lab Order: 1107024

Collection Date: 7/6/2011 11:40:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107024-03A

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	7/13/2011 11:16:00 AM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/13/2011 11:16:00 AM
Surr: 4-Bromofluorobenzene	97.7	0	60-130		%REC	1	7/13/2011 11:16:00 AM
Surr: Dibromofluoromethane	110	0	63-127		%REC	1	7/13/2011 11:16:00 AM
Surr: Toluene-d8	98.6	0	61-128		%REC	1	7/13/2011 11:16:00 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 13-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ7611:1140NP2-10

Lab Order: 1107024

Collection Date: 7/6/2011 11:40:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107024-03B

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS				E200.7			
Total Iron	3.98	0.005	0.0200		mg/L	1	Analyst: JP 7/11/2011 2:46:23 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 13-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ7611:1140NP2-10

Lab Order: 1107024

Collection Date: 7/6/2011 11:40:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107024-03C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED				E200.7	SW3005A		Analyst: JP
Dissolved Iron	0.142	0.005	0.0200		mg/L	1	7/11/2011 2:44:20 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 13-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ7611:1140NP2-10

Lab Order: 1107024

Collection Date: 7/6/2011 11:40:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107024-03D

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL DISSOLVED SOLIDS				M2540C			Analyst: AB
Total Dissolved Solids (Residue, Filterable)	114	0	1.00		mg/L	1	7/11/2011

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

CLIENT: Leggett Brashears & Graham Inc.

Work Order: 1107024

Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: V624LCS-071211aH		SampType: LCS		TestCode: 8260MTBE11		Units: µg/L		Prep Date:		RunNo: 58841	
Client ID: LCSW		Batch ID: R58841		TestNo: SW8260C				Analysis Date: 7/13/2011		SeqNo: 826291	
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	84.2	43	148				C
1,1,2,2-Tetrachloroethane	53	1.0	50.00	0	107	32	148				
1,1,2-Trichloroethane	44	1.0	50.00	0	88.3	42	136				
1,1-Dichloroethane	42	1.0	50.00	0	84.6	40	150				
1,1-Dichloroethene	41	1.0	50.00	0	82.1	30	154				
1,2-Dichlorobenzene	41	1.0	50.00	0	81.5	40	129				
1,2-Dichloroethane	41	1.0	50.00	0	82.8	36	141				
1,2-Dichloropropane	44	1.0	50.00	0	88.4	44	138				
1,3-Dichlorobenzene	42	1.0	50.00	0	83.8	40	133				
1,4-Dichlorobenzene	41	1.0	50.00	0	82.0	40	135				
2-Chloroethyl vinyl ether	41	2.0	50.00	0	82.4	21	139				
Benzene	40	1.0	50.00	0	80.9	45	144				
Bromodichloromethane	41	1.0	50.00	0	81.2	35	136				
Bromoform	45	1.0	50.00	0	90.6	28	138				
Bromomethane	42	1.0	50.00	0	83.2	26	148				
Carbon tetrachloride	41	1.0	50.00	0	81.7	45	141				
Chlorobenzene	46	1.0	50.00	0	91.2	41	142				
Chloroethane	37	1.0	50.00	0	74.3	36	143				
Chloroform	43	1.0	50.00	0	86.2	42	137				
Chloromethane	48	1.0	50.00	0	95.3	35	151				
cis-1,3-Dichloropropene	42	1.0	50.00	0	83.3	42	130				
Dibromochloromethane	38	1.0	50.00	0	76.7	21	134				
Ethylbenzene	40	1.0	50.00	0	80.6	45	146				
Tetrachloroethene	34	1.0	50.00	0	67.6	45	136				
Toluene	48	1.0	50.00	0	95.9	43	134				
trans-1,2-Dichloroethene	37	1.0	50.00	0	74.2	42	135				
trans-1,3-Dichloropropene	42	1.0	50.00	0	83.3	37	133				
Trichloroethene	40	1.0	50.00	0	79.6	43	140				
Trichlorofluoromethane	48	1.0	50.00	0	96.0	50	148				
Vinyl chloride	57	1.0	50.00	0	114	35	142				

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

R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107024
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: V624LCS-071211aH	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 58841						
Client ID: LCSW	Batch ID: R58841	TestNo: SW8260C		Analysis Date: 7/13/2011	SeqNo: 826291						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	50		50.00		99.2	60	130				
Surr: Dibromofluoromethane	51		50.00		103	63	127				
Surr: Toluene-d8	51		50.00		103	61	128				

Sample ID: VBLK-071211aHS	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 58841						
Client ID: PBW	Batch ID: R58841	TestNo: SW8260C		Analysis Date: 7/13/2011	SeqNo: 826292						
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									C
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									C
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
R RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107024
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-071211aHS	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 58841						
Client ID: PBW	Batch ID: R58841	TestNo: SW8260C		Analysis Date: 7/13/2011	SeqNo: 826292						
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									

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 R RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107024
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-071211aHS	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 58841						
Client ID: PBW	Batch ID: R58841	TestNo: SW8260C		Analysis Date: 7/13/2011	SeqNo: 826292						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	U	1.0									C
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		95.9	60		130			
Surr: Dibromofluoromethane	52		50.00		105	63		127			
Surr: Toluene-d8	48		50.00		96.4	61		128			

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	R	RPD outside accepted recovery limits

CLIENT: Legette Brashears & Graham Inc.
Work Order: 1107024
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: FE_D

Sample ID: PBW-071111AD	SampType: MBLK	TestCode: FE_D	Units: mg/L	Prep Date: 7/11/2011	RunNo: 58791
Client ID: PBW	Batch ID: 32583	TestNo: E200.7	SW3005A	Analysis Date: 7/11/2011	SeqNo: 825512
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-071111AD	SampType: LCS	TestCode: FE_D	Units: mg/L	Prep Date: 7/11/2011	RunNo: 58791
Client ID: LCSW	Batch ID: 32583	TestNo: E200.7	SW3005A	Analysis Date: 7/11/2011	SeqNo: 825513
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Dissolved Iron	1.99	0.0200	2.000	0	99.5 80 120

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
R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107024
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: FE_T

Sample ID: PBW-071111A	SampType: MBLK	TestCode: FE_T	Units: mg/L	Prep Date: 7/11/2011	RunNo: 58791						
Client ID: PBW	Batch ID: 32584	TestNo: E200.7	SW3010A	Analysis Date: 7/11/2011	SeqNo: 825493						
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-071111A	SampType: LCS	TestCode: FE_T	Units: mg/L	Prep Date: 7/11/2011	RunNo: 58791						
Client ID: LCSW	Batch ID: 32584	TestNo: E200.7	SW3010A	Analysis Date: 7/11/2011	SeqNo: 825494						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Iron	1.98	0.0200	2.000	0	99.1	80	120				

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
R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107024
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: TDS_W

Sample ID: MB	SampType: MBLK	TestCode: TDS_W	Units: mg/L	Prep Date:	RunNo: 58804							
Client ID: PBW	Batch ID: R58804	TestNo: M2540C		Analysis Date: 7/11/2011	SeqNo: 825730							
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	R	RPD outside accepted recovery limits

Wednesday, July 20, 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.: 1107070

Dear Mark Goldberg:

American Analytical Laboratories, LLC. received 3 sample(s) on 7/14/2011 for the analyses presented in the following report.

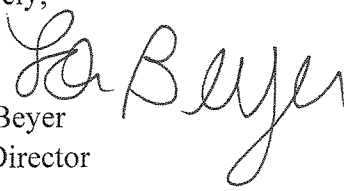
Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

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 29 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

American Analytical Laboratories, LLC.

Date: 20-Jul-11

CLIENT: Leggette Brashears & Graham Inc.
Project: Rowe
Lab Order: 1107070

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date Collected	Date Received
1107070-01A	WQ71211:1300NP2-6	7/12/2011 1:00:00 PM	7/14/2011
1107070-01B	WQ71211:1300NP2-6	7/12/2011 1:00:00 PM	7/14/2011
1107070-01C	WQ71211:1300NP2-6	7/12/2011 1:00:00 PM	7/14/2011
1107070-02A	WQ71211:1305NP2-7	7/12/2011 1:05:00 PM	7/14/2011
1107070-02B	WQ71211:1305NP2-7	7/12/2011 1:05:00 PM	7/14/2011
1107070-02C	WQ71211:1305NP2-7	7/12/2011 1:05:00 PM	7/14/2011
1107070-03A	WQ71211:1310NP2-10	7/12/2011 1:10:00 PM	7/14/2011
1107070-03B	WQ71211:1310NP2-10	7/12/2011 1:10:00 PM	7/14/2011
1107070-03C	WQ71211:1310NP2-10	7/12/2011 1:10:00 PM	7/14/2011
1107070-03D	WQ71211:1310NP2-10	7/12/2011 1:10:00 PM	7/14/2011

American Analytical Laboratories, LLC.

Sample Receipt Checklist

Client Name **LBG CT**

Date and Time Receive **7/14/2011 9:57:57 AM**

Work Order Number **1107070**

RcptNo: **1**

Received by **CF**

COC_ID:

CoolerID:

Checklist completed by

CF *7/14/11*
Signature Date

Reviewed by

LaB *7/14/11*
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

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71211:1300NP2-6

Lab Order: 1107070

Collection Date: 7/12/2011 1:00:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107070-01A

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	7/18/2011 12:49:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/18/2011 12:49:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	7/18/2011 12:49:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/18/2011 12:49:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	7/18/2011 12:49:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/18/2011 12:49:00 PM
Acetone	U	1.2	2.5		µg/L	1	7/18/2011 12:49:00 PM
Benzene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107070
Project: Rowe
Lab ID: 1107070-01A

Client Sample ID: WQ71211:1300NP2-6
Collection Date: 7/12/2011 1:00:00 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	7/18/2011 12:49:00 PM
Bromoform	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Chloroethane	U	0.5	1.0	C	µg/L	1	7/18/2011 12:49:00 PM
Chloroform	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	7/18/2011 12:49:00 PM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	7/18/2011 12:49:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Styrene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Tetrachloroethene	0.51	0.5	1.0	J	µg/L	1	7/18/2011 12:49:00 PM
Toluene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.**Client Sample ID:** WQ71211:1300NP2-6**Lab Order:** 1107070**Collection Date:** 7/12/2011 1:00:00 PM**Project:** Rowe**Matrix:** LIQUID**Lab ID:** 1107070-01A**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	C	µg/L	1	7/18/2011 12:49:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/18/2011 12:49:00 PM
Surr: 4-Bromofluorobenzene	96.3	0	60-130		%REC	1	7/18/2011 12:49:00 PM
Surr: Dibromofluoromethane	104	0	63-127		%REC	1	7/18/2011 12:49:00 PM
Surr: Toluene-d8	96.0	0	61-128		%REC	1	7/18/2011 12:49:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71211:1300NP2-6

Lab Order: 1107070

Collection Date: 7/12/2011 1:00:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107070-01B

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS				E200.7	SW3010A		Analyst: JP
Total Iron	2.53	0.005	0.0200		mg/L	1	7/14/2011 1:33:20 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71211:1300NP2-6

Lab Order: 1107070

Collection Date: 7/12/2011 1:00:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107070-01C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED			E200.7		SW3005A		Analyst: JP
Dissolved Iron	0.0170	0.005	0.0200	J	mg/L	1	7/14/2011 1:31:16 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71211:1305NP2-7

Lab Order: 1107070

Collection Date: 7/12/2011 1:05:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107070-02A

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	7/18/2011 1:13:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/18/2011 1:13:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	7/18/2011 1:13:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/18/2011 1:13:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	7/18/2011 1:13:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/18/2011 1:13:00 PM
Acetone	U	1.2	2.5		µg/L	1	7/18/2011 1:13:00 PM
Benzene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM

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American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71211:1305NP2-7

Lab Order: 1107070

Collection Date: 7/12/2011 1:05:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107070-02A

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	7/18/2011 1:13:00 PM
Bromoform	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Chloroethane	U	0.5	1.0	C	µg/L	1	7/18/2011 1:13:00 PM
Chloroform	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	7/18/2011 1:13:00 PM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	7/18/2011 1:13:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Styrene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Toluene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71211:1305NP2-7

Lab Order: 1107070

Collection Date: 7/12/2011 1:05:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107070-02A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC							Analyst: LA
Vinyl acetate	U	0.5	1.0	C	µg/L	1	7/18/2011 1:13:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/18/2011 1:13:00 PM
Surr: 4-Bromofluorobenzene	105	0	60-130		%REC	1	7/18/2011 1:13:00 PM
Surr: Dibromofluoromethane	101	0	63-127		%REC	1	7/18/2011 1:13:00 PM
Surr: Toluene-d8	93.9	0	61-128		%REC	1	7/18/2011 1:13:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71211:1305NP2-7

Lab Order: 1107070

Collection Date: 7/12/2011 1:05:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107070-02B

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS				E200.7			
Total Iron	1.91	0.005	0.0200		mg/L	1	Analyst: JP 7/14/2011 1:37:26 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71211:1305NP2-7

Lab Order: 1107070

Collection Date: 7/12/2011 1:05:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107070-02C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED			E200.7		SW3005A		Analyst: JP
Dissolved Iron	0.0710	0.005	0.0200		mg/L	1	7/14/2011 1:35:23 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71211:1310NP2-10

Lab Order: 1107070

Collection Date: 7/12/2011 1:10:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107070-03A

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	7/18/2011 1:37:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/18/2011 1:37:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	7/18/2011 1:37:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/18/2011 1:37:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	7/18/2011 1:37:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/18/2011 1:37:00 PM
Acetone	U	1.2	2.5		µg/L	1	7/18/2011 1:37:00 PM
Benzene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71211:1310NP2-10

Lab Order: 1107070

Collection Date: 7/12/2011 1:10:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107070-03A

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	7/18/2011 1:37:00 PM
Bromoform	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Chloroethane	U	0.5	1.0	C	µg/L	1	7/18/2011 1:37:00 PM
Chloroform	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	7/18/2011 1:37:00 PM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	7/18/2011 1:37:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Styrene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Toluene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71211:1310NP2-10

Lab Order: 1107070

Collection Date: 7/12/2011 1:10:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107070-03A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC							Analyst: LA
Vinyl acetate	U	0.5	1.0	C	µg/L	1	7/18/2011 1:37:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/18/2011 1:37:00 PM
Surr: 4-Bromofluorobenzene	104	0	60-130		%REC	1	7/18/2011 1:37:00 PM
Surr: Dibromofluoromethane	103	0	63-127		%REC	1	7/18/2011 1:37:00 PM
Surr: Toluene-d8	92.9	0	61-128		%REC	1	7/18/2011 1:37:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71211:1310NP2-10

Lab Order: 1107070

Collection Date: 7/12/2011 1:10:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107070-03B

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS				E200.7			Analyst: JP
Total Iron	1.85	0.005	0.0200		mg/L	1	7/14/2011 1:41:31 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71211:1310NP2-10

Lab Order: 1107070

Collection Date: 7/12/2011 1:10:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107070-03C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED				E200.7		SW3005A	Analyst: JP
Dissolved Iron	0.0990	0.005	0.0200		mg/L	1	7/14/2011 1:39:29 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71211:1310NP2-10

Lab Order: 1107070

Collection Date: 7/12/2011 1:10:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107070-03D

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL DISSOLVED SOLIDS				M2540C			Analyst: AB
Total Dissolved Solids (Residue, Filterable)	115	0	1.00		mg/L	1	7/15/2011

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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

S Spike Recovery outside accepted recovery limits

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

U Indicates the compound was analyzed but not detected.

CLIENT: Leggette Brashears & Graham Inc.

Work Order: 1107070

Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113 W

Sample ID: VBLK-071811LW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 7/18/2011	RunNo: 58952						
Client ID: PBW	Batch ID: R58952	TestNo: SW8260C		Analysis Date: 7/18/2011	SeqNo: 827984						
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									
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									

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	R	RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107070
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-071811LW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 7/18/2011	RunNo: 58952						
Client ID: PBW	Batch ID: R58952	TestNo: SW8260C		Analysis Date: 7/18/2011	SeqNo: 827984						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									C
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									C
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									

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
R RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107070
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-071811LW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 7/18/2011	RunNo: 58952						
Client ID: PBW	Batch ID: R58952	TestNo: SW8260C		Analysis Date: 7/18/2011	SeqNo: 827984						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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									C
Surr: 4-Bromofluorobenzene	49		50.00		97.7	60	130				
Surr: Dibromofluoromethane	47		50.00		94.4	63	127				
Surr: Toluene-d8	47		50.00		93.9	61	128				

Sample ID: V624LCS-071811LW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 7/18/2011	RunNo: 58952						
Client ID: LCSW	Batch ID: R58952	TestNo: SW8260C		Analysis Date: 7/18/2011	SeqNo: 827985						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	39	1.0	50.00	0	78.0	43	148				
1,1,2,2-Tetrachloroethane	53	1.0	50.00	0	107	32	148				
1,1,2-Trichloroethane	47	1.0	50.00	0	94.8	42	136				
1,1-Dichloroethane	42	1.0	50.00	0	84.6	40	150				
1,1-Dichloroethene	39	1.0	50.00	0	77.2	30	154				
1,2-Dichlorobenzene	53	1.0	50.00	0	106	40	129				
1,2-Dichloroethane	45	1.0	50.00	0	90.7	36	141				
1,3-Dichlorobenzene	51	1.0	50.00	0	101	40	133				
1,4-Dichlorobenzene	49	1.0	50.00	0	97.7	40	135				
Benzene	40	1.0	50.00	0	80.8	45	144				
Bromodichloromethane	44	1.0	50.00	0	88.3	35	136				
Bromoform	49	1.0	50.00	0	97.5	28	138				
Bromomethane	39	1.0	50.00	0	78.8	26	148				
Carbon tetrachloride	38	1.0	50.00	0	75.6	45	141				
Chloroethane	42	1.0	50.00	0	84.3	36	143				C
Chloroform	43	1.0	50.00	0	85.2	42	137				

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
R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107070
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: V624LCS-071811LW		SampType: LCS	TestCode: 8260MTBE11		Units: µg/L	Prep Date: 7/18/2011		RunNo: 58952			
Client ID: LCSW		Batch ID: R58952	TestNo: SW8260C			Analysis Date: 7/18/2011		SeqNo: 827985			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	38	1.0	50.00	0	75.2	35	151				
cis-1,3-Dichloropropene	42	1.0	50.00	0	83.2	42	130				
Dibromochloromethane	45	1.0	50.00	0	90.3	21	134				
Ethylbenzene	42	1.0	50.00	0	84.7	45	146				
Tetrachloroethene	41	1.0	50.00	0	82.0	45	136				
Toluene	39	1.0	50.00	0	79.0	43	134				
trans-1,2-Dichloroethene	42	1.0	50.00	0	83.5	42	135				
trans-1,3-Dichloropropene	40	1.0	50.00	0	80.4	37	133				
Trichloroethene	42	1.0	50.00	0	83.1	43	140				
Trichlorofluoromethane	41	1.0	50.00	0	82.5	50	148				
Vinyl chloride	39	1.0	50.00	0	78.7	35	142				
Surr: 4-Bromofluorobenzene	49		50.00		97.9	60	130				
Surr: Dibromofluoromethane	50		50.00		99.5	63	127				
Surr: Toluene-d8	48		50.00		96.8	61	128				

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
R RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107070
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: FE_D

Sample ID: PBW-071411AD	SampType: MBLK	TestCode: FE_D	Units: mg/L	Prep Date: 7/14/2011	RunNo: 58887						
Client ID: PBW	Batch ID: 32642	TestNo: E200.7	SW3005A	Analysis Date: 7/14/2011	SeqNo: 826813						
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-071411AD	SampType: LCS	TestCode: FE_D	Units: mg/L	Prep Date: 7/14/2011	RunNo: 58887						
Client ID: LCSW	Batch ID: 32642	TestNo: E200.7	SW3005A	Analysis Date: 7/14/2011	SeqNo: 826814						
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	100	80	120				

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
R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107070
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: FE_T

Sample ID: PBW-071411A	SampType: MBLK	TestCode: FE_T	Units: mg/L	Prep Date: 7/14/2011	RunNo: 58887						
Client ID: PBW	Batch ID: 32644	TestNo: E200.7	SW3010A	Analysis Date: 7/14/2011	SeqNo: 826811						
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-071411A	SampType: LCS	TestCode: FE_T	Units: mg/L	Prep Date: 7/14/2011	RunNo: 58887						
Client ID: LCSW	Batch ID: 32644	TestNo: E200.7	SW3010A	Analysis Date: 7/14/2011	SeqNo: 826812						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Iron	1.91	0.0200	2.000	0	95.6	80	120				

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
R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107070
Project: Rowe

TestCode: TDS_W

Sample ID: BL	SampType: MBLK	TestCode: TDS_W	Units: mg/L	Prep Date:	RunNo: 58921
Client ID: PBW	Batch ID: R58921	TestNo: M2540C		Analysis Date: 7/15/2011	SeqNo: 827562
Analyte	Result	PQL	SPK value	%REC	%RPD
			SPK Ref Val	LowLimit	RPD Ref Val
Total Dissolved Solids (Residue, Filtra			U	1.00	RPDLimit
					Qual

Total Dissolved Solids (Residue, Filtera

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	R	RPD outside accepted recovery limits	

CLIENT: Leggett Brashears & Graham Inc.

Work Order: 1107070

Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: FE_D

Sample ID: 1107072-08C-MS	SampType: MS	TestCode: FE_D	Units: mg/L	Prep Date: 7/14/2011	RunNo: 58887					
Client ID: ZZZZZZ	Batch ID: 32642	TestNo: E200.7	SW3005A	Analysis Date: 7/14/2011	SeqNo: 826876					
Analyte	Result	PQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dissolved Iron	1.04	0.0200	1.000	0.03000	102	75	125			

Sample ID: 1107072-08C-MSD	SampType: MSD	TestCode: FE_D	Units: mg/L	Prep Date: 7/14/2011	RunNo: 58887					
Client ID: ZZZZZZ	Batch ID: 32642	TestNo: E200.7	SW3005A	Analysis Date: 7/14/2011	SeqNo: 826877					
Analyte	Result	PQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dissolved Iron	1.04	0.0200	1.000	0.03000	101	75	125	1.045	0.384	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 R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107070
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: FE_T

Sample ID: 1107072-08B-MS	SampType: MS	TestCode: FE_T	Units: mg/L	Prep Date: 7/14/2011	RunNo: 58887					
Client ID: ZZZZZZ	Batch ID: 32644	TestNo: E200.7	SW3010A	Analysis Date: 7/14/2011	SeqNo: 826912					
Analyte	Result	PQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Iron	5.85	0.0200	1.000	79.2	75	125				

Sample ID: 1107072-08B-MSD	SampType: MSD	TestCode: FE_T	Units: mg/L	Prep Date: 7/14/2011	RunNo: 58887					
Client ID: ZZZZZZ	Batch ID: 32644	TestNo: E200.7	SW3010A	Analysis Date: 7/14/2011	SeqNo: 826913					
Analyte	Result	PQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Iron	5.84	0.0200	1.000	78.8	75	125	5.849	0.0684		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 R RPD outside accepted recovery limits

Wednesday, August 03, 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.: 1107148

Dear Mark Goldberg:

American Analytical Laboratories, LLC. received 3 sample(s) on 7/27/2011 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.

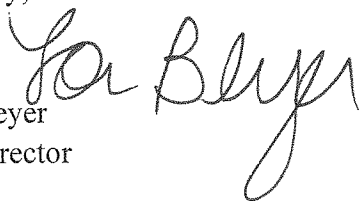
The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. 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.

Sincerely,

Lori Beyer
Lab Director



American Analytical Laboratories, LLC.

Date: 03-Aug-11

CLIENT: Leggette Brashears & Graham Inc.**Project:** Rowe**Lab Order:** 1107148**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Date Collected	Date Received
1107148-01A	WQ71911:1140NP2-6	7/19/2011 11:40:00 AM	7/27/2011
1107148-01B	WQ71911:1140NP2-6	7/19/2011 11:40:00 AM	7/27/2011
1107148-01C	WQ71911:1140NP2-6	7/19/2011 11:40:00 AM	7/27/2011
1107148-02A	WQ71911:1145NP2-7	7/19/2011 11:45:00 AM	7/27/2011
1107148-02B	WQ71911:1145NP2-7	7/19/2011 11:45:00 AM	7/27/2011
1107148-02C	WQ71911:1145NP2-7	7/19/2011 11:45:00 AM	7/27/2011
1107148-03A	WQ71911:1150NP2-10	7/19/2011 11:50:00 AM	7/27/2011
1107148-03B	WQ71911:1150NP2-10	7/19/2011 11:50:00 AM	7/27/2011
1107148-03C	WQ71911:1150NP2-10	7/19/2011 11:50:00 AM	7/27/2011
1107148-03D	WQ71911:1150NP2-10	7/19/2011 11:50:00 AM	7/27/2011

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

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

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

[illegible]

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

American Analytical Laboratories, LLC.

Sample Receipt Checklist

Client Name **LBG CT**

Date and Time Receive **7/27/2011 9:58:00 AM**

Work Order Number **1107148**

RcptNo: **1**

Received by **CF**

COC_ID:

CoolerID:

Checklist completed by

Chenana 7/27/11
Signature Date

Reviewed by

JOB 7/27/11
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 _____

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71911:1140NP2-6

Lab Order: 1107148

Collection Date: 7/19/2011 11:40:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107148-01A

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	7/28/2011 11:55:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/28/2011 11:55:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
2-Butanone	U	1.2	2.5	C	µg/L	1	7/28/2011 11:55:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/28/2011 11:55:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	7/28/2011 11:55:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/28/2011 11:55:00 PM
Acetone	U	1.2	2.5		µg/L	1	7/28/2011 11:55:00 PM
Benzene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71911:1140NP2-6

Lab Order: 1107148

Collection Date: 7/19/2011 11:40:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107148-01A

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	7/28/2011 11:55:00 PM
Bromoform	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Chloroform	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	7/28/2011 11:55:00 PM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Styrene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Tetrachloroethene	0.77	0.5	1.0	J	µg/L	1	7/28/2011 11:55:00 PM
Toluene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM

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

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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
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	LOQ	Limit of Quantitation	P	>40% diff for detected conc between the two GC columns
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71911:1140NP2-6

Lab Order: 1107148

Collection Date: 7/19/2011 11:40:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107148-01A

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	7/28/2011 11:55:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/28/2011 11:55:00 PM
Surr: 4-Bromofluorobenzene	85.4	0	63-123		%REC	1	7/28/2011 11:55:00 PM
Surr: Dibromofluoromethane	101	0	68-124		%REC	1	7/28/2011 11:55:00 PM
Surr: Toluene-d8	94.7	0	67-125		%REC	1	7/28/2011 11:55:00 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
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American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71911:1140NP2-6

Lab Order: 1107148

Collection Date: 7/19/2011 11:40:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107148-01B

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS				E200.7			Analyst: JP
Total Iron	4.19	0.005	0.0200		mg/L	1	7/28/2011 9:30:04 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71911:1140NP2-6

Lab Order: 1107148

Collection Date: 7/19/2011 11:40:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107148-01C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED				E200.7	SW3005A		Analyst: JP
Dissolved Iron	0.0130	0.005	0.0200	J	mg/L	1	7/28/2011 9:28:02 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71911:1145NP2-7

Lab Order: 1107148

Collection Date: 7/19/2011 11:45:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107148-02A

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	7/29/2011 12:18:00 AM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
1,1-Dichloroethene	U	0.5	1.0	C	µg/L	1	7/29/2011 12:18:00 AM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/29/2011 12:18:00 AM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
2-Butanone	U	1.2	2.5	C	µg/L	1	7/29/2011 12:18:00 AM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/29/2011 12:18:00 AM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
2-Hexanone	U	1.2	2.5	C	µg/L	1	7/29/2011 12:18:00 AM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/29/2011 12:18:00 AM
Acetone	U	1.2	2.5		µg/L	1	7/29/2011 12:18:00 AM
Benzene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Bromobenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71911:1145NP2-7

Lab Order: 1107148

Collection Date: 7/19/2011 11:45:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107148-02A

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	7/29/2011 12:18:00 AM
Bromoform	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Bromomethane	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Carbon disulfide	U	0.5	1.0	C	µg/L	1	7/29/2011 12:18:00 AM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Chloroethane	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Chloroform	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Chloromethane	U	0.5	1.0	C	µg/L	1	7/29/2011 12:18:00 AM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Dibromomethane	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
m,p-Xylene	U	1	2.0		µg/L	1	7/29/2011 12:18:00 AM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	7/29/2011 12:18:00 AM
Methylene chloride	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Naphthalene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
o-Xylene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Styrene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Tetrachloroethene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Toluene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Trichloroethene	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71911:1145NP2-7

Lab Order: 1107148

Collection Date: 7/19/2011 11:45:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107148-02A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC							
							Analyst: LA
Vinyl acetate	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/29/2011 12:18:00 AM
Surr: 4-Bromofluorobenzene	84.9	0	63-123		%REC	1	7/29/2011 12:18:00 AM
Surr: Dibromofluoromethane	101	0	68-124		%REC	1	7/29/2011 12:18:00 AM
Surr: Toluene-d8	91.1	0	67-125		%REC	1	7/29/2011 12:18:00 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71911:1145NP2-7

Lab Order: 1107148

Collection Date: 7/19/2011 11:45:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107148-02B

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS				E200.7	SW3010A		Analyst: JP
Total Iron	3.37	0.005	0.0200		mg/L	1	7/28/2011 9:34:11 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71911:1145NP2-7

Lab Order: 1107148

Collection Date: 7/19/2011 11:45:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107148-02C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED				E200.7	SW3005A		Analyst: JP
Dissolved Iron	0.0540	0.005	0.0200		mg/L	1	7/28/2011 9:32:07 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107148
Project: Rowe
Lab ID: 1107148-03A

Client Sample ID: WQ71911:1150NP2-10
Collection Date: 7/19/2011 11:50:00 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	7/29/2011 12:40:00 AM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/29/2011 12:40:00 AM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
2-Butanone	U	1.2	2.5	C	µg/L	1	7/29/2011 12:40:00 AM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/29/2011 12:40:00 AM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
2-Hexanone	U	1.2	2.5		µg/L	1	7/29/2011 12:40:00 AM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/29/2011 12:40:00 AM
Acetone	U	1.2	2.5		µg/L	1	7/29/2011 12:40:00 AM
Benzene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Bromobenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71911:1150NP2-10

Lab Order: 1107148

Collection Date: 7/19/2011 11:50:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107148-03A

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	7/29/2011 12:40:00 AM
Bromoform	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Bromomethane	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Chloroethane	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Chloroform	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Chloromethane	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Dibromomethane	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
m,p-Xylene	U	1	2.0		µg/L	1	7/29/2011 12:40:00 AM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Methylene chloride	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Naphthalene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
o-Xylene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Styrene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Tetrachloroethene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Toluene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Trichloroethene	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71911:1150NP2-10

Lab Order: 1107148

Collection Date: 7/19/2011 11:50:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107148-03A

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	7/29/2011 12:40:00 AM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/29/2011 12:40:00 AM
Surr: 4-Bromofluorobenzene	88.8	0	63-123		%REC	1	7/29/2011 12:40:00 AM
Surr: Dibromofluoromethane	102	0	68-124		%REC	1	7/29/2011 12:40:00 AM
Surr: Toluene-d8	93.4	0	67-125		%REC	1	7/29/2011 12:40:00 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71911:1150NP2-10

Lab Order: 1107148

Collection Date: 7/19/2011 11:50:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107148-03B

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS				E200.7	SW3010A		Analyst: JP
Total Iron	4.16	0.005	0.0200		mg/L	1	7/28/2011 9:46:57 AM

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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

S Spike Recovery outside accepted recovery limits

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

U Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71911:1150NP2-10

Lab Order: 1107148

Collection Date: 7/19/2011 11:50:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107148-03C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED				E200.7	SW3005A		Analyst: JP
Dissolved Iron	0.0700	0.005	0.0200		mg/L	1	7/28/2011 9:36:14 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71911:1150NP2-10

Lab Order: 1107148

Collection Date: 7/19/2011 11:50:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107148-03D

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL DISSOLVED SOLIDS				M2540C			Analyst: AB
Total Dissolved Solids (Residue, Filterable)	71.0	0	1.00	H	mg/L	1	7/29/2011

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

CLIENT: Leggett Brashears & Graham Inc.

Work Order: 1107148

Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: V624LCS-072811YW		SampType: LCS		TestCode: 8260MTBE11		Units: µg/L		Prep Date:		RunNo: 59153	
Client ID: LCSW		Batch ID: R59153		TestNo: SW8260C				Analysis Date: 7/28/2011		SeqNo: 830726	
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	36	1.0	50.00	0	71.3	38	136				
1,1,2,2-Tetrachloroethane	33	1.0	50.00	0	67.0	50	124				
1,1,2-Trichloroethane	33	1.0	50.00	0	65.8	52	128				
1,1-Dichloroethane	30	1.0	50.00	0	59.4	55	123				
1,1-Dichloroethene	35	1.0	50.00	0	69.9	48	128				
1,2-Dichlorobenzene	38	1.0	50.00	0	75.8	59	123				
1,2-Dichloroethane	36	1.0	50.00	0	71.3	52	129				
1,2-Dichloropropane	31	1.0	50.00	0	62.3	58	124				
1,3-Dichlorobenzene	38	1.0	50.00	0	76.6	51	124				
1,4-Dichlorobenzene	38	1.0	50.00	0	76.7	54	128				
2-Chloroethyl vinyl ether	32	2.0	50.00	0	64.9	25	141				
Benzene	31	1.0	50.00	0	61.3	53	131				
Bromodichloromethane	34	1.0	50.00	0	67.5	54	126				
Bromoform	37	1.0	50.00	0	73.4	53	127				
Bromomethane	39	1.0	50.00	0	77.3	42	150				
Carbon tetrachloride	37	1.0	50.00	0	74.0	46	135				
Chlorobenzene	38	1.0	50.00	0	75.7	53	121				
Chloroethane	43	1.0	50.00	0	87.0	40	145				
Chloroform	34	1.0	50.00	0	67.2	41	135				
Chloromethane	39	1.0	50.00	0	77.5	32	149				
cis-1,3-Dichloropropene	32	1.0	50.00	0	64.3	46	128				
Dibromochloromethane	40	1.0	50.00	0	79.3	42	124				
Ethylbenzene	36	1.0	50.00	0	71.0	52	135				
Tetrachloroethene	35	1.0	50.00	0	69.1	26	126				
Toluene	33	1.0	50.00	0	66.8	51	130				
trans-1,2-Dichloroethene	35	1.0	50.00	0	69.1	49	125				
trans-1,3-Dichloropropene	32	1.0	50.00	0	64.9	43	125				
Trichloroethene	38	1.0	50.00	0	75.1	47	127				
Trichlorofluoromethane	54	1.0	50.00	0	108	50	152				
Vinyl chloride	44	1.0	50.00	0	87.7	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
R RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107148
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: V624LCS-072811YW		SampType: LCS	TestCode: 8260MTBE11		Units: µg/L	Prep Date:		RunNo: 59153			
Client ID: LCSW		Batch ID: R59153	TestNo: SW8260C			Analysis Date: 7/28/2011		SeqNo: 830726			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	43		50.00		85.5	63	123				
Surr: Dibromofluoromethane	50		50.00		101	68	124				
Surr: Toluene-d8	47		50.00		93.9	67	125				

Sample ID: VBLK-072811YW		SampType: MBLK		TestCode: 8260MTBE11		Units: µg/L		Prep Date:		RunNo: 59153			
Client ID: PBW		Batch ID: R59153		TestNo: SW8260C				Analysis Date: 7/28/2011		SeqNo: 830727			
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									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
R RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107148
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-072811YW		SampType: MBLK		TestCode: 8260MTBE11		Units: µg/L		Prep Date:		RunNo: 59153		
Client ID: PBW		Batch ID: R59153		TestNo: SW8260C				Analysis Date: 7/28/2011		SeqNo: 830727		
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									

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
R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107148
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-072811YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59153						
Client ID: PBW	Batch ID: R59153	TestNo: SW8260C		Analysis Date: 7/28/2011	SeqNo: 830727						
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	43		50.00		87.0	63		123			
Surr: Dibromofluoromethane	49		50.00		98.5	68		124			
Surr: Toluene-d8	48		50.00		95.5	67		125			

Sample ID: V624LCS-072811YW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59153						
Client ID: LCSW	Batch ID: R59153A	TestNo: SW8260C		Analysis Date: 7/28/2011	SeqNo: 830730						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	37	1.0	50.00	0	74.7	38		136			
1,1,2,2-Tetrachloroethane	31	1.0	50.00	0	62.7	50		124			
1,1,2-Trichloroethane	32	1.0	50.00	0	64.1	52		128			
1,1-Dichloroethane	30	1.0	50.00	0	60.8	55		123			
1,1-Dichloroethene	31	1.0	50.00	0	62.6	48		128			C
1,2-Dichlorobenzene	38	1.0	50.00	0	76.2	59		123			
1,2-Dichloroethane	37	1.0	50.00	0	73.3	52		129			
1,2-Dichloropropane	30	1.0	50.00	0	60.0	58		124			
1,3-Dichlorobenzene	39	1.0	50.00	0	77.7	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
R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107148
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: V624LCS-072811YW		SampType: LCS		TestCode: 8260MTBE11		Units: µg/L		Prep Date:		RunNo: 59153	
Client ID: LCSW		Batch ID: R59153A		TestNo: SW8260C				Analysis Date: 7/28/2011		SeqNo: 830730	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	40	1.0	50.00	0	80.3	54	128				
2-Chloroethyl vinyl ether	30	2.0	50.00	0	59.1	25	141				
Benzene	31	1.0	50.00	0	62.0	53	131				
Bromodichloromethane	34	1.0	50.00	0	67.1	54	126				
Bromoform	35	1.0	50.00	0	70.4	53	127				
Bromomethane	36	1.0	50.00	0	71.7	42	150				
Carbon tetrachloride	39	1.0	50.00	0	78.5	46	135				
Chlorobenzene	39	1.0	50.00	0	77.7	53	121				
Chloroethane	49	1.0	50.00	0	97.7	40	145				
Chloroform	34	1.0	50.00	0	68.5	41	135				
Chloromethane	27	1.0	50.00	0	54.0	32	149				
cis-1,3-Dichloropropene	32	1.0	50.00	0	64.2	46	128				
Dibromochloromethane	39	1.0	50.00	0	78.2	42	124				
Ethylbenzene	36	1.0	50.00	0	72.2	52	135				
Tetrachloroethene	33	1.0	50.00	0	66.7	26	126				
Toluene	33	1.0	50.00	0	66.1	51	130				
trans-1,2-Dichloroethene	32	1.0	50.00	0	63.7	49	125				
trans-1,3-Dichloropropene	32	1.0	50.00	0	63.7	43	125				
Trichloroethene	40	1.0	50.00	0	79.5	47	127				
Trichlorofluoromethane	50	1.0	50.00	0	100	50	152				
Vinyl chloride	43	1.0	50.00	0	85.5	50	149				
Surr: 4-Bromofluorobenzene	43		50.00		86.8	63	123				
Surr: Dibromofluoromethane	51		50.00		102	68	124				
Surr: Toluene-d8	47		50.00		93.1	67	125				

Sample ID: VBLK-072811YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59153						
Client ID: PBW	Batch ID: R59153A	TestNo: SW8260C		Analysis Date: 7/28/2011	SeqNo: 830731						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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 R RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107148
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-072811YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59153						
Client ID: PBW	Batch ID: R59153A	TestNo: SW8260C		Analysis Date: 7/28/2011	SeqNo: 830731						
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									C
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									C
2-Chloroethyl vinyl ether	U	2.0									
2-Chlorotoluene	U	1.0									
2-Hexanone	U	2.5									C
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
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
R RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107148
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-072811YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59153						
Client ID: PBW	Batch ID: R59153A	TestNo: SW8260C		Analysis Date: 7/28/2011	SeqNo: 830731						
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									C
Carbon tetrachloride	U	1.0									
Chlorobenzene	U	1.0									
Chloroethane	U	1.0									
Chloroform	U	1.0									
Chloromethane	U	1.0									C
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									C
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/%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
R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107148
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-072811YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59153						
Client ID: PBW	Batch ID: R59153A	TestNo: SW8260C		Analysis Date: 7/28/2011	SeqNo: 830731						
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	43		50.00		85.7	63	123				
Surr: Dibromofluoromethane	51		50.00		103	68	124				
Surr: Toluene-d8	45		50.00		90.9	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
R RPD outside accepted recovery limits

CLIENT: Legette Brashears & Graham Inc.
Work Order: 1107148
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: FE_D

Sample ID: PBW-072711AD	SampType: MBLK	TestCode: FE_D	Units: mg/L	Prep Date: 7/27/2011	RunNo: 59086						
Client ID: PBW	Batch ID: 32781	TestNo: E200.7	SW3005A	Analysis Date: 7/28/2011	SeqNo: 830066						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: LCSW-072711AD	SampType: LCS	TestCode: FE_D	Units: mg/L	Prep Date: 7/27/2011	RunNo: 59086						
Client ID: LCSW	Batch ID: 32781	TestNo: E200.7	SW3005A	Analysis Date: 7/28/2011	SeqNo: 830067						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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 R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107148
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: TDS_W

Sample ID: BL	SampType: MBLK	TestCode: TDS_W	Units: mg/L	Prep Date:	RunNo: 59136						
Client ID: PBW	Batch ID: R59136	TestNo: M2540C		Analysis Date: 7/29/2011	SeqNo: 830664						
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 R RPD outside accepted recovery limits

American Analytical Laboratories, LLC.

Date: 03-Aug-11

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107148
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: FE_D

Sample ID: 1107149-03C-MS	SampType: MS	TestCode: FE_D	Units: mg/L	Prep Date: 7/27/2011	RunNo: 59086						
Client ID: ZZZZZZ	Batch ID: 32781	TestNo: E200.7	SW3005A	Analysis Date: 7/28/2011	SeqNo: 830085						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dissolved Iron	1.15	0.0200	1.000	0.1270	102	75	125				

Sample ID: 1107149-03C-MSD	SampType: MSD	TestCode: FE_D	Units: mg/L	Prep Date: 7/27/2011	RunNo: 59086						
Client ID: ZZZZZZ	Batch ID: 32781	TestNo: E200.7	SW3005A	Analysis Date: 7/28/2011	SeqNo: 830086						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dissolved Iron	1.14	0.0200	1.000	0.1270	102	75	125	1.148	0.436	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
R RPD outside accepted recovery limits

Wednesday, August 03, 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.: 1107149

Dear Mark Goldberg:

American Analytical Laboratories, LLC. received 3 sample(s) on 7/27/2011 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.

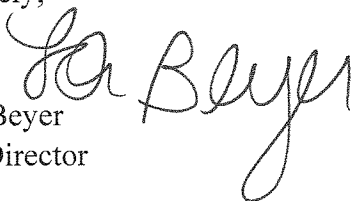
The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. 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



American Analytical Laboratories, LLC.

Date: 03-Aug-11

CLIENT: Leggette Brashears & Graham Inc.
Project: Rowe
Lab Order: 1107149

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date Collected	Date Received
1107149-01A	WQ72511:1320NP2-6	7/25/2011 1:20:00 PM	7/27/2011
1107149-01B	WQ72511:1320NP2-6	7/25/2011 1:20:00 PM	7/27/2011
1107149-01C	WQ72511:1320NP2-6	7/25/2011 1:20:00 PM	7/27/2011
1107149-02A	WQ72511:1325NP2-7	7/25/2011 1:25:00 PM	7/27/2011
1107149-02B	WQ72511:1325NP2-7	7/25/2011 1:25:00 PM	7/27/2011
1107149-02C	WQ72511:1325NP2-7	7/25/2011 1:25:00 PM	7/27/2011
1107149-03A	WQ72511:1330NP2-10	7/25/2011 1:30:00 PM	7/27/2011
1107149-03B	WQ72511:1330NP2-10	7/25/2011 1:30:00 PM	7/27/2011
1107149-03C	WQ72511:1330NP2-10	7/25/2011 1:30:00 PM	7/27/2011
1107149-03D	WQ72511:1330NP2-10	7/25/2011 1:30:00 PM	7/27/2011

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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

[illegible]

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT!

American Analytical Laboratories, LLC.

Sample Receipt Checklist

Client Name LBG CT

Date and Time Receive 7/27/2011 10:04:01 AM

Work Order Numbe 1107149

RcptNo: 1

Received by CF

COC_ID:

CoolerID:

Checklist completed by

CFenara 7/27/11
Signature Date

Reviewed by

JEB 7/27/11
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 _____

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ72511:1320NP2-6

Lab Order: 1107149

Collection Date: 7/25/2011 1:20:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107149-01A

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	7/29/2011 1:03:00 AM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
1,1-Dichloroethene	U	0.5	1.0	C	µg/L	1	7/29/2011 1:03:00 AM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/29/2011 1:03:00 AM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
2-Butanone	U	1.2	2.5	C	µg/L	1	7/29/2011 1:03:00 AM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/29/2011 1:03:00 AM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
2-Hexanone	U	1.2	2.5	C	µg/L	1	7/29/2011 1:03:00 AM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/29/2011 1:03:00 AM
Acetone	U	1.2	2.5		µg/L	1	7/29/2011 1:03:00 AM
Benzene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Bromobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM

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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
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American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ72511:1320NP2-6

Lab Order: 1107149

Collection Date: 7/25/2011 1:20:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107149-01A

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	7/29/2011 1:03:00 AM
Bromoform	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Bromomethane	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Carbon disulfide	U	0.5	1.0	C	µg/L	1	7/29/2011 1:03:00 AM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Chloroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Chloroform	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Chloromethane	U	0.5	1.0	C	µg/L	1	7/29/2011 1:03:00 AM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Dibromomethane	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
m,p-Xylene	U	1	2.0		µg/L	1	7/29/2011 1:03:00 AM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	7/29/2011 1:03:00 AM
Methylene chloride	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Naphthalene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
o-Xylene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Styrene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Tetrachloroethene	0.59	0.5	1.0	J	µg/L	1	7/29/2011 1:03:00 AM
Toluene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Trichloroethene	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ72511:1320NP2-6

Lab Order: 1107149

Collection Date: 7/25/2011 1:20:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107149-01A

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	7/29/2011 1:03:00 AM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/29/2011 1:03:00 AM
Surr: 4-Bromofluorobenzene	84.7	0	63-123		%REC	1	7/29/2011 1:03:00 AM
Surr: Dibromofluoromethane	101	0	68-124		%REC	1	7/29/2011 1:03:00 AM
Surr: Toluene-d8	91.5	0	67-125		%REC	1	7/29/2011 1:03:00 AM

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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
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American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ72511:1320NP2-6

Lab Order: 1107149

Collection Date: 7/25/2011 1:20:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107149-01B

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS				E200.7	SW3010A		Analyst: JP
Total Iron	4.55	0.005	0.0200		mg/L	1	7/28/2011 9:51:04 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ72511:1320NP2-6

Lab Order: 1107149

Collection Date: 7/25/2011 1:20:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107149-01C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED			E200.7		SW3005A		Analyst: JP
Dissolved Iron	0.0130	0.005	0.0200	J	mg/L	1	7/28/2011 9:49:01 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107149
Project: Rowe
Lab ID: 1107149-02A

Client Sample ID: WQ72511:1325NP2-7
Collection Date: 7/25/2011 1:25:00 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	7/29/2011 1:25:00 AM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
1,1-Dichloroethane	U	0.5	1.0	C	µg/L	1	7/29/2011 1:25:00 AM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/29/2011 1:25:00 AM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
2-Butanone	U	1.2	2.5	C	µg/L	1	7/29/2011 1:25:00 AM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/29/2011 1:25:00 AM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
2-Hexanone	U	1.2	2.5		µg/L	1	7/29/2011 1:25:00 AM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/29/2011 1:25:00 AM
Acetone	U	1.2	2.5		µg/L	1	7/29/2011 1:25:00 AM
Benzene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Bromobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM

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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
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American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107149
Project: Rowe
Lab ID: 1107149-02A

Client Sample ID: WQ72511:1325NP2-7
Collection Date: 7/25/2011 1:25:00 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	7/29/2011 1:25:00 AM
Bromoform	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Bromomethane	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Chloroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Chloroform	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Chloromethane	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Dibromomethane	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
m,p-Xylene	U	1	2.0		µg/L	1	7/29/2011 1:25:00 AM
Methyl tert-butyl ether	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Methylene chloride	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Naphthalene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
o-Xylene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Styrene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Tetrachloroethene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Toluene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Trichloroethene	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ72511:1325NP2-7

Lab Order: 1107149

Collection Date: 7/25/2011 1:25:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107149-02A

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	7/29/2011 1:25:00 AM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/29/2011 1:25:00 AM
Surr: 4-Bromofluorobenzene	88.9	0	63-123		%REC	1	7/29/2011 1:25:00 AM
Surr: Dibromofluoromethane	99.7	0	68-124		%REC	1	7/29/2011 1:25:00 AM
Surr: Toluene-d8	93.5	0	67-125		%REC	1	7/29/2011 1:25:00 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ72511:1325NP2-7

Lab Order: 1107149

Collection Date: 7/25/2011 1:25:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107149-02B

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS				E200.7	SW3010A		Analyst: JP
Total Iron	10.7	0.005	0.0200		mg/L	1	7/28/2011 9:55:10 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ72511:1325NP2-7

Lab Order: 1107149

Collection Date: 7/25/2011 1:25:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107149-02C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED				E200.7	SW3005A		Analyst: JP
Dissolved Iron	0.153	0.005	0.0200		mg/L	1	7/28/2011 9:53:07 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107149
Project: Rowe
Lab ID: 1107149-03A

Client Sample ID: WQ72511:1330NP2-10
Collection Date: 7/25/2011 1:30:00 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	7/29/2011 1:48:00 AM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
1,1-Dichloroethene	U	0.5	1.0	C	µg/L	1	7/29/2011 1:48:00 AM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/29/2011 1:48:00 AM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
2-Butanone	U	1.2	2.5	C	µg/L	1	7/29/2011 1:48:00 AM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/29/2011 1:48:00 AM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
2-Hexanone	U	1.2	2.5	C	µg/L	1	7/29/2011 1:48:00 AM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/29/2011 1:48:00 AM
Acetone	U	1.2	2.5		µg/L	1	7/29/2011 1:48:00 AM
Benzene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Bromobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM

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	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ72511:1330NP2-10

Lab Order: 1107149

Collection Date: 7/25/2011 1:30:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107149-03A

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	7/29/2011 1:48:00 AM
Bromoform	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Bromomethane	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Carbon disulfide	U	0.5	1.0	C	µg/L	1	7/29/2011 1:48:00 AM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Chloroethane	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Chloroform	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Chloromethane	U	0.5	1.0	C	µg/L	1	7/29/2011 1:48:00 AM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Dibromomethane	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
m,p-Xylene	U	1	2.0		µg/L	1	7/29/2011 1:48:00 AM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	7/29/2011 1:48:00 AM
Methylene chloride	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Naphthalene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
o-Xylene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Styrene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Tetrachloroethene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Toluene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Trichloroethene	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM

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	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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ72511:1330NP2-10

Lab Order: 1107149

Collection Date: 7/25/2011 1:30:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107149-03A

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	7/29/2011 1:48:00 AM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/29/2011 1:48:00 AM
Surr: 4-Bromofluorobenzene	84.2	0	63-123		%REC	1	7/29/2011 1:48:00 AM
Surr: Dibromofluoromethane	102	0	68-124		%REC	1	7/29/2011 1:48:00 AM
Surr: Toluene-d8	91.6	0	67-125		%REC	1	7/29/2011 1:48:00 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ72511:1330NP2-10

Lab Order: 1107149

Collection Date: 7/25/2011 1:30:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107149-03B

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS			E200.7		SW3010A		Analyst: JP
Total Iron	24.6	0.005	0.0200		mg/L	1	7/28/2011 9:59:16 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ72511:1330NP2-10

Lab Order: 1107149

Collection Date: 7/25/2011 1:30:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107149-03C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED				E200.7			Analyst: JP
Dissolved Iron	0.127	0.005	0.0200		mg/L	1	7/28/2011 9:57:14 AM

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 03-Aug-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ72511:1330NP2-10

Lab Order: 1107149

Collection Date: 7/25/2011 1:30:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107149-03D

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL DISSOLVED SOLIDS				M2540C			Analyst: AB
Total Dissolved Solids (Residue, Filterable)	58.0	0	1.00		mg/L	1	7/29/2011

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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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

CLIENT: Leggette Brashears & Graham Inc.

Work Order: 1107149

Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113 W

Sample ID: V624LCS-072811YW		SampType: LCS		TestCode: 8260MTBE11		Units: µg/L		Prep Date:		RunNo: 59154	
Client ID: LCSW		Batch ID: R59154		TestNo: SW8260C				Analysis Date: 7/28/2011		SeqNo: 830733	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	37	1.0	50.00	0	74.7	38	136				
1,1,2,2-Tetrachloroethane	31	1.0	50.00	0	62.7	50	124				
1,1,2-Trichloroethane	32	1.0	50.00	0	64.1	52	128				
1,1-Dichloroethane	30	1.0	50.00	0	60.8	55	123				
1,1-Dichloroethene	31	1.0	50.00	0	62.6	48	128				C
1,2-Dichlorobenzene	38	1.0	50.00	0	76.2	59	123				
1,2-Dichloroethane	37	1.0	50.00	0	73.3	52	129				
1,2-Dichloropropane	30	1.0	50.00	0	60.0	58	124				
1,3-Dichlorobenzene	39	1.0	50.00	0	77.7	51	124				
1,4-Dichlorobenzene	40	1.0	50.00	0	80.3	54	128				
2-Chloroethyl vinyl ether	30	2.0	50.00	0	59.1	25	141				
Benzene	31	1.0	50.00	0	62.0	53	131				
Bromodichloromethane	34	1.0	50.00	0	67.1	54	126				
Bromoform	35	1.0	50.00	0	70.4	53	127				
Bromomethane	36	1.0	50.00	0	71.7	42	150				
Carbon tetrachloride	39	1.0	50.00	0	78.5	46	135				
Chlorobenzene	39	1.0	50.00	0	77.7	53	121				
Chloroethane	49	1.0	50.00	0	97.7	40	145				
Chloroform	34	1.0	50.00	0	68.5	41	135				C
Chloromethane	27	1.0	50.00	0	54.0	32	149				
cis-1,3-Dichloropropene	32	1.0	50.00	0	64.2	46	128				
Dibromochloromethane	39	1.0	50.00	0	78.2	42	124				
Ethylbenzene	36	1.0	50.00	0	72.2	52	135				
Tetrachloroethene	33	1.0	50.00	0	66.7	26	126				
Toluene	33	1.0	50.00	0	66.1	51	130				
trans-1,2-Dichloroethene	32	1.0	50.00	0	63.7	49	125				
trans-1,3-Dichloropropene	32	1.0	50.00	0	63.7	43	125				
Trichloroethene	40	1.0	50.00	0	79.5	47	127				
Trichlorofluoromethane	50	1.0	50.00	0	100	50	152				
Vinyl chloride	43	1.0	50.00	0	85.5	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
R RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107149
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: V624LCS-072811YW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59154						
Client ID: LCSW	Batch ID: R59154	TestNo: SW8260C		Analysis Date: 7/28/2011	SeqNo: 830733						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	43		50.00		86.8	63	123				
Surr: Dibromofluoromethane	51		50.00		102	68	124				
Surr: Toluene-d8	47		50.00		93.1	67	125				

Sample ID: VBLK-072811YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59154						
Client ID: PBW	Batch ID: R59154	TestNo: SW8260C		Analysis Date: 7/28/2011	SeqNo: 830734						
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									

C

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
R RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107149
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-072811YW		SampType: MBLK		TestCode: 8260MTBE11		Units: µg/L		Prep Date:		RunNo: 59154		
Client ID: PBW		Batch ID: R59154		TestNo: SW8260C				Analysis Date: 7/28/2011		SeqNo: 830734		
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									C
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									C
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									C
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									C
Methylene chloride		U	1.0									
Naphthalene		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
R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107149
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-072811YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59154						
Client ID: PBW	Batch ID: R59154	TestNo: SW8260C		Analysis Date: 7/28/2011	SeqNo: 830734						
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	43		50.00		85.7	63		123			
Surr: Dibromofluoromethane	51		50.00		103	68		124			
Surr: Toluene-d8	45		50.00		90.9	67		125			

Sample ID: V624LCS-072811YW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59154						
Client ID: LCSW	Batch ID: R59154A	TestNo: SW8260C		Analysis Date: 7/28/2011	SeqNo: 830738						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	36	1.0	50.00	0	71.3	38		136			
1,1,2,2-Tetrachloroethane	33	1.0	50.00	0	67.0	50		124			
1,1,2-Trichloroethane	33	1.0	50.00	0	65.8	52		128			
1,1-Dichloroethane	30	1.0	50.00	0	59.4	55		123			C
1,1-Dichloroethene	35	1.0	50.00	0	69.9	48		128			
1,2-Dichlorobenzene	38	1.0	50.00	0	75.8	59		123			
1,2-Dichloroethane	36	1.0	50.00	0	71.3	52		129			
1,2-Dichloropropane	31	1.0	50.00	0	62.3	58		124			
1,3-Dichlorobenzene	38	1.0	50.00	0	76.6	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
R RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107149
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: V624LCS-072811YW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59154						
Client ID: LCSW	Batch ID: R59154A	TestNo: SW8260C		Analysis Date: 7/28/2011	SeqNo: 830738						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,4-Dichlorobenzene	38	1.0	50.00	0	76.7	54	128				
2-Chloroethyl vinyl ether	32	2.0	50.00	0	64.9	25	141				
Benzene	31	1.0	50.00	0	61.3	53	131				
Bromodichloromethane	34	1.0	50.00	0	67.5	54	126				
Bromoform	37	1.0	50.00	0	73.4	53	127				
Bromomethane	39	1.0	50.00	0	77.3	42	150				
Carbon tetrachloride	37	1.0	50.00	0	74.0	46	135				
Chlorobenzene	38	1.0	50.00	0	75.7	53	121				
Chloroethane	43	1.0	50.00	0	87.0	40	145				
Chloroform	34	1.0	50.00	0	67.2	41	135				
Chloromethane	39	1.0	50.00	0	77.5	32	149				
cis-1,3-Dichloropropene	32	1.0	50.00	0	64.3	46	128				
Dibromochloromethane	40	1.0	50.00	0	79.3	42	124				
Ethylbenzene	36	1.0	50.00	0	71.0	52	135				
Tetrachloroethene	35	1.0	50.00	0	69.1	26	126				
Toluene	33	1.0	50.00	0	66.8	51	130				
trans-1,2-Dichloroethene	35	1.0	50.00	0	69.1	49	125				
trans-1,3-Dichloropropene	32	1.0	50.00	0	64.9	43	125				
Trichloroethene	38	1.0	50.00	0	75.1	47	127				
Trichlorofluoromethane	54	1.0	50.00	0	108	50	152				
Vinyl chloride	44	1.0	50.00	0	87.7	50	149				
Surr: 4-Bromofluorobenzene	43		50.00		85.5	63	123				
Surr: Dibromofluoromethane	50		50.00		101	68	124				
Surr: Toluene-d8	47		50.00		93.9	67	125				

Sample ID: VBLK-072811YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59154						
Client ID: PBW	Batch ID: R59154A	TestNo: SW8260C		Analysis Date: 7/28/2011	SeqNo: 830739						
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 R RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107149
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-072811YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59154						
Client ID: PBW	Batch ID: R59154A	TestNo: SW8260C		Analysis Date: 7/28/2011	SeqNo: 830739						
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
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
R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
 Work Order: 1107149
 Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-072811YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59154						
Client ID: PBW	Batch ID: R59154A	TestNo: SW8260C		Analysis Date: 7/28/2011	SeqNo: 830739						
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/%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
 R RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107149
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-072811YW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59154						
Client ID: PBW	Batch ID: R59154A	TestNo: SW8260C		Analysis Date: 7/28/2011	SeqNo: 830739						
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	43		50.00		87.0	63	123				
Surr: Dibromofluoromethane	49		50.00		98.5	68	124				
Surr: Toluene-d8	48		50.00		95.5	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
R RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107149
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: FE_D

Sample ID: PBW-072711AD	SampType: MBLK	TestCode: FE_D	Units: mg/L	Prep Date: 7/27/2011	RunNo: 59086						
Client ID: PBW	Batch ID: 32781	TestNo: E200.7	SW3005A	Analysis Date: 7/28/2011	SeqNo: 830066						
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-072711AD	SampType: LCS	TestCode: FE_D	Units: mg/L	Prep Date: 7/27/2011	RunNo: 59086						
Client ID: LCSW	Batch ID: 32781	TestNo: E200.7	SW3005A	Analysis Date: 7/28/2011	SeqNo: 830067						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Dissolved Iron 1.96 0.0200 2.000 0 97.9 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 R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107149
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: TDS_W

Sample ID: BL	SampleType: MBLK	TestCode: TDS_W	Units: mg/L	Prep Date:	RunNo: 59136						
Client ID: PBW	Batch ID: R59136	TestNo: M2540C		Analysis Date: 7/29/2011	SeqNo: 830664						
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	R	RPD	outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.

Work Order: 1107149

Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: 1107149-03AMSD	SampType: MSD	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59154						
Client ID: WQ72511:1330NP2-	Batch ID: R59154	TestNo: SW8260C		Analysis Date: 7/29/2011	SeqNo: 830737						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	33	1.0	50.00	0	65.0	32	122	32.31	0.648	20	
1,1,2,2-Tetrachloroethane	26	1.0	50.00	0	51.1	30	130	26.46	3.54	20	
1,1,2-Trichloroethane	26	1.0	50.00	0	52.2	42	136	26.92	3.02	20	
1,1-Dichloroethane	26	1.0	50.00	0	51.4	26	121	24.40	5.15	20	
1,1-Dichloroethene	26	1.0	50.00	0	52.9	29	118	29.64	11.3	20	C
1,2-Dichlorobenzene	32	1.0	50.00	0	64.8	33	109	30.42	6.33	20	
1,2-Dichloroethane	32	1.0	50.00	0	63.7	26	120	31.52	1.01	20	
1,2-Dichloropropane	25	1.0	50.00	0	49.1	29	119	25.11	2.30	20	
1,3-Dichlorobenzene	33	1.0	50.00	0	65.8	35	111	31.97	2.90	20	
1,4-Dichlorobenzene	34	1.0	50.00	0	67.7	35	110	31.69	6.59	20	
Benzene	26	1.0	50.00	0	52.5	27	116	25.82	1.65	20	
Bromodichloromethane	29	1.0	50.00	0	57.1	32	110	28.01	1.91	20	
Bromoform	29	1.0	50.00	0	58.7	27	119	30.61	4.17	20	
Bromomethane	29	1.0	50.00	0	57.5	30	120	31.81	10.1	20	
Carbon tetrachloride	35	1.0	50.00	0	70.4	27	123	34.02	3.47	20	
Chlorobenzene	34	1.0	50.00	0	67.2	33	120	31.57	6.23	20	
Chloroethane	45	1.0	50.00	0	89.6	24	138	41.71	7.19	20	
Chloroform	29	1.0	50.00	0	58.5	29	128	29.71	1.59	20	
Chloromethane	22	1.0	50.00	0	44.1	20	118	29.64	29.4	20	RC
cis-1,3-Dichloropropene	25	1.0	50.00	0	50.2	27	110	25.41	1.19	20	
Dibromochloromethane	33	1.0	50.00	0	65.8	32	118	33.51	1.90	20	
Ethylbenzene	31	1.0	50.00	0	62.0	37	111	29.18	6.05	20	
Tetrachloroethene	29	1.0	50.00	0	57.1	20	125	29.95	4.82	20	
Toluene	28	1.0	50.00	0	55.8	30	120	27.67	0.828	20	
trans-1,2-Dichloroethene	26	1.0	50.00	0	52.7	27	115	29.61	11.6	20	
trans-1,3-Dichloropropene	25	1.0	50.00	0	50.9	20	123	25.71	1.06	20	
Trichloroethene	33	1.0	50.00	0	66.5	24	122	32.52	2.22	20	
Trichlorofluoromethane	47	1.0	50.00	0	94.0	30	129	48.06	2.25	20	
Vinyl chloride	35	1.0	50.00	0	70.6	20	141	36.67	3.78	20	
Surr: 4-Bromofluorobenzene	42		50.00		84.2	63	123		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
R RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107149
Project: Rowe

ANALYTICAL QC SUMMARY REPORT
TestCode: 8260MTBE113_W

Sample ID: 1107149-03AMSD	SampType: MSD	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59154						
Client ID: WQ72511:1330NP2-	Batch ID: R59154	TestNo: SW8260C		Analysis Date: 7/29/2011	SeqNo: 830737						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 1107149-03AMS	SampType: MS	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 59154						
Client ID: WQ72511:1330NP2-	Batch ID: R59154A	TestNo: SW8260C		Analysis Date: 7/29/2011	SeqNo: 830741						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	32	1.0	50.00	0	64.6	32	122				
1,1,2,2-Tetrachloroethane	26	1.0	50.00	0	52.9	30	130				
1,1,2-Trichloroethane	27	1.0	50.00	0	53.8	42	136				
1,1-Dichloroethane	24	1.0	50.00	0	48.8	26	121				
1,1-Dichloroethene	30	1.0	50.00	0	59.3	29	118				
1,2-Dichlorobenzene	30	1.0	50.00	0	60.8	33	109				
1,2-Dichloroethane	32	1.0	50.00	0	63.0	26	120				
1,2-Dichloropropane	25	1.0	50.00	0	50.2	29	119				
1,3-Dichlorobenzene	32	1.0	50.00	0	63.9	35	111				
1,4-Dichlorobenzene	32	1.0	50.00	0	63.4	35	110				
Benzene	26	1.0	50.00	0	51.6	27	116				
Bromodichloromethane	28	1.0	50.00	0	56.0	32	110				
Bromoform	31	1.0	50.00	0	61.2	27	119				
Bromomethane	32	1.0	50.00	0	63.6	30	120				
Carbon tetrachloride	34	1.0	50.00	0	68.0	27	123				
Chlorobenzene	32	1.0	50.00	0	63.1	33	120				
Chloroethane	42	1.0	50.00	0	83.4	24	138				
Chloroform	30	1.0	50.00	0	59.4	29	128				
Chloromethane	30	1.0	50.00	0	59.3	20	118				
cis-1,3-Dichloropropene	25	1.0	50.00	0	50.8	27	110				
Dibromochloromethane	34	1.0	50.00	0	67.0	32	118				
Ethylbenzene	29	1.0	50.00	0	58.4	37	111				
Tetrachloroethene	30	1.0	50.00	0	59.9	20	125				
Toluene	28	1.0	50.00	0	55.3	30	120				

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
R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107149
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: 1107149-03AMS		SampType: MS	TestCode: 8260MTBE11		Units: µg/L	Prep Date:		RunNo: 59154			
Client ID: WQ72511:1330NP2-		Batch ID: R59154A	TestNo: SW8260C			Analysis Date: 7/29/2011		SeqNo: 830741			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	30	1.0	50.00	0	59.2	27	115				
trans-1,3-Dichloropropene	26	1.0	50.00	0	51.4	20	123				
Trichloroethene	33	1.0	50.00	0	65.0	24	122				
Trichlorofluoromethane	48	1.0	50.00	0	96.1	30	129				
Vinyl chloride	37	1.0	50.00	0	73.3	20	141				
Surr: 4-Bromofluorobenzene	42		50.00		84.3	63	123				
Surr: Dibromofluoromethane	53		50.00		105	68	124				
Surr: Toluene-d8	46		50.00		93.0	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 R RPD outside accepted recovery limits

CLIENT: Legette Brashears & Graham Inc.
Work Order: 1107149
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: FE_D

Sample ID: 1107149-03C-MS	SampType: MS	TestCode: FE_D	Units: mg/L	Prep Date: 7/27/2011	RunNo: 59086						
Client ID: WQ72511:1330NP2-	Batch ID: 32781	TestNo: E200.7	SW3005A	Analysis Date: 7/28/2011	SeqNo: 830085						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dissolved Iron	1.15	0.0200	1.000	0.1270	102	75	125				

Sample ID: 1107149-03C-MSD	SampType: MSD	TestCode: FE_D	Units: mg/L	Prep Date: 7/27/2011	RunNo: 59086						
Client ID: WQ72511:1330NP2-	Batch ID: 32781	TestNo: E200.7	SW3005A	Analysis Date: 7/28/2011	SeqNo: 830086						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dissolved Iron	1.14	0.0200	1.000	0.1270	102	75	125	1.148	0.436		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
R RPD outside accepted recovery limits

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Sample Receipt Documentation	16
Total Number of Pages	18

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

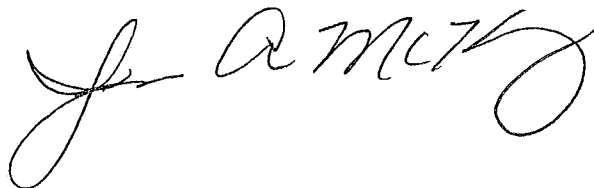
Rowe-NABSAG 0401

Lot #: H1G080405

Mark Goldberg

Leggette, Brashears & Graham,
4 Research Drive
Suite #301
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TESTAMERICA LABORATORIES, INC.



Jamie A. McKinney
Project Manager

July 19, 2011

ANALYTICAL METHODS SUMMARY

H1G080405

<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

H1G080405

WO #	SAMPLE#	CLIENT	SAMPLE ID	SAMPLED DATE	SAMP TIME
MKQK9	001	AQ7611:1420NP4-1		07/06/11	14:20
MKQLA	002	AQ7611:1425NP4-2		07/06/11	14:25
MKQLD	003	AQ7611:1430NP4-3		07/06/11	14:30

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 H1G080405

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 7/8/11 in Tedlar bags and analyzed within 72 hours of sampling.

TestAmerica Knoxville maintains the following certifications, approvals and accreditations: Arkansas DEQ Lab #88-0688, California ELAP Cert. #2423, Colorado DPHE, Connecticut DPH Lab #PH-0223, DoD ELAP Cert. #ADE-1434, Florida DOH Lab #E87177, Georgia DNR Lab #906, Hawaii DOH, Indiana DOH Lab #C-TN-02, Iowa DNR Lab #375, Kansas DHE Cert. #E-10349, Kentucky EEC Lab #90101, Louisiana DEQ AI# 83979 Cert. #03079, Louisiana DOHH, Maryland DOE Cert #277, Michigan DNRE Lab #9933, Minnesota DOH ELAP Lab #047-999-429, Nevada DEP Lab #TN00009, New Jersey DEP Lab #TN001, New York DOH Lab #10781, North Carolina DHHS Lab #21705, North Carolina DENR Cert. #64, Ohio EPA VAP Lab #CL0059, Oklahoma DEQ Lab #9415, Pennsylvania DEP Lab #68-00576, South Carolina DHEC Cert #84001001, Tennessee DEC Lab #02014, Texas CEQ, Utah DOH Lab # QUAN3, Virginia DGS Lab #00165, Washington DOE Lab #C593, West Virginia DEP Cert. #345, West Virginia DHHR Cert #9955C, Wisconsin DNR Lab #998044300, and USDA Soil Permit #P330-11-00035. This list of approvals is subject to change and does not imply that laboratory certification is available for all parameters reported in this environmental sample data report.

Sample Data Summary

Leggette, Brashears & Graham, Inc.
 Client Sample ID: AQ7611:1420NP4-1
 GC/MS Volatiles

Lot-Sample # H1G080405 - 001 Work Order # MKQK91AA Matrix.....: AIR

Date Sampled...: 07/06/2011 Date Received...: 07/08/2011
 Prep Date.....: 07/08/2011 Analysis Date...: 07/08/2011
 Prep Batch #.....: 1189108
 Dilution Factor.: 5 Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
Benzene	0.35	1.0	1.1	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	ND	2.5	ND		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	1.0	1.0	4.9		4.9
Chloromethane	0.88	2.5	1.8	J	5.2
1,1-Dichloroethane	1.6	1.0	6.4		4.0
1,2-Dichloroethane	ND	1.0	ND		4.0
cis-1,2-Dichloroethene	2.4	1.0	9.5		4.0
trans-1,2-Dichloroethene	ND	1.0	ND		4.0
1,1-Dichloroethene	0.24	1.0	0.94	J	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	4.9	2.5	17	B	8.7
Styrene	1.7	1.0	7.3		4.3
1,1,2,2-Tetrachloroethane	ND	1.0	ND		6.9
Tetrachloroethene	9.7	1.0	66		6.8
Toluene	1.6	1.0	5.9		3.8
1,1,1-Trichloroethane	3.1	1.0	17		5.5
1,1,2-Trichloroethane	ND	1.0	ND		5.5
Trichloroethene	1.1	1.0	6.1		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	108	60 - 140

Leggette, Brashears & Graham, Inc.
Client Sample ID: AQ7611:1420NP4-1
GC/MS Volatiles

Lot-Sample # H1G080405 - 001

Work Order # MKQK91AA

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: AQ7611:1425NP4-2
GC/MS Volatiles

Lot-Sample # H1G080405 - 002 **Work Order #** MKQLA1AA **Matrix.....:** AIR

Date Sampled...: 07/06/2011 **Date Received...:** 07/08/2011
Prep Date.....: 07/08/2011 **Analysis Date...** 07/08/2011
Prep Batch #....: 1189108
Dilution Factor.: 5 **Method.....:** TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)		REPORTING LIMIT (ug/m3)
Benzene	0.43	1.0	1.4	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	ND	2.5	ND		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	0.91	2.5	1.9	J	5.2
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
Methylene chloride	1.9	2.5	6.5	J B	8.7
Styrene	1.8	1.0	7.8		4.3
1,1,2,2-Tetrachloroethane	ND	1.0	ND		6.9
Tetrachloroethene	20	1.0	140		6.8
Toluene	1.5	1.0	5.6		3.8
1,1,1-Trichloroethane	2.4	1.0	13		5.5
1,1,2-Trichloroethane	ND	1.0	ND		5.5
Trichloroethene	3.0	1.0	16		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	109	60 - 140

Leggette, Brashears & Graham, Inc.
Client Sample ID: AQ7611:1425NP4-2
GC/MS Volatiles

Lot-Sample # H1G080405 - 002

Work Order # MKQLA1AA

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: AQ7611:1430NP4-3
 GC/MS Volatiles

Lot-Sample # H1G080405 - 003 Work Order # MKQLD1AA Matrix.....: AIR

Date Sampled...: 07/06/2011 Date Received...: 07/08/2011
 Prep Date.....: 07/08/2011 Analysis Date... 07/08/2011
 Prep Batch #.....: 1189108
 Dilution Factor.: 5 Method.....: TO-15

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Benzene	ND	1.0	ND	3.2
Bromodichloromethane	ND	1.0	ND	6.7
Bromoform	ND	1.0	ND	10
Bromomethane	ND	1.0	ND	3.9
Carbon disulfide	ND	2.5	ND	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	1.3	2.5	2.7 J	5.2
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
Methylene chloride	1.2	2.5	4.3 J B	8.7
Styrene	2.5	1.0	11	4.3
1,1,2,2-Tetrachloroethane	ND	1.0	ND	6.9
Tetrachloroethene	ND	1.0	ND	6.8
Toluene	1.3	1.0	4.9	3.8
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	0.78	1.0	3.4 J	4.3
o-Xylene	ND	1.0	ND	4.3

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	124	60 - 140

Leggette, Brashears & Graham, Inc.
Client Sample ID: AQ7611:1430NP4-3
GC/MS Volatiles

Lot-Sample # H1G080405 - 003

Work Order # MKQLD1AA

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 # H1G080000 - 108B **Work Order #** MKQ0V1AA **Matrix.....:** AIR

Prep Date.....: 07/06/2011 **Date Received...:** 07/07/2011
Prep Date.....: 07/08/2011 **Analysis Date...:** 07/08/2011
Prep Batch #.....: 1189108
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
Methylene chloride	0.050	0.50	0.17	J 1.7
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	104	60 - 140

Leggette, Brashears & Graham, Inc.
Client Sample ID: INTRA-LAB BLANK
GC/MS Volatiles

Lot-Sample # H1G080000 - 108B

Work Order # MKQ0V1AA

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 & Graham, Inc.
Client Sample ID: CHECK SAMPLE
GC/MS Volatiles

Lot-Sample # H1G080000 - 108C

Work Order # MKQ0V1AC

Matrix.....: AIR

Prep Date.....: 07/06/2011

Date Received..: 07/07/2011

Prep Date.....: 07/08/2011

Analysis Date... 07/08/2011

Prep Batch #.....: 1189108

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	5.02	16	16	100	70 - 130
Bromodichloromethane	5.00	5.54	34	37	111	70 - 130
Bromoform	5.00	5.10	52	53	102	60 - 140
Bromomethane	5.00	4.75	19	18	95	70 - 130
Carbon disulfide	5.00	5.57	16	17	111	70 - 130
Carbon tetrachloride	5.00	5.30	31	33	106	70 - 130
Chlorobenzene	5.00	5.01	23	23	100	70 - 130
Dibromochloromethane	5.00	5.36	43	46	107	70 - 130
Chloroethane	5.00	5.37	13	14	107	70 - 130
Chloroform	5.00	5.90	24	29	118	70 - 130
Chloromethane	5.00	6.15	10	13	123	60 - 140
1,1-Dichloroethane	5.00	6.04	20	24	121	70 - 130
1,2-Dichloroethane	5.00	6.11	20	25	122	70 - 130
cis-1,2-Dichloroethene	5.00	5.50	20	22	110	70 - 130
trans-1,2-Dichloroethene	5.00	5.26	20	21	105	70 - 130
1,1-Dichloroethene	5.00	6.32	20	25	126	70 - 130
1,2-Dichloropropane	5.00	5.33	23	25	107	70 - 130
cis-1,3-Dichloropropene	5.00	5.19	23	24	104	70 - 130
trans-1,3-Dichloropropene	5.00	5.50	23	25	110	70 - 130
Ethylbenzene	5.00	5.59	22	24	112	70 - 130
Methylene chloride	5.00	5.72	17	20	114	70 - 130
Styrene	5.00	5.46	21	23	109	70 - 130
1,1,2,2-Tetrachloroethane	5.00	5.71	34	39	114	70 - 130
Tetrachloroethene	5.00	4.87	34	33	97	70 - 130
Toluene	5.00	5.22	19	20	104	70 - 130
1,1,1-Trichloroethane	5.00	6.13	27	33	123	70 - 130
1,1,2-Trichloroethane	5.00	5.18	27	28	104	70 - 130
Trichloroethene	5.00	4.90	27	26	98	70 - 130
Vinyl chloride	5.00	5.17	13	13	103	70 - 130
m-Xylene & p-Xylene	10.0	11.2	43	49	112	70 - 130
o-Xylene	5.00	5.60	22	24	112	70 - 130

SURROGATE	PERCENT RECOVERY	LABORATORY CONTROL LIMITS (%)
4-Bromofluorobenzene	108	60 - 140

Leggette, Brashears & Graham, Inc.
Client Sample ID: CHECK SAMPLE
GC/MS Volatiles

Lot-Sample # H1G080000 - 108C

Work Order # MKQ0V1AC

Matrix.....: AIR

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

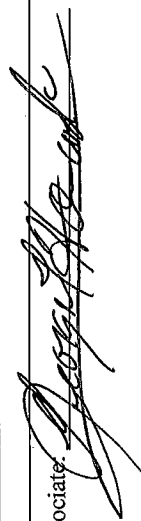
Client Contact		Project Manager: <u>M. Boldberg</u>		Site Contact: <u>S. Hunt</u>		COC Record _____ of _____	
Company Name <u>LBG</u>		Tel/Mobile:		Lab Contact: <u>J. McKinney</u>		COC No: <u>02698</u>	
Address <u>4 Research Dr. Suite 301</u>		Analysis Turnaround Time		Lab Use Only:			
City/State/Zip <u>Shepton, CT 06484</u>		Calendar (C) or Work Days (W) _____		Custody Seals Intact? <u>Y</u> N NA			
Phone <u>203 944 5000 x 230</u>		TAT if different from Below _____		Number of Packages: <u>1 cooler</u>			
Project Name/Number: <u>Rowe</u>		☒ 2 weeks		Temperature: <u>Ar-biost Temp deg C</u>			
Site: <u>Sea Harbor</u>		☐ 1 week		Shipper: <u>X</u> FedEx UPS Other:			
PO # _____		☐ 2 days		Tracking Number: <u>7972 7763 0267</u>			
Sampled by: <u>S. Hunt</u>		☐ 1 day		Recorded by: <u>[Signature]</u> Date: <u>7/6/11</u>			
Sample Identification		Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Sample Specific Notes:
<u>AD7611: 1420MP4-1</u>	<u>7/6/11</u>	<u>1420</u>	<u>G</u>	<u>A</u>	<u>2</u>	<u>X</u>	
<u>AD7611: 1425MP4-2</u>	<u>7/6/11</u>	<u>1425</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>X</u>	
<u>AD7611: 1430MP4-3</u>	<u>7/6/11</u>	<u>1430</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>X</u>	<u>1 cooler Rec'd @ Ar-biost Temp</u>
Preservation Used: 1= Ice, 2= HCl; 3= H ₂ SO ₄ ; 4= HNO ₃ ; 5= NaOH; 6= Na ₂ S ₂ O ₃ Other: _____							
Possible Hazard Identification							
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown							
Special Instructions/QC Requirements & Comments:							
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months							
Relinquished by: <u>[Signature]</u>		Company: <u>LBG</u>		Received by: <u>[Signature]</u>		Date/Time: <u>7/8/11 10:05</u>	
Relinquished by:		Company:		Received by:		Date/Time:	
Relinquished by:		Company:		Received by:		Date/Time:	

RETURN WHITE COPY TO LAB WITH SAMPLES
KEEP YELLOW COPY FOR YOUR RECORDS

TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Lot Number: H1G080405

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken
1. Do sample container labels match COC? (IDs, Dates, Times)	✓			☐ 1a Do not match COC ☐ 1b Incomplete information ☐ 1c Marking smeared ☐ 1d Label torn ☐ 1e No label ☐ 1f COC not received ☐ 1g Other:	
2. Is the cooler temperature within limits? (> freezing temp. of water to 6°C, VOST: 10°C)	✓			☐ 2a Temp Blank = _____ ☐ 2b Cooler Temp = _____ ☐ 2c Cooling initiated for recently collected samples, ice present. ☐ 3a Sample preservative = _____	
3. Were samples received with correct chemical preservative (excluding Encore)?			✓		
4. Were custody seals present/intact on cooler and/or containers?	✓			☐ 4a Not present ☐ 4b Not intact ☐ 4c Other:	
5. Were all of the samples listed on the COC received?	✓			☐ 5a Samples received-not on COC ☐ 5b Samples not received-on COC	
6. Were all of the sample containers received intact?	✓			☐ 6a Leaking ☐ 6b Broken	
7. Were VOA samples received without headspace?			✓	☐ 7a Headspace (VOA only)	
8. Were samples received in appropriate containers?	✓			☐ 8a Improper container	
9. Did you check for residual chlorine, if necessary?			✓	☐ 9a Could not be determined due to matrix interference	
10. Were samples received within holding time?	✓			☐ 10a Holding time expired	
11. For rad samples, was sample activity info. provided?			✓	☐ Incomplete information	
12. For 1613B water samples is pH<9?			✓	If no, was pH adjusted to pH 7 - 9 with sulfuric acid?	
13. Are the shipping containers intact?				☐ 13a Leaking ☐ 13b Other:	
14. Was COC relinquished? (Signed/Dated/Timed)	✓			☐ 14a Not relinquished	
15. Are tests/parameters listed for each sample?	✓			☐ 15a Incomplete information	
16. Is the matrix of the samples noted?	✓			☐ 15a Incomplete information	
17. Is the date/time of sample collection noted?	✓			☐ 15a Incomplete information	
18. Is the client and project name/# identified?	✓			☐ 15a Incomplete information	
19. Was the sampler identified on the COC?	✓			☐ 15a Incomplete information	
Quote #: <u>69610</u> PM Instructions: _____					

Sample Receiving Associate:  Date: 7/4/11

QA026R22.doc, 012811

Wednesday, July 20, 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.: 1107072

Dear Mark Goldberg:

American Analytical Laboratories, LLC. received 8 sample(s) on 7/14/2011 for the analyses presented in the following report.

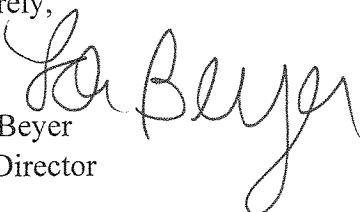
Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

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 54 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

American Analytical Laboratories, LLC.

Date: 20-Jul-11

CLIENT: Leggette Brashears & Graham Inc.**Project:** Rowe**Lab Order:** 1107072**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Date Collected	Date Received
1107072-01A	GWQ71211:1100NP1-1-2	7/12/2011 11:00:00 AM	7/14/2011
1107072-01B	GWQ71211:1100NP1-1-2	7/12/2011 11:00:00 AM	7/14/2011
1107072-01C	GWQ71211:1100NP1-1-2	7/12/2011 11:00:00 AM	7/14/2011
1107072-02A	GWQ71211:1110NP1-1-3	7/12/2011 11:10:00 AM	7/14/2011
1107072-02B	GWQ71211:1110NP1-1-3	7/12/2011 11:10:00 AM	7/14/2011
1107072-02C	GWQ71211:1110NP1-1-3	7/12/2011 11:10:00 AM	7/14/2011
1107072-03A	GWQ71211:1120NP1-1-4	7/12/2011 11:20:00 AM	7/14/2011
1107072-03B	GWQ71211:1120NP1-1-4	7/12/2011 11:20:00 AM	7/14/2011
1107072-03C	GWQ71211:1120NP1-1-4	7/12/2011 11:20:00 AM	7/14/2011
1107072-04A	GWQ71211:1130NP1-1-5	7/12/2011 11:30:00 AM	7/14/2011
1107072-04B	GWQ71211:1130NP1-1-5	7/12/2011 11:30:00 AM	7/14/2011
1107072-04C	GWQ71211:1130NP1-1-5	7/12/2011 11:30:00 AM	7/14/2011
1107072-05A	GWQ71211:1140NP1-1-6	7/12/2011 11:40:00 AM	7/14/2011
1107072-05B	GWQ71211:1140NP1-1-6	7/12/2011 11:40:00 AM	7/14/2011
1107072-05C	GWQ71211:1140NP1-1-6	7/12/2011 11:40:00 AM	7/14/2011
1107072-06A	GWQ71211:1150NP1-1-7	7/12/2011 11:50:00 AM	7/14/2011
1107072-06B	GWQ71211:1150NP1-1-7	7/12/2011 11:50:00 AM	7/14/2011
1107072-06C	GWQ71211:1150NP1-1-7	7/12/2011 11:50:00 AM	7/14/2011
1107072-07A	GWQ71211:1200NP1-1-8	7/12/2011 12:00:00 PM	7/14/2011
1107072-07B	GWQ71211:1200NP1-1-8	7/12/2011 12:00:00 PM	7/14/2011
1107072-07C	GWQ71211:1200NP1-1-8	7/12/2011 12:00:00 PM	7/14/2011
1107072-08A	GWQ71211:1210NP1-1-9	7/12/2011 12:10:00 PM	7/14/2011
1107072-08B	GWQ71211:1210NP1-1-9	7/12/2011 12:10:00 PM	7/14/2011
1107072-08C	GWQ71211:1210NP1-1-9	7/12/2011 12:10:00 PM	7/14/2011

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

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

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

[illegible]

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

American Analytical Laboratories, LLC.

Sample Receipt Checklist

Client Name **LBG CT**

Date and Time Receive **7/14/2011 10:05:01 AM**

Work Order Numbe **1107072**

RcptNo: **1**

Received by **CF**

COC_ID:

CoolerID:

Checklist completed by

CFMara
Signature

7/14/11
Date

Reviewed by

SB
Initials

7/14/11
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 _____

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1100NP1-1-2

Lab Order: 1107072

Collection Date: 7/12/2011 11:00:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-01A

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	7/18/2011 3:40:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/18/2011 3:40:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	7/18/2011 3:40:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/18/2011 3:40:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	7/18/2011 3:40:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/18/2011 3:40:00 PM
Acetone	U	1.2	2.5		µg/L	1	7/18/2011 3:40:00 PM
Benzene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107072
Project: Rowe
Lab ID: 1107072-01A

Client Sample ID: GWQ71211:1100NP1-1-2
Collection Date: 7/12/2011 11:00:00 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	7/18/2011 3:40:00 PM
Bromoform	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Chloroform	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	7/18/2011 3:40:00 PM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	7/18/2011 3:40:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Styrene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Toluene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107072
Project: Rowe
Lab ID: 1107072-01A

Client Sample ID: GWQ71211:1100NP1-1-2
Collection Date: 7/12/2011 11:00:00 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	C	µg/L	1	7/18/2011 3:40:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/18/2011 3:40:00 PM
Surr: 4-Bromofluorobenzene	98.3	0	60-130		%REC	1	7/18/2011 3:40:00 PM
Surr: Dibromofluoromethane	98.1	0	63-127		%REC	1	7/18/2011 3:40:00 PM
Surr: Toluene-d8	92.0	0	61-128		%REC	1	7/18/2011 3:40:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1100NP1-1-2

Lab Order: 1107072

Collection Date: 7/12/2011 11:00:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-01B

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS				E200.7	SW3010A		Analyst: JP
Total Iron	2.71	0.005	0.0200		mg/L	1	7/14/2011 1:45:38 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1100NP1-1-2

Lab Order: 1107072

Collection Date: 7/12/2011 11:00:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-01C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED				E200.7		SW3005A	Analyst: JP
Dissolved Iron	0.0130	0.005	0.0200	J	mg/L	1	7/14/2011 1:43:35 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107072
Project: Rowe
Lab ID: 1107072-02A

Client Sample ID: GWQ71211:1110NP1-1-3
Collection Date: 7/12/2011 11:10:00 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	7/18/2011 4:04:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/18/2011 4:04:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	7/18/2011 4:04:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/18/2011 4:04:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	7/18/2011 4:04:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/18/2011 4:04:00 PM
Acetone	U	1.2	2.5		µg/L	1	7/18/2011 4:04:00 PM
Benzene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM

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	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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107072
Project: Rowe
Lab ID: 1107072-02A

Client Sample ID: GWQ71211:1110NP1-1-3
Collection Date: 7/12/2011 11:10:00 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	7/18/2011 4:04:00 PM
Bromoform	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Chloroform	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	7/18/2011 4:04:00 PM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	7/18/2011 4:04:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Styrene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Toluene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107072
Project: Rowe
Lab ID: 1107072-02A

Client Sample ID: GWQ71211:1110NP1-1-3
Collection Date: 7/12/2011 11:10:00 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	C	µg/L	1	7/18/2011 4:04:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/18/2011 4:04:00 PM
Surr: 4-Bromofluorobenzene	100	0	60-130		%REC	1	7/18/2011 4:04:00 PM
Surr: Dibromofluoromethane	100	0	63-127		%REC	1	7/18/2011 4:04:00 PM
Surr: Toluene-d8	94.8	0	61-128		%REC	1	7/18/2011 4:04:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1110NP1-1-3

Lab Order: 1107072

Collection Date: 7/12/2011 11:10:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-02B

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS							
Total Iron	2.29	0.005	0.0200	E200.7	mg/L	SW3010A 1	Analyst: JP 7/14/2011 2:02:12 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1110NP1-1-3

Lab Order: 1107072

Collection Date: 7/12/2011 11:10:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-02C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED				E200.7	SW3005A		Analyst: JP
Dissolved Iron	0.611	0.005	0.0200		mg/L	1	7/14/2011 2:00:09 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107072
Project: Rowe
Lab ID: 1107072-03A

Client Sample ID: GWQ71211:1120NP1-1-4
Collection Date: 7/12/2011 11:20:00 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	7/18/2011 6:06:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/18/2011 6:06:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	7/18/2011 6:06:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/18/2011 6:06:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	7/18/2011 6:06:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/18/2011 6:06:00 PM
Acetone	U	1.2	2.5		µg/L	1	7/18/2011 6:06:00 PM
Benzene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107072
Project: Rowe
Lab ID: 1107072-03A

Client Sample ID: GWQ71211:1120NP1-1-4
Collection Date: 7/12/2011 11:20:00 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	7/18/2011 6:06:00 PM
Bromoform	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Chloroform	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	7/18/2011 6:06:00 PM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	7/18/2011 6:06:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Styrene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Toluene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1120NP1-1-4

Lab Order: 1107072

Collection Date: 7/12/2011 11:20:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-03A

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	C	µg/L	1	7/18/2011 6:06:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/18/2011 6:06:00 PM
Surr: 4-Bromofluorobenzene	95.7	0	60-130		%REC	1	7/18/2011 6:06:00 PM
Surr: Dibromofluoromethane	97.7	0	63-127		%REC	1	7/18/2011 6:06:00 PM
Surr: Toluene-d8	92.8	0	61-128		%REC	1	7/18/2011 6:06:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107072
Project: Rowe
Lab ID: 1107072-03B

Client Sample ID: GWQ71211:1120NP1-1-4
Collection Date: 7/12/2011 11:20:00 AM
Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS				E200.7	SW3010A		Analyst: JP
Total Iron	6.53	0.005	0.0200		mg/L	1	7/14/2011 2:06:19 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1120NP1-1-4

Lab Order: 1107072

Collection Date: 7/12/2011 11:20:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-03C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED				E200.7	SW3005A		Analyst: JP
Dissolved Iron	0.0710	0.005	0.0200		mg/L	1	7/14/2011 2:04:16 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1130NP1-1-5

Lab Order: 1107072

Collection Date: 7/12/2011 11:30:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-04A

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	7/18/2011 6:29:00 PM
1,1,1-Trichloroethane	0.60	0.5	1.0	J	µg/L	1	7/18/2011 6:29:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/18/2011 6:29:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	7/18/2011 6:29:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/18/2011 6:29:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	7/18/2011 6:29:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/18/2011 6:29:00 PM
Acetone	U	1.2	2.5		µg/L	1	7/18/2011 6:29:00 PM
Benzene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM

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American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107072
Project: Rowe
Lab ID: 1107072-04A

Client Sample ID: GWQ71211:1130NP1-1-5
Collection Date: 7/12/2011 11:30:00 AM
Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC		SW8260C				Analyst: LA	
Bromodichloromethane	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Bromoform	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Chloroform	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	7/18/2011 6:29:00 PM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	7/18/2011 6:29:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Styrene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Toluene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1130NP1-1-5

Lab Order: 1107072

Collection Date: 7/12/2011 11:30:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-04A

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	C	µg/L	1	7/18/2011 6:29:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/18/2011 6:29:00 PM
Surr: 4-Bromofluorobenzene	98.1	0	60-130		%REC	1	7/18/2011 6:29:00 PM
Surr: Dibromofluoromethane	98.0	0	63-127		%REC	1	7/18/2011 6:29:00 PM
Surr: Toluene-d8	91.5	0	61-128		%REC	1	7/18/2011 6:29:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1130NP1-1-5

Lab Order: 1107072

Collection Date: 7/12/2011 11:30:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-04B

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS				E200.7	SW3010A		Analyst: JP
Total Iron	0.0270	0.005	0.0200		mg/L	1	7/14/2011 2:10:26 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1130NP1-1-5

Lab Order: 1107072

Collection Date: 7/12/2011 11:30:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-04C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED				E200.7		SW3005A	Analyst: JP
Dissolved Iron	0.00900	0.005	0.0200	J	mg/L	1	7/14/2011 2:08:22 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1140NP1-1-6

Lab Order: 1107072

Collection Date: 7/12/2011 11:40:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-05A

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	7/18/2011 6:53:00 PM
1,1,1-Trichloroethane	0.75	0.5	1.0	J	µg/L	1	7/18/2011 6:53:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/18/2011 6:53:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	7/18/2011 6:53:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/18/2011 6:53:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	7/18/2011 6:53:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/18/2011 6:53:00 PM
Acetone	U	1.2	2.5		µg/L	1	7/18/2011 6:53:00 PM
Benzene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM

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	J	Analyte detected below quantitation limits	LOD	Limit of Detection
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American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1140NP1-1-6

Lab Order: 1107072

Collection Date: 7/12/2011 11:40:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-05A

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	7/18/2011 6:53:00 PM
Bromoform	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Chloroform	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	7/18/2011 6:53:00 PM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	7/18/2011 6:53:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Styrene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Tetrachloroethene	0.98	0.5	1.0	J	µg/L	1	7/18/2011 6:53:00 PM
Toluene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 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

S Spike Recovery outside accepted recovery limits

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

U Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1140NP1-1-6

Lab Order: 1107072

Collection Date: 7/12/2011 11:40:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-05A

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	C	µg/L	1	7/18/2011 6:53:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/18/2011 6:53:00 PM
Surr: 4-Bromofluorobenzene	93.8	0	60-130		%REC	1	7/18/2011 6:53:00 PM
Surr: Dibromofluoromethane	102	0	63-127		%REC	1	7/18/2011 6:53:00 PM
Surr: Toluene-d8	92.6	0	61-128		%REC	1	7/18/2011 6:53:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1140NP1-1-6

Lab Order: 1107072

Collection Date: 7/12/2011 11:40:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-05B

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS				E200.7	SW3010A		Analyst: JP
Total Iron	0.0440	0.005	0.0200		mg/L	1	7/14/2011 2:14:32 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1140NP1-1-6

Lab Order: 1107072

Collection Date: 7/12/2011 11:40:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-05C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED				E200.7		SW3005A	Analyst: JP
Dissolved Iron	0.0100	0.005	0.0200	J	mg/L	1	7/14/2011 2:12:29 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1150NP1-1-7

Lab Order: 1107072

Collection Date: 7/12/2011 11:50:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-06A

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	7/18/2011 7:16:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/18/2011 7:16:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	7/18/2011 7:16:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/18/2011 7:16:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	7/18/2011 7:16:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/18/2011 7:16:00 PM
Acetone	U	1.2	2.5		µg/L	1	7/18/2011 7:16:00 PM
Benzene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM

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American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1150NP1-1-7

Lab Order: 1107072

Collection Date: 7/12/2011 11:50:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-06A

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	7/18/2011 7:16:00 PM
Bromoform	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Chloroform	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	7/18/2011 7:16:00 PM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	7/18/2011 7:16:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Styrene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Tetrachloroethene	0.51	0.5	1.0	J	µg/L	1	7/18/2011 7:16:00 PM
Toluene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1150NP1-1-7

Lab Order: 1107072

Collection Date: 7/12/2011 11:50:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-06A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC							Analyst: LA
Vinyl acetate	U	0.5	1.0	C	µg/L	1	7/18/2011 7:16:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/18/2011 7:16:00 PM
Surr: 4-Bromofluorobenzene	101	0	60-130		%REC	1	7/18/2011 7:16:00 PM
Surr: Dibromofluoromethane	99.0	0	63-127		%REC	1	7/18/2011 7:16:00 PM
Surr: Toluene-d8	93.6	0	61-128		%REC	1	7/18/2011 7:16:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1150NP1-1-7

Lab Order: 1107072

Collection Date: 7/12/2011 11:50:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-06B

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS				E200.7	SW3010A		Analyst: JP
Total Iron	0.267	0.005	0.0200		mg/L	1	7/14/2011 2:18:39 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1150NP1-1-7

Lab Order: 1107072

Collection Date: 7/12/2011 11:50:00 AM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-06C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED				E200.7	SW3005A		Analyst: JP
Dissolved Iron	0.143	0.005	0.0200		mg/L	1	7/14/2011 2:16:36 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1200NP1-1-8

Lab Order: 1107072

Collection Date: 7/12/2011 12:00:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-07A

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	7/18/2011 7:40:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/18/2011 7:40:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	7/18/2011 7:40:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/18/2011 7:40:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	7/18/2011 7:40:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/18/2011 7:40:00 PM
Acetone	U	1.2	2.5		µg/L	1	7/18/2011 7:40:00 PM
Benzene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107072
Project: Rowe
Lab ID: 1107072-07A

Client Sample ID: GWQ71211:1200NP1-1-8
Collection Date: 7/12/2011 12:00:00 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	7/18/2011 7:40:00 PM
Bromoform	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Chloroform	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	7/18/2011 7:40:00 PM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	7/18/2011 7:40:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Styrene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Toluene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107072
Project: Rowe
Lab ID: 1107072-07A

Client Sample ID: GWQ71211:1200NP1-1-8
Collection Date: 7/12/2011 12:00:00 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	C	µg/L	1	7/18/2011 7:40:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/18/2011 7:40:00 PM
Surr: 4-Bromofluorobenzene	95.5	0	60-130		%REC	1	7/18/2011 7:40:00 PM
Surr: Dibromofluoromethane	97.3	0	63-127		%REC	1	7/18/2011 7:40:00 PM
Surr: Toluene-d8	94.7	0	61-128		%REC	1	7/18/2011 7:40:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107072
Project: Rowe
Lab ID: 1107072-07B

Client Sample ID: GWQ71211:1200NP1-1-8
Collection Date: 7/12/2011 12:00:00 PM
Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS				E200.7	SW3010A		Analyst: JP
Total Iron	11.6	0.005	0.0200		mg/L	1	7/14/2011 2:34:03 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1200NP1-1-8

Lab Order: 1107072

Collection Date: 7/12/2011 12:00:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-07C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED			E200.7		SW3005A		Analyst: JP
Dissolved Iron	0.0450	0.005	0.0200		mg/L	1	7/14/2011 2:31:59 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107072
Project: Rowe
Lab ID: 1107072-08A

Client Sample ID: GWQ71211:1210NP1-1-9
Collection Date: 7/12/2011 12:10:00 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	7/18/2011 8:03:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/18/2011 8:03:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	7/18/2011 8:03:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/18/2011 8:03:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	7/18/2011 8:03:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/18/2011 8:03:00 PM
Acetone	U	1.2	2.5		µg/L	1	7/18/2011 8:03:00 PM
Benzene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.
Lab Order: 1107072
Project: Rowe
Lab ID: 1107072-08A

Client Sample ID: GWQ71211:1210NP1-1-9
Collection Date: 7/12/2011 12:10:00 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	7/18/2011 8:03:00 PM
Bromoform	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Chloroform	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	7/18/2011 8:03:00 PM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	7/18/2011 8:03:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Styrene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Tetrachloroethene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Toluene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 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
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American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1210NP1-1-9

Lab Order: 1107072

Collection Date: 7/12/2011 12:10:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-08A

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	C	µg/L	1	7/18/2011 8:03:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/18/2011 8:03:00 PM
Surr: 4-Bromofluorobenzene	99.0	0	60-130		%REC	1	7/18/2011 8:03:00 PM
Surr: Dibromofluoromethane	105	0	63-127		%REC	1	7/18/2011 8:03:00 PM
Surr: Toluene-d8	95.9	0	61-128		%REC	1	7/18/2011 8:03:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1210NP1-1-9

Lab Order: 1107072

Collection Date: 7/12/2011 12:10:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-08B

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS				E200.7	SW3010A		Analyst: JP
Total Iron	5.06	0.005	0.0200		mg/L	1	7/14/2011 2:38:10 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: GWQ71211:1210NP1-1-9

Lab Order: 1107072

Collection Date: 7/12/2011 12:10:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107072-08C

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
METALS, DISSOLVED				E200.7	SW3005A		Analyst: JP
Dissolved Iron	0.0300	0.005	0.0200		mg/L	1	7/14/2011 2:36:07 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

CLIENT: Leggette Brashears & Graham Inc.

Work Order: 1107072

Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-071811LW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 7/18/2011	RunNo: 58955						
Client ID: PBW	Batch ID: R58955	TestNo: SW8260C		Analysis Date: 7/18/2011	SeqNo: 827995						
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									
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									

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 R RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107072
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-071811LW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 7/18/2011	RunNo: 58955						
Client ID: PBW	Batch ID: R58955	TestNo: SW8260C		Analysis Date: 7/18/2011	SeqNo: 827995						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									
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									

C

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
R RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107072
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-071811LW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 7/18/2011	RunNo: 58955						
Client ID: PBW	Batch ID: R58955	TestNo: SW8260C		Analysis Date: 7/18/2011	SeqNo: 827995						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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	49		50.00		97.7	60	130				
Surr: Dibromofluoromethane	47		50.00		94.4	63	127				
Surr: Toluene-d8	47		50.00		93.9	61	128				

C

Sample ID: V624LCS-071811LW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 7/18/2011	RunNo: 58955						
Client ID: LCSW	Batch ID: R58955	TestNo: SW8260C		Analysis Date: 7/18/2011	SeqNo: 828000						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	39	1.0	50.00	0	78.0	43	148				
1,1,2,2-Tetrachloroethane	53	1.0	50.00	0	107	32	148				
1,1,2-Trichloroethane	47	1.0	50.00	0	94.8	42	136				
1,1-Dichloroethane	42	1.0	50.00	0	84.6	40	150				
1,1-Dichloroethene	39	1.0	50.00	0	77.2	30	154				
1,2-Dichlorobenzene	53	1.0	50.00	0	106	40	129				
1,2-Dichloroethane	45	1.0	50.00	0	90.7	36	141				
1,3-Dichlorobenzene	51	1.0	50.00	0	101	40	133				
1,4-Dichlorobenzene	49	1.0	50.00	0	97.7	40	135				
Benzene	40	1.0	50.00	0	80.8	45	144				
Bromodichloromethane	44	1.0	50.00	0	88.3	35	136				
Bromoform	49	1.0	50.00	0	97.5	28	138				
Bromomethane	39	1.0	50.00	0	78.8	26	148				
Carbon tetrachloride	38	1.0	50.00	0	75.6	45	141				
Chloroethane	42	1.0	50.00	0	84.3	36	143				
Chloroform	43	1.0	50.00	0	85.2	42	137				

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 R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107072
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: V624LCS-071811LW		SampleType: LCS	TestCode: 8260MTBE11		Units: µg/L	Prep Date: 7/18/2011		RunNo: 58955			
Client ID: LCSW		Batch ID: R58955	TestNo: SW8260C			Analysis Date: 7/18/2011		SeqNo: 828000			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	38	1.0	50.00	0	75.2	35	151				
cis-1,3-Dichloropropene	42	1.0	50.00	0	83.2	42	130				
Dibromochloromethane	45	1.0	50.00	0	90.3	21	134				
Ethylbenzene	42	1.0	50.00	0	84.7	45	146				
Tetrachloroethene	41	1.0	50.00	0	82.0	45	136				
Toluene	39	1.0	50.00	0	79.0	43	134				
trans-1,2-Dichloroethene	42	1.0	50.00	0	83.5	42	135				
trans-1,3-Dichloropropene	40	1.0	50.00	0	80.4	37	133				
Trichloroethene	42	1.0	50.00	0	83.1	43	140				
Trichlorofluoromethane	41	1.0	50.00	0	82.5	50	148				
Vinyl chloride	39	1.0	50.00	0	78.7	35	142				
Surr: 4-Bromofluorobenzene	49		50.00		97.9	60	130				
Surr: Dibromofluoromethane	50		50.00		99.5	63	127				
Surr: Toluene-d8	48		50.00		96.8	61	128				

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
R RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107072
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: FE_D

Sample ID: PBW-071411AD	SampType: MBLK	TestCode: FE_D	Units: mg/L	Prep Date: 7/14/2011	RunNo: 58887						
Client ID: PBW	Batch ID: 32642	TestNo: E200.7	SW3005A	Analysis Date: 7/14/2011	SeqNo: 826813						
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-071411AD	SampType: LCS	TestCode: FE_D	Units: mg/L	Prep Date: 7/14/2011	RunNo: 58887						
Client ID: LCSW	Batch ID: 32642	TestNo: E200.7	SW3005A	Analysis Date: 7/14/2011	SeqNo: 826814						
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	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 R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107072
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: FE_T

Sample ID: PBW-071411A	SampType: MBLK	TestCode: FE_T	Units: mg/L	Prep Date: 7/14/2011	RunNo: 58887					
Client ID: PBW	Batch ID: 32644	TestNo: E200.7	SW3010A	Analysis Date: 7/14/2011	SeqNo: 826811					
Analyte	Result	PQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Iron	U	0.0200								

Sample ID: LCSW-071411A	SampType: LCS	TestCode: FE_T	Units: mg/L	Prep Date: 7/14/2011	RunNo: 58887						
Client ID: LCSW	Batch ID: 32644	TestNo: E200.7	SW3010A	Analysis Date: 7/14/2011	SeqNo: 826812						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Iron	1.91	0.0200	2.000	0	95.6	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	R	RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.

Work Order: 1107072

Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: 1107072-08AMS	SampType: MS	TestCode: 8260MTBE11	Units: µg/L	Prep Date:	RunNo: 58955						
Client ID: GWQ71211:1210NP	Batch ID: R58955	TestNo: SW8260C		Analysis Date: 7/18/2011	SeqNo: 828035						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	31	1.0	50.00	0	62.8	43	148				
1,1,2,2-Tetrachloroethane	42	1.0	50.00	0	83.9	32	148				
1,1,2-Trichloroethane	32	1.0	50.00	0	63.2	42	136				
1,1-Dichloroethane	34	1.0	50.00	0	67.5	40	150				
1,1-Dichloroethene	32	1.0	50.00	0	64.6	30	154				
1,2-Dichlorobenzene	36	1.0	50.00	0	72.8	40	129				
1,2-Dichloroethane	31	1.0	50.00	0	61.5	36	141				
1,3-Dichlorobenzene	38	1.0	50.00	0	76.3	40	133				
1,4-Dichlorobenzene	37	1.0	50.00	0	74.2	40	135				
Benzene	31	1.0	50.00	0	61.7	45	144				
Bromodichloromethane	32	1.0	50.00	0	63.7	35	136				
Bromoform	36	1.0	50.00	0	72.7	28	138				
Bromomethane	22	1.0	50.00	0	45.0	26	148				
Carbon tetrachloride	30	1.0	50.00	0	60.3	45	141				
Chloroethane	28	1.0	50.00	0	55.3	36	143				
Chloroform	34	1.0	50.00	0	68.3	42	137				
Chloromethane	28	1.0	50.00	0	55.7	35	151				
Dibromochloromethane	32	1.0	50.00	0	63.9	21	134				
Ethylbenzene	36	1.0	50.00	0	72.5	45	146				
Tetrachloroethene	30	1.0	50.00	0	60.0	45	136				
Toluene	30	1.0	50.00	0	60.6	43	134				
trans-1,2-Dichloroethene	32	1.0	50.00	0	63.5	42	135				
trans-1,3-Dichloropropene	29	1.0	50.00	0	57.2	37	133				
Trichloroethene	34	1.0	50.00	0	67.6	43	140				
Trichlorofluoromethane	29	1.0	50.00	0	58.4	50	148				
Vinyl chloride	33	1.0	50.00	0	66.3	35	142				
Surr: 4-Bromofluorobenzene	51		50.00		101	60	130				
Surr: Dibromofluoromethane	48		50.00		96.6	63	127				
Surr: Toluene-d8	48		50.00		95.5	61	128				

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	R	RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107072
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: 1107072-08AMSD		SampType: MSD		TestCode: 8260MTBE11		Units: µg/L		Prep Date:		RunNo: 58955	
Client ID: GWQ71211:1210NP		Batch ID: R58955		TestNo: SW8260C				Analysis Date: 7/18/2011		SeqNo: 828036	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	34	1.0	50.00	0	67.3	43	148	31.40	6.86	20	
1,1,2,2-Tetrachloroethane	41	1.0	50.00	0	82.3	32	148	41.96	1.92	20	
1,1,2-Trichloroethane	36	1.0	50.00	0	71.7	42	136	31.58	12.7	20	
1,1-Dichloroethane	36	1.0	50.00	0	72.2	40	150	33.73	6.79	20	
1,1-Dichloroethene	35	1.0	50.00	0	70.4	30	154	32.28	8.71	20	
1,2-Dichlorobenzene	39	1.0	50.00	0	78.5	40	129	36.40	7.59	20	
1,2-Dichloroethane	33	1.0	50.00	0	65.9	36	141	30.75	6.85	20	
1,3-Dichlorobenzene	41	1.0	50.00	0	81.5	40	133	38.17	6.49	20	
1,4-Dichlorobenzene	39	1.0	50.00	0	78.5	40	135	37.09	5.68	20	
Benzene	34	1.0	50.00	0	68.3	45	144	30.85	10.1	20	
Bromodichloromethane	35	1.0	50.00	0	70.4	35	136	31.87	9.99	20	
Bromoform	41	1.0	50.00	0	82.5	28	138	36.37	12.6	20	
Bromomethane	26	1.0	50.00	0	52.8	26	148	22.49	16.1	20	
Carbon tetrachloride	34	1.0	50.00	0	67.8	45	141	30.15	11.7	20	
Chloroethane	29	1.0	50.00	0	58.2	36	143	27.63	5.22	20	
Chloroform	37	1.0	50.00	0	73.2	42	137	34.14	6.90	20	
Chloromethane	31	1.0	50.00	0	61.2	35	151	27.85	9.41	20	
cis-1,3-Dichloropropene	U	1.0	50.00	0	0	42	130	0	0	20	S
Dibromochloromethane	33	1.0	50.00	0	66.4	21	134	31.95	3.78	20	
Ethylbenzene	40	1.0	50.00	0	79.4	45	146	36.26	9.06	20	
Tetrachloroethene	33	1.0	50.00	0	65.8	45	136	29.99	9.22	20	
Toluene	33	1.0	50.00	0	65.5	43	134	30.29	7.74	20	
trans-1,2-Dichloroethene	36	1.0	50.00	0	71.5	42	135	31.77	11.8	20	
trans-1,3-Dichloropropene	30	1.0	50.00	0	60.6	37	133	28.62	5.70	20	
Trichloroethene	37	1.0	50.00	0	74.2	43	140	33.80	9.31	20	
Trichlorofluoromethane	32	1.0	50.00	0	64.3	50	148	29.21	9.58	20	
Vinyl chloride	36	1.0	50.00	0	71.7	35	142	33.16	7.74	20	
Surr: 4-Bromofluorobenzene	54		50.00		108	60	130		0	0	
Surr: Dibromofluoromethane	50		50.00		100	63	127		0	0	
Surr: Toluene-d8	49		50.00		97.7	61	128		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
R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107072
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: FE_D

Sample ID: 1107072-08C-MS	SampType: MS	TestCode: FE_D	Units: mg/L	Prep Date: 7/14/2011	RunNo: 58887						
Client ID: GWQ71211:1210NP	Batch ID: 32642	TestNo: E200.7	SW3005A	Analysis Date: 7/14/2011	SeqNo: 826876						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 1107072-08C-MSD	SampType: MSD	TestCode: FE_D	Units: mg/L	Prep Date: 7/14/2011	RunNo: 58887						
Client ID: GWQ71211:1210NP	Batch ID: 32642	TestNo: E200.7	SW3005A	Analysis Date: 7/14/2011	SeqNo: 826877						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dissolved Iron	1.04	0.0200	1.000	0.03000	101	75	125	1.045	0.384	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
R RPD outside accepted recovery limits

CLIENT: Leggett Brashears & Graham Inc.
Work Order: 1107072
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: FE_T

Sample ID: 1107072-08B-MS	SampType: MS	TestCode: FE_T	Units: mg/L	Prep Date: 7/14/2011	RunNo: 58887					
Client ID: GWQ71211:1210NP	Batch ID: 32644	TestNo: E200.7	SW3010A	Analysis Date: 7/14/2011	SeqNo: 826912					
Analyte	Result	PQL	SPK value	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 1107072-08B-MSD	SampType: MSD	TestCode: FE_T	Units: mg/L	Prep Date: 7/14/2011	RunNo: 58887						
Client ID: GWQ71211:1210NP	Batch ID: 32644	TestNo: E200.7	SW3010A	Analysis Date: 7/14/2011	SeqNo: 826913						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Iron	5.84	0.0200	1.000	5.057	78.8	75	125	5.849	0.0684	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	R	RPD outside accepted recovery limits

APPENDIX II
JULY 2011 LABORATORY ANALYTICAL REPORTS
FOR FP&T RECOVERY WELLS

Wednesday, July 20, 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.: 1107071

Dear Mark Goldberg:

American Analytical Laboratories, LLC. received 4 sample(s) on 7/14/2011 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.

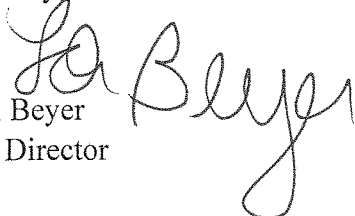
The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. 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 22 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



American Analytical Laboratories, LLC.

Date: 20-Jul-11

CLIENT: Leggette Brashears & Graham Inc.**Project:** Rowe**Lab Order:** 1107071**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Date Collected	Date Received
1107071-01A	WQ71211:1230FRW-1	7/12/2011 12:30:00 PM	7/14/2011
1107071-02A	WQ71211:1235FRW-2	7/12/2011 12:35:00 PM	7/14/2011
1107071-03A	WQ71211:1240FRW-3	7/12/2011 12:40:00 PM	7/14/2011
1107071-04A	WQ71211:1245FRW-4	7/12/2011 12:45:00 PM	7/14/2011

[illegible]

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

American Analytical Laboratories, LLC.

Sample Receipt Checklist

Client Name **LBG CT**

Date and Time Receive **7/14/2011 10:01:36 AM**

Work Order Number **1107071**

RcptNo: **1**

Received by **CF**

COC_ID:

CoolerID:

Checklist completed by

CF 7/14/11
Signature Date

Reviewed by

YLB 7/14/11
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 _____

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71211:1230FRW-1

Lab Order: 1107071

Collection Date: 7/12/2011 12:30:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107071-01A

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	7/18/2011 2:02:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/18/2011 2:02:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	7/18/2011 2:02:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/18/2011 2:02:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	7/18/2011 2:02:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/18/2011 2:02:00 PM
Acetone	U	1.2	2.5		µg/L	1	7/18/2011 2:02:00 PM
Benzene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

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Lab Order: 1107071

Collection Date: 7/12/2011 12:30:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107071-01A

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	7/18/2011 2:02:00 PM
Bromoform	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Chloroform	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
cis-1,2-Dichloroethene	1.2	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	7/18/2011 2:02:00 PM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	7/18/2011 2:02:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Styrene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Tetrachloroethene	18	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Toluene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Trichloroethene	0.60	0.5	1.0	J	µg/L	1	7/18/2011 2:02:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM

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Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71211:1230FRW-1

Lab Order: 1107071

Collection Date: 7/12/2011 12:30:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107071-01A

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	C	µg/L	1	7/18/2011 2:02:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/18/2011 2:02:00 PM
Surr: 4-Bromofluorobenzene	99.5	0	60-130		%REC	1	7/18/2011 2:02:00 PM
Surr: Dibromofluoromethane	98.4	0	63-127		%REC	1	7/18/2011 2:02:00 PM
Surr: Toluene-d8	94.9	0	61-128		%REC	1	7/18/2011 2:02:00 PM

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American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71211:1235FRW-2

Lab Order: 1107071

Collection Date: 7/12/2011 12:35:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107071-02A

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	7/18/2011 2:26:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/18/2011 2:26:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	7/18/2011 2:26:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/18/2011 2:26:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	7/18/2011 2:26:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/18/2011 2:26:00 PM
Acetone	U	1.2	2.5		µg/L	1	7/18/2011 2:26:00 PM
Benzene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM

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Date: 20-Jul-11

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Collection Date: 7/12/2011 12:35:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107071-02A

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	7/18/2011 2:26:00 PM
Bromoform	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Chloroform	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	7/18/2011 2:26:00 PM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	7/18/2011 2:26:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Styrene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Tetrachloroethene	6.8	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Toluene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM

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ELAP ID : 11418

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Project: Rowe
Lab ID: 1107071-02A

Client Sample ID: WQ71211:1235FRW-2
Collection Date: 7/12/2011 12:35:00 PM
Matrix: LIQUID

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC				SW8260C		Analyst: LA	
Vinyl acetate	U	0.5	1.0	C	µg/L	1	7/18/2011 2:26:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/18/2011 2:26:00 PM
Surr: 4-Bromofluorobenzene	105	0	60-130		%REC	1	7/18/2011 2:26:00 PM
Surr: Dibromofluoromethane	99.6	0	63-127		%REC	1	7/18/2011 2:26:00 PM
Surr: Toluene-d8	91.0	0	61-128		%REC	1	7/18/2011 2:26:00 PM

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ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71211:1240FRW-3

Lab Order: 1107071

Collection Date: 7/12/2011 12:40:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107071-03A

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	7/18/2011 2:51:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/18/2011 2:51:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	7/18/2011 2:51:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/18/2011 2:51:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	7/18/2011 2:51:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/18/2011 2:51:00 PM
Acetone	U	1.2	2.5		µg/L	1	7/18/2011 2:51:00 PM
Benzene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM

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

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



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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
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Date: 20-Jul-11

ELAP ID : 11418

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Lab Order: 1107071

Collection Date: 7/12/2011 12:40:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107071-03A

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	7/18/2011 2:51:00 PM
Bromoform	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Chloroform	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
cis-1,2-Dichloroethene	1.2	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	7/18/2011 2:51:00 PM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	7/18/2011 2:51:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Styrene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Tetrachloroethene	26	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Toluene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM

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Date: 20-Jul-11

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Lab Order: 1107071

Collection Date: 7/12/2011 12:40:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107071-03A

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC							Analyst: LA
Vinyl acetate	U	0.5	1.0	C	µg/L	1	7/18/2011 2:51:00 PM
Vinyl chloride	U	0.5	1.0		µg/L	1	7/18/2011 2:51:00 PM
Surr: 4-Bromofluorobenzene	103	0	60-130		%REC	1	7/18/2011 2:51:00 PM
Surr: Dibromofluoromethane	99.6	0	63-127		%REC	1	7/18/2011 2:51:00 PM
Surr: Toluene-d8	95.0	0	61-128		%REC	1	7/18/2011 2:51:00 PM

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	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
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed but not detected.

American Analytical Laboratories, LLC.

Date: 20-Jul-11

ELAP ID : 11418

CLIENT: Leggette Brashears & Graham Inc.

Client Sample ID: WQ71211:1245FRW-4

Lab Order: 1107071

Collection Date: 7/12/2011 12:45:00 PM

Project: Rowe

Matrix: LIQUID

Lab ID: 1107071-04A

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	7/18/2011 3:15:00 PM
1,1,1-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
1,1,2-Trichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
1,1-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
1,1-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
1,1-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
1,2,3-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
1,2,3-Trichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
1,2,4-Trichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
1,2,4-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
1,2-Dibromo-3-chloropropane	U	1	2.0		µg/L	1	7/18/2011 3:15:00 PM
1,2-Dibromoethane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
1,2-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
1,2-Dichloroethane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
1,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
1,3,5-Trimethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
1,3-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
1,3-dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
1,4-Dichlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
2,2-Dichloropropane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
2-Butanone	U	1.2	2.5		µg/L	1	7/18/2011 3:15:00 PM
2-Chloroethyl vinyl ether	U	1	2.0		µg/L	1	7/18/2011 3:15:00 PM
2-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
2-Hexanone	U	1.2	2.5		µg/L	1	7/18/2011 3:15:00 PM
4-Chlorotoluene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
4-Isopropyltoluene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
4-Methyl-2-pentanone	U	1.2	2.5		µg/L	1	7/18/2011 3:15:00 PM
Acetone	U	1.2	2.5		µg/L	1	7/18/2011 3:15:00 PM
Benzene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Bromobenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Bromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM

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Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOC			SW8260C			Analyst: LA	
Bromodichloromethane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Bromoform	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Bromomethane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Carbon disulfide	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Carbon tetrachloride	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Chlorobenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Chloroethane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Chloroform	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Chloromethane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
cis-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
cis-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Dibromochloromethane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Dibromomethane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Dichlorodifluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Ethylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Hexachlorobutadiene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Isopropylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
m,p-Xylene	U	1	2.0		µg/L	1	7/18/2011 3:15:00 PM
Methyl tert-butyl ether	U	0.5	1.0	C	µg/L	1	7/18/2011 3:15:00 PM
Methylene chloride	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Naphthalene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
n-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
n-Propylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
o-Xylene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
sec-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Styrene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
tert-Butylbenzene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Tetrachloroethene	2.2	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Toluene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
trans-1,2-Dichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
trans-1,3-Dichloropropene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Trichloroethene	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Trichlorofluoromethane	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM

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Vinyl chloride	U	0.5	1.0		µg/L	1	7/18/2011 3:15:00 PM
Surr: 4-Bromofluorobenzene	103	0	60-130		%REC	1	7/18/2011 3:15:00 PM
Surr: Dibromofluoromethane	103	0	63-127		%REC	1	7/18/2011 3:15:00 PM
Surr: Toluene-d8	95.1	0	61-128		%REC	1	7/18/2011 3:15:00 PM

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CLIENT: Leggette Brashears & Graham Inc.

Work Order: 1107071

Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-071811LW		SampType: MBLK		TestCode: 8260MTBE11		Units: µg/L		Prep Date: 7/18/2011		RunNo: 58955		
Client ID: PBW		Batch ID: R58955		TestNo: SW8260C				Analysis Date: 7/18/2011		SeqNo: 827995		
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									
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									

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
R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
 Work Order: 1107071
 Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-071811LW		SampType: MBLK		TestCode: 8260MTBE11		Units: µg/L		Prep Date: 7/18/2011		RunNo: 58955		
Client ID: PBW		Batch ID: R58955		TestNo: SW8260C				Analysis Date: 7/18/2011		SeqNo: 827995		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									
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									

C

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
 R RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107071
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: VBLK-071811LW	SampType: MBLK	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 7/18/2011	RunNo: 58955						
Client ID: PBW	Batch ID: R58955	TestNo: SW8260C		Analysis Date: 7/18/2011	SeqNo: 827995						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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									C
Surr: 4-Bromofluorobenzene	49		50.00		97.7	60	130				
Surr: Dibromofluoromethane	47		50.00		94.4	63	127				
Surr: Toluene-d8	47		50.00		93.9	61	128				

Sample ID: V624LCS-071811LW	SampType: LCS	TestCode: 8260MTBE11	Units: µg/L	Prep Date: 7/18/2011	RunNo: 58955						
Client ID: LCSW	Batch ID: R58955	TestNo: SW8260C		Analysis Date: 7/18/2011	SeqNo: 828000						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	39	1.0	50.00	0	78.0	43	148				
1,1,2,2-Tetrachloroethane	53	1.0	50.00	0	107	32	148				
1,1,2-Trichloroethane	47	1.0	50.00	0	94.8	42	136				
1,1-Dichloroethane	42	1.0	50.00	0	84.6	40	150				
1,1-Dichloroethene	39	1.0	50.00	0	77.2	30	154				
1,2-Dichlorobenzene	53	1.0	50.00	0	106	40	129				
1,2-Dichloroethane	45	1.0	50.00	0	90.7	36	141				
1,3-Dichlorobenzene	51	1.0	50.00	0	101	40	133				
1,4-Dichlorobenzene	49	1.0	50.00	0	97.7	40	135				
Benzene	40	1.0	50.00	0	80.8	45	144				
Bromodichloromethane	44	1.0	50.00	0	88.3	35	136				
Bromoform	49	1.0	50.00	0	97.5	28	138				
Bromomethane	39	1.0	50.00	0	78.8	26	148				
Carbon tetrachloride	38	1.0	50.00	0	75.6	45	141				
Chloroethane	42	1.0	50.00	0	84.3	36	143				
Chloroform	43	1.0	50.00	0	85.2	42	137				

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	R	RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
Work Order: 1107071
Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: V624LCS-071811LW		SampType: LCS		TestCode: 8260MTBE11		Units: µg/L		Prep Date: 7/18/2011		RunNo: 58955			
Client ID: LCSW		Batch ID: R58955		TestNo: SW8260C		Analysis Date: 7/18/2011						SeqNo: 828000	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Chloromethane	38	1.0	50.00	0	75.2	35	151						
cis-1,3-Dichloropropene	42	1.0	50.00	0	83.2	42	130						
Dibromochloromethane	45	1.0	50.00	0	90.3	21	134						
Ethylbenzene	42	1.0	50.00	0	84.7	45	146						
Tetrachloroethene	41	1.0	50.00	0	82.0	45	136						
Toluene	39	1.0	50.00	0	79.0	43	134						
trans-1,2-Dichloroethene	42	1.0	50.00	0	83.5	42	135						
trans-1,3-Dichloropropene	40	1.0	50.00	0	80.4	37	133						
Trichloroethene	42	1.0	50.00	0	83.1	43	140						
Trichlorofluoromethane	41	1.0	50.00	0	82.5	50	148						
Vinyl chloride	39	1.0	50.00	0	78.7	35	142						
Surr: 4-Bromofluorobenzene	49		50.00		97.9	60	130						
Surr: Dibromofluoromethane	50		50.00		99.5	63	127						
Surr: Toluene-d8	48		50.00		96.8	61	128						

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 R RPD outside accepted recovery limits

American Analytical Laboratories, LLC.

Date: 20-Jul-11

CLIENT: Leggette Brashears & Graham Inc.

Work Order: 1107071

Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: 1107072-08AMS		SampType: MS		TestCode: 8260MTBE11		Units: µg/L		Prep Date:		RunNo: 58955	
Client ID: ZZZZZZ		Batch ID: R58955		TestNo: SW8260C				Analysis Date: 7/18/2011		SeqNo: 828035	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	31	1.0	50.00	0	62.8	43	148				
1,1,2,2-Tetrachloroethane	42	1.0	50.00	0	83.9	32	148				
1,1,2-Trichloroethane	32	1.0	50.00	0	63.2	42	136				
1,1-Dichloroethane	34	1.0	50.00	0	67.5	40	150				
1,1-Dichloroethene	32	1.0	50.00	0	64.6	30	154				
1,2-Dichlorobenzene	36	1.0	50.00	0	72.8	40	129				
1,2-Dichloroethane	31	1.0	50.00	0	61.5	36	141				
1,3-Dichlorobenzene	38	1.0	50.00	0	76.3	40	133				
1,4-Dichlorobenzene	37	1.0	50.00	0	74.2	40	135				
Benzene	31	1.0	50.00	0	61.7	45	144				
Bromodichloromethane	32	1.0	50.00	0	63.7	35	136				
Bromoform	36	1.0	50.00	0	72.7	28	138				
Bromomethane	22	1.0	50.00	0	45.0	26	148				
Carbon tetrachloride	30	1.0	50.00	0	60.3	45	141				
Chloroethane	28	1.0	50.00	0	55.3	36	143				
Chloroform	34	1.0	50.00	0	68.3	42	137				
Chloromethane	28	1.0	50.00	0	55.7	35	151				
Dibromochloromethane	32	1.0	50.00	0	63.9	21	134				
Ethylbenzene	36	1.0	50.00	0	72.5	45	146				
Tetrachloroethene	30	1.0	50.00	0	60.0	45	136				
Toluene	30	1.0	50.00	0	60.6	43	134				
trans-1,2-Dichloroethene	32	1.0	50.00	0	63.5	42	135				
trans-1,3-Dichloropropene	29	1.0	50.00	0	57.2	37	133				
Trichloroethene	34	1.0	50.00	0	67.6	43	140				
Trichlorofluoromethane	29	1.0	50.00	0	58.4	50	148				
Vinyl chloride	33	1.0	50.00	0	66.3	35	142				
Surr: 4-Bromofluorobenzene	51		50.00		101	60	130				
Surr: Dibromofluoromethane	48		50.00		96.6	63	127				
Surr: Toluene-d8	48		50.00		95.5	61	128				

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	R	RPD outside accepted recovery limits

CLIENT: Leggette Brashears & Graham Inc.
 Work Order: 1107071
 Project: Rowe

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260MTBE113_W

Sample ID: 1107072-08AMSD	SampType: MSD	TestCode: 8260MTBE11			Units: µg/L	Prep Date:		RunNo: 58955			
Client ID: ZZZZZZ	Batch ID: R58955	TestNo: SW8260C				Analysis Date: 7/18/2011		SeqNo: 828036			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	34	1.0	50.00	0	67.3	43	148	31.40	6.86	20	
1,1,2,2-Tetrachloroethane	41	1.0	50.00	0	82.3	32	148	41.96	1.92	20	
1,1,2-Trichloroethane	36	1.0	50.00	0	71.7	42	136	31.58	12.7	20	
1,1-Dichloroethane	36	1.0	50.00	0	72.2	40	150	33.73	6.79	20	
1,1-Dichloroethene	35	1.0	50.00	0	70.4	30	154	32.28	8.71	20	
1,2-Dichlorobenzene	39	1.0	50.00	0	78.5	40	129	36.40	7.59	20	
1,2-Dichloroethane	33	1.0	50.00	0	65.9	36	141	30.75	6.85	20	
1,3-Dichlorobenzene	41	1.0	50.00	0	81.5	40	133	38.17	6.49	20	
1,4-Dichlorobenzene	39	1.0	50.00	0	78.5	40	135	37.09	5.68	20	
Benzene	34	1.0	50.00	0	68.3	45	144	30.85	10.1	20	
Bromodichloromethane	35	1.0	50.00	0	70.4	35	136	31.87	9.99	20	
Bromoform	41	1.0	50.00	0	82.5	28	138	36.37	12.6	20	
Bromomethane	26	1.0	50.00	0	52.8	26	148	22.49	16.1	20	
Carbon tetrachloride	34	1.0	50.00	0	67.8	45	141	30.15	11.7	20	
Chloroethane	29	1.0	50.00	0	58.2	36	143	27.63	5.22	20	
Chloroform	37	1.0	50.00	0	73.2	42	137	34.14	6.90	20	
Chloromethane	31	1.0	50.00	0	61.2	35	151	27.85	9.41	20	
cis-1,3-Dichloropropene	U	1.0	50.00	0	0	42	130	0	0	20	S
Dibromochloromethane	33	1.0	50.00	0	66.4	21	134	31.95	3.78	20	
Ethylbenzene	40	1.0	50.00	0	79.4	45	146	36.26	9.06	20	
Tetrachloroethene	33	1.0	50.00	0	65.8	45	136	29.99	9.22	20	
Toluene	33	1.0	50.00	0	65.5	43	134	30.29	7.74	20	
trans-1,2-Dichloroethene	36	1.0	50.00	0	71.5	42	135	31.77	11.8	20	
trans-1,3-Dichloropropene	30	1.0	50.00	0	60.6	37	133	28.62	5.70	20	
Trichloroethene	37	1.0	50.00	0	74.2	43	140	33.80	9.31	20	
Trichlorofluoromethane	32	1.0	50.00	0	64.3	50	148	29.21	9.58	20	
Vinyl chloride	36	1.0	50.00	0	71.7	35	142	33.16	7.74	20	
Surr: 4-Bromofluorobenzene	54		50.00		108	60	130		0	0	
Surr: Dibromofluoromethane	50		50.00		100	63	127		0	0	
Surr: Toluene-d8	49		50.00		97.7	61	128		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
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