REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name:	**Connecticut Testing Lab's, Inc.**	Client:	**Leggette, Brashears & Graham, Inc.**
Project Location:		Project Number:	**Dell-4**
Laboratory Sample Id(s):	**7216-7222**	Sampling Date(s):	**05/15/12 & 5/17/12**
List RCP Method(s) Used:	**8260, CT ETPH, 6010, 7470, 8082**	CTL Lab #:	**0512299**

Reactivation ☐ Date Reactivated:

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☒ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☒ Yes ☐ No
1B	*VPH and EPH Methods only*: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	☐ Yes ☐ No ☒ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☒ Yes ☐ No
3	Were samples received at an appropriate temperature (<6° C°)? ☒ Iced ☐ No Ice	☒ Yes ☐ No ☐ N/A
4	Was all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☒ No
5	a) Were reporting limits specified or referenced on the chain-of-custody? b) Were these reporting limits met?	☒ Yes ☐ No ☒ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☒ No Partial metals list
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒ Yes ☐ No ETPH soils only

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence." This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: _____ Position: **Lab Director PH-0547**

Printed Name: **Stephen J. Franco** Date: **05/25/12**

Name of Laboratory: **Connecticut Testing Laboratories, Inc.**

CASE NARRATIVE

Connecticut Testing Laboratories, Inc.

Prepared for:

Leggette, Brashears & Graham
6 Executive Drive Suite 109
Farmington, CT 06032

Order#: **0512299**

Project: **DELL-4**

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
GZ-1S	7206	WATER	05/17/2012	05/18/2012
GZ-1D	7207	WATER	05/17/2012	05/18/2012
GZ-9D	7208	WATER	05/17/2012	05/18/2012
MW-10D	7209	WATER	05/15/2012	05/18/2012
MW-10D DUP	7210	WATER	05/15/2012	05/18/2012
XFMR-1 (0-0.5)	7211	SOIL	05/17/2012	05/18/2012
XFMR-2 (0-0.5)	7212	SOIL	05/17/2012	05/18/2012
XFMR-3 (0-0.5)	7213	SOIL	05/17/2012	05/18/2012
XFMR-4 (0-0.5)	7214	SOIL	05/17/2012	05/18/2012
Drum Comp	7215	WATER	05/17/2012	05/18/2012

The ETPH discrimination check meets RCP criteria.

VOC anomalies are noted in the RCP DQA summary table attached to this report.

The enclosed results of analyses are representative of the samples as received by the laboratory. Connecticut Testing Laboratories, Inc. makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By: _____ Date: 5/25/12

Connecticut Testing Laboratories, Inc.

Date Samples Received: 05/18/2012

Client Name:	Leggette, Brashears & Graham	CTL Lab No.:	0512299
Report Date:	05/25/2012	PO No:	DELL-4
		Analyst:	CP

RESULTS OF ANALYSIS

8 RCRA Metals -Total

Matrix Type: WATER
CTL Sample No.: 7215
Field ID: Drum Comp

Parameters	Date Tested	RL					Method #
Arsenic, Total-mg/L	05/23/2012	0.004	ND				SW 6010B
Barium, Total-mg/L	05/23/2012	0.1	ND				SW 6010B
Cadmium, Total-mg/L	05/23/2012	0.005	ND				SW 6010B
Chromium, Total-mg/L	05/23/2012	0.05	ND				SW 6010B
Lead, Total-mg/L	05/23/2012	0.005	ND				SW 6010B
Mercury, Total-mg/L	05/22/2012	0.0004	ND				SW 7470A
Selenium, Total-mg/L	05/23/2012	0.01	ND				SW 6010B
Silver, Total-mg/L	05/23/2012	0.01	ND				SW 6010B

RL=Reporting Level ND = None Detected

Connecticut Testing Laboratories, Inc.
165 Gracey Avenue / Meriden, CT 06451
(203) 634-3731 (Fax) 630-1336
Certification CT-PH0547 / MA-CT035

Date Samples Received: 05/18/2012

Client Name:	Leggette, Brashears & Graham	CTL Lab No.:	0512299
Report Date:	05/25/2012	PO No:	DELL-4
Method #:	CT ETPH/3535A	Analyst:	BM

RESULTS OF ANALYSIS

CTETPH-RCP

Matrix Type:	WATER	WATER	WATER	WATER
CTL Sample No.:	7206	7207	7208	7209
Field ID:	GZ-1S	GZ-1D	GZ-9D	MW-10D
Date Analyzed:	05/25/2012	05/25/2012	05/25/2012	05/25/2012
Date Extracted:	05/22/2012	05/22/2012	05/22/2012	05/22/2012

Parameters	Units	RL				
CT ETPH	mg/L	0.10	ND	ND	ND	ND
1-Chloro-Octadecene	%	----	119	122	113	99

RL=Reporting Level ND = None Detected

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Date Samples Received: 05/18/2012

Client Name:	Leggette, Brashears & Graham	CTL Lab No.:	0512299
Report Date:	05/25/2012	PO No:	DELL-4
Method #:	CT ETPH/3535A	Analyst:	BM

RESULTS OF ANALYSIS

CTETPH-RCP

Matrix Type:	WATER	WATER
CTL Sample No.:	7210	7215
Field ID:	MW-10D DUP	Drum Comp
Date Analyzed:	05/25/2012	05/25/2012
Date Extracted:	05/22/2012	05/22/2012

Parameters	Units	RL				
CT ETPH	mg/L	0.10	ND	ND		
1-Chloro-Octadecene	%	----	95	101		

RL=Reporting Level ND = None Detected

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Date Samples Received: 05/18/2012

Client Name:	Leggette, Brashears & Graham	CTL Lab No.:	0512299
Report Date:	05/25/2012	PO No:	DELL-4
Method #:	CT ETPH/3545	Analyst:	LP

RESULTS OF ANALYSIS

CTETPH-RCP

Matrix Type:	SOIL	SOIL	SOIL	SOIL
CTL Sample No.:	7211	7212	7213	7214
Field ID:	XFMR-1 (0-0.5)	XFMR-2 (0-0.5)	XFMR-3 (0-0.5)	XFMR-4 (0-0.5)
Date Analyzed:	05/24/2012	05/24/2012	05/24/2012	05/24/2012
Date Extracted:	05/24/2012	05/24/2012	05/24/2012	05/24/2012

Parameters	**Units**	**RL**				
CT ETPH	mg/kg	50	ND	ND	ND	ND
1-Chloro-Octadecene	%	---	110	119	124	132

RL=Reporting Level ND = None Detected

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Certification CT-PH0547 / MA-CT035

Date Samples Received: 05/18/2012

Client Name:	Leggette, Brashears & Graham	CTL Lab No.:	0512299
Report Date:	05/25/2012	PO No:	DELL-4
Method #:	SW 3545/8082A	Analyst:	SM

RESULTS OF ANALYSIS

EPA Method 8082 RCP

Matrix Type:	SOIL	SOIL	SOIL	SOIL
CTL Sample No.:	7211	7212	7213	7214
Field ID:	XFMR-1 (0-0.5)	XFMR-2 (0-0.5)	XFMR-3 (0-0.5)	XFMR-4 (0-0.5)
Date Analyzed:	05/25/2012	05/23/2012	05/23/2012	05/23/2012
Date Extracted:	05/22/2012	05/22/2012	05/22/2012	05/22/2012

Parameters	Units	RL				
Aroclor 1016	mg/kg	0.5	ND	ND	ND	ND
Aroclor 1221	mg/kg	0.5	ND	ND	ND	ND
Aroclor 1232	mg/kg	0.5	ND	ND	ND	ND
Aroclor 1242	mg/kg	0.5	ND	ND	ND	ND
Aroclor 1248	mg/kg	0.5	ND	ND	ND	ND
Aroclor 1254	mg/kg	0.5	1.2	ND	ND	ND
Aroclor 1260	mg/kg	0.5	ND	ND	ND	ND
PCBs, Total	mg/kg	0.5	1.2	ND	ND	ND
Decachlorobiphenyl-SR	%	----	133	84	89	79
Tetrachloro-m-Xylene-SR	%	----	118	77	82	79

RL=Reporting Level ND = None Detected

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Certification CT-PH0547 / MA-CT035

Date Samples Received: 05/18/2012

Client Name:	Leggette, Brashears & Graham	CTL Lab No.:	0512299
Report Date:	05/25/2012	PO No:	DELL-4
Method #:	SW 3510/8082A	Analyst:	SM

RESULTS OF ANALYSIS

EPA Method 8082 RCP

Matrix Type:	WATER
CTL Sample No.:	7215
Field ID:	Drum Comp
Date Analyzed:	05/24/2012
Date Extracted:	05/22/2012

Parameters	Units	RL				
Aroclor 1016	ug/L	0.25	ND			
Aroclor 1221	ug/L	0.25	ND			
Aroclor 1232	ug/L	0.25	ND			
Aroclor 1242	ug/L	0.25	ND			
Aroclor 1248	ug/L	0.25	ND			
Aroclor 1254	ug/L	0.25	ND			
Aroclor 1260	ug/L	0.25	ND			
PCBs, Total	ug/L	0.25	ND			
Decachlorobiphenyl-SR	%	-----	74			
Tetrachloro-m-Xylene-SR	%	----	72			

RL=Reporting Level ND = None Detected

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Date Samples Received: 05/18/2012

Client Name:	Leggette, Brashears & Graham	CTL Lab No.:	0512299
Report Date:	05/25/2012	PO No:	DELL-4
Method #:	SW 8260B	Analyst:	MDR

RESULTS OF ANALYSIS

EPA 8260B Volatile Organics RCP

Matrix Type:	WATER
CTL Sample No.:	7215
Field ID:	Drum Comp
Date Analyzed:	05/19/2012
Date Extracted:	05/19/2012

Parameters	Units	RL				
Dichlorodifluoromethane	ug/L	0.5	ND			
Chloromethane	ug/L	0.5	ND			
Vinyl chloride	ug/L	0.5	ND			
Bromomethane	ug/L	0.5	ND			
Chloroethane	ug/L	0.5	ND			
Trichlorofluoromethane	ug/L	0.5	ND			
Trichlorotrifluoroethane	ug/L	0.5	ND			
Acetone	ug/L	5.0	175.0			
1,1-Dichloroethylene	ug/L	0.5	ND			
Methylene chloride	ug/L	0.5	ND			
Methyl tert-butyl ether (MTBE)	ug/L	0.5	ND			
Carbon disulfide	ug/L	0.5	ND			
Acrylonitrile	ug/L	0.5	ND			
trans-1,2-Dichloroethylene	ug/L	0.5	ND			
1,1-Dichloroethane	ug/L	0.5	ND			
Methyl ethyl ketone	ug/L	5.0	ND			
2,2-Dichloropropane	ug/L	0.5	ND			
cis-1,2-Dichloroethylene	ug/L	0.5	ND			
Tetrahydrofuran	ug/L	5.0	ND			
Chloroform	ug/L	0.5	ND			
Bromochloromethane	ug/L	0.5	ND			
1,1,1-Trichloroethane	ug/L	0.5	ND			
1,1-Dichloropropylene	ug/L	0.5	ND			
Carbon tetrachloride	ug/L	0.5	ND			
Benzene	ug/L	0.5	ND			
1,2-Dichloroethane	ug/L	0.5	ND			
Trichloroethylene	ug/L	0.5	ND			
1,2-Dichloropropane	ug/L	0.5	ND			
Bromodichloromethane	ug/L	0.5	ND			
Dibromomethane	ug/L	0.5	ND			
MIBK	ug/L	5.0	ND			
cis-1,3-Dichloropropylene	ug/L	0.5	ND			
Toluene	ug/L	0.5	ND			
trans-1,3-Dichloropropylene	ug/L	0.5	ND			

RL=Reporting Level ND = None Detected

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Date Samples Received: 05/18/2012

Client Name:	Leggette, Brashears & Graham	CTL Lab No.:	0512299
Report Date:	05/25/2012	PO No:	DELL-4
Method #:	SW 8260B	Analyst:	MDR

RESULTS OF ANALYSIS

EPA 8260B Volatile Organics RCP

Matrix Type:	WATER
CTL Sample No.:	7215
Field ID:	Drum Comp
Date Analyzed:	05/19/2012
Date Extracted:	05/19/2012

Parameters	Units	RL				
1,1,2-Trichloroethane	ug/L	0.5	ND			
Methyl butyl ketone	ug/L	5.0	ND			
Tetrachloroethylene	ug/L	0.5	ND			
1,3-Dichloropropane	ug/L	0.5	ND			
Dibromochloromethane	ug/L	0.5	ND			
1,2-Dibromoethane	ug/L	0.5	ND			
Chlorobenzene	ug/L	0.5	ND			
Ethyl Benzene	ug/L	0.5	ND			
1,1,1,2-Tetrachloroethane	ug/L	0.5	ND			
p/m-Xylene	ug/L	0.5	ND			
o-Xylene	ug/L	0.5	ND			
Styrene	ug/L	0.5	ND			
Bromoform	ug/L	0.5	ND			
Isopropylbenzene	ug/L	0.5	ND			
1,1,2,2-Tetrachloroethane	ug/L	0.5	ND			
Bromobenzene	ug/L	0.5	ND			
n-Propylbenzene	ug/L	0.5	ND			
1,2,3-Trichloropropane	ug/L	0.5	ND			
2-Chlorotoluene	ug/L	0.5	ND			
1,2,4-Trimethylbenzene	ug/L	0.5	ND			
t-1,4-Dichloro-2-butene	ug/L	0.5	ND			
4-Chlorotoluene	ug/L	0.5	ND			
tert-Butylbenzene	ug/L	0.5	ND			
1,3,5-Trimethylbenzene	ug/L	0.5	ND			
p-Isopropyltoluene	ug/L	0.5	ND			
1,3-Dichlorobenzene	ug/L	0.5	ND			
sec-Butylbenzene	ug/L	0.5	ND			
1,4-Dichlorobenzene	ug/L	0.5	ND			
n-Butylbenzene	ug/L	0.5	ND			
1,2-Dichlorobenzene	ug/L	0.5	ND			
1,2-Dibromo-3-chloropropane	ug/L	0.5	ND			
1,2,4-Trichlorobenzene	ug/L	0.5	ND			
Hexachlorobutadiene	ug/L	0.45	ND			
Naphthalene	ug/L	0.5	ND			

RL=Reporting Level ND = None Detected

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Certification CT-PH0547 / MA-CT035

Date Samples Received: 05/18/2012

Client Name:	Leggette, Brashears & Graham	CTL Lab No.:	0512299
Report Date:	05/25/2012	PO No:	DELL-4
Method #:	SW 8260B	Analyst:	MDR

RESULTS OF ANALYSIS

EPA 8260B Volatile Organics RCP

Matrix Type:	WATER
CTL Sample No.:	7215
Field ID:	Drum Comp
Date Analyzed:	05/19/2012
Date Extracted:	05/19/2012

Parameters	Units	RL				
1,2,3-Trichlorobenzene	ug/L	0.5	ND			
1,2-Dichloroethane-d4	%	----	94			
Toluene-d8	%	----	93			
4-Bromofluorobenzene	%	----	108			

RL=Reporting Level ND = None Detected

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Certification CT-PH0547 / MA-CT035

Connecticut Testing Laboratories, Inc.

QUALITY CONTROL REPORT

8 RCRA Metals -Total

Order#: 0512299

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic, Total-mg/L	0033174-02			ND		
Barium, Total-mg/L	0033174-02			ND		
Cadmium, Total-mg/L	0033174-02			ND		
Chromium, Total-mg/L	0033174-02			ND		
Lead, Total-mg/L	0033174-02			ND		
Mercury, Total-mg/L	0033174-02			ND		
Selenium, Total-mg/L	0033174-02			ND		
Silver, Total-mg/L	0033174-02			ND		

CONTROL WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic, Total-mg/L	0033174-03		0.574	0.544	94.8%	
Barium, Total-mg/L	0033174-03		0.948	0.948	100.%	
Cadmium, Total-mg/L	0033174-03		0.405	0.409	101.%	
Chromium, Total-mg/L	0033174-03		0.734	0.736	100.3%	
Lead, Total-mg/L	0033174-03		2.44	2.41	98.8%	
Mercury, Total-mg/L	0033174-03		0.00420	0.00430	102.4%	
Selenium, Total-mg/L	0033174-03		0.119	0.115	96.6%	
Silver, Total-mg/L	0033174-03		0.541	0.551	101.8%	

Connecticut Testing Laboratories, Inc.

QUALITY CONTROL REPORT

CTETPH-RCP

Order#: 0512299

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
CT ETPH-mg/L	0033135-02			ND		
CONTROL WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
CT ETPH-mg/L	0033135-03		1.4	1.3	92.9%	

Type of QC	Surrogates	% Recovered	QC Limits (%)	
BLANK	1-Chloro-Octadecene	100%	50	150
Type of QC	**Surrogates**	**% Recovered**	**QC Limits (%)**	
CONTROL	1-Chloro-Octadecene	123%	50	150

Connecticut Testing Laboratories, Inc.

QUALITY CONTROL REPORT

CTETPH-RCP

Order#: 0512299

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
CT ETPH-mg/kg	0033204-02			ND		
CONTROL SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
CT ETPH-mg/kg	0033204-03		560	599	107.%	
MS SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
CT ETPH-mg/kg	0000072-13	ND	280	296	105.7%	
MSD SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
CT ETPH-mg/kg	0000072-13	ND	280	306	109.3%	3.3%

Type of QC	Surrogates	% Recovered	QC Limits (%)	
BLANK	1-Chloro-Octadecene	127%	50	150
Type of QC	**Surrogates**	**% Recovered**	**QC Limits (%)**	
CONTROL	1-Chloro-Octadecene	119%	50	150
Type of QC	**Surrogates**	**% Recovered**	**QC Limits (%)**	
MS	1-Chloro-Octadecene	119%	50	150
Type of QC	**Surrogates**	**% Recovered**	**QC Limits (%)**	
MSD	1-Chloro-Octadecene	131%	50	150

Connecticut Testing Laboratories, Inc.

QUALITY CONTROL REPORT

EPA Method 8082 RCP

Order#: 0512299

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Aroclor 1016-mg/kg	0033206-02			ND		
Aroclor 1221-mg/kg	0033206-02			ND		
Aroclor 1232-mg/kg	0033206-02			ND		
Aroclor 1242-mg/kg	0033206-02			ND		
Aroclor 1248-mg/kg	0033206-02			ND		
Aroclor 1254-mg/kg	0033206-02			ND		
Aroclor 1260-mg/kg	0033206-02			ND		
CONTROL SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Aroclor 1016-mg/kg	0033206-03		10.0	8.9	89.%	
Aroclor 1260-mg/kg	0033206-03		10.0	9.0	90.%	

Type of QC	Surrogates	% Recovered	QC Limits (%)	
BLANK	Decachlorobiphenyl-SR	104%	30	150
BLANK	Tetrachloro-m-Xylene-SR	91%	30	150
Type of QC	**Surrogates**	**% Recovered**	**QC Limits (%)**	
CONTROL	Decachlorobiphenyl-SR	94%	30	150
CONTROL	Tetrachloro-m-Xylene-SR	103%	30	150

Connecticut Testing Laboratories, Inc.

QUALITY CONTROL REPORT

EPA Method 8082 RCP

Order#: 0512299

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Aroclor 1016-ug/L	0033207-02			ND		
Aroclor 1221-ug/L	0033207-02			ND		
Aroclor 1232-ug/L	0033207-02			ND		
Aroclor 1242-ug/L	0033207-02			ND		
Aroclor 1248-ug/L	0033207-02			ND		
Aroclor 1254-ug/L	0033207-02			ND		
Aroclor 1260-ug/L	0033207-02			ND		
CONTROL WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Aroclor 1016-ug/L	0033207-03		10.0	10.3	103.%	
Aroclor 1260-ug/L	0033207-03		10.0	10.2	102.%	

Type of QC	Surrogates	% Recovered	QC Limits (%)	
BLANK	Decachlorobiphenyl-SR	78%	30	150
BLANK	Tetrachloro-m-Xylene-SR	71%	30	150
Type of QC	**Surrogates**	**% Recovered**	**QC Limits (%)**	
CONTROL	Decachlorobiphenyl-SR	90%	30	150
CONTROL	Tetrachloro-m-Xylene-SR	87%	30	150

Connecticut Testing Laboratories, Inc.

QUALITY CONTROL REPORT

EPA 8260B Volatile Organics RCP

Order#: 0512299

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Dichlorodifluoromethane-ug/L	0033147-02			ND		
Chloromethane-ug/L	0033147-02			ND		
Vinyl chloride-ug/L	0033147-02			ND		
Bromomethane-ug/L	0033147-02			ND		
Chloroethane-ug/L	0033147-02			ND		
Trichlorofluoromethane-ug/L	0033147-02			ND		
Trichlorotrifluoroethane-ug/L	0033147-02			ND		
Acetone-ug/L	0033147-02			ND		
1,1-Dichloroethylene-ug/L	0033147-02			ND		
Methylene chloride-ug/L	0033147-02			ND		
Methyl tert-butyl ether (MTBE)-ug/L	0033147-02			ND		
Carbon disulfide-ug/L	0033147-02			ND		
Acrylonitrile-ug/L	0033147-02			ND		
trans-1,2-Dichloroethylene-ug/L	0033147-02			ND		
1,1-Dichloroethane-ug/L	0033147-02			ND		
Methyl ethyl ketone-ug/L	0033147-02			ND		
2,2-Dichloropropane-ug/L	0033147-02			ND		
cis-1,2-Dichloroethylene-ug/L	0033147-02			ND		
Tetrahydrofuran-ug/L	0033147-02			ND		
Chloroform-ug/L	0033147-02			ND		
Bromochloromethane-ug/L	0033147-02			ND		
1,1,1-Trichloroethane-ug/L	0033147-02			ND		
1,1-Dichloropropylene-ug/L	0033147-02			ND		
Carbon tetrachloride-ug/L	0033147-02			ND		
Benzene-ug/L	0033147-02			ND		
1,2-Dichloroethane-ug/L	0033147-02			ND		
Trichloroethylene-ug/L	0033147-02			ND		
1,2-Dichloropropane-ug/L	0033147-02			ND		
Bromodichloromethane-ug/L	0033147-02			ND		
Dibromomethane-ug/L	0033147-02			ND		
MIBK-ug/L	0033147-02			ND		
cis-1,3-Dichloropropylene-ug/L	0033147-02			ND		
Toluene-ug/L	0033147-02			ND		
trans-1,3-Dichloropropylene-ug/L	0033147-02			ND		
1,1,2-Trichloroethane-ug/L	0033147-02			ND		
Methyl butyl ketone-ug/L	0033147-02			ND		
Tetrachloroethylene-ug/L	0033147-02			ND		
1,3-Dichloropropane-ug/L	0033147-02			ND		
Dibromochloromethane-ug/L	0033147-02			ND		
1,2-Dibromoethane-ug/L	0033147-02			ND		

Connecticut Testing Laboratories, Inc.

QUALITY CONTROL REPORT

EPA 8260B Volatile Organics RCP

Order#: 0512299

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chlorobenzene-ug/L	0033147-02			ND		
Ethyl Benzene-ug/L	0033147-02			ND		
1,1,1,2-Tetrachloroethane-ug/L	0033147-02			ND		
p/m-Xylene-ug/L	0033147-02			ND		
o-Xylene-ug/L	0033147-02			ND		
Styrene-ug/L	0033147-02			ND		
Bromoform-ug/L	0033147-02			ND		
Isopropylbenzene-ug/L	0033147-02			ND		
1,1,2,2-Tetrachloroethane-ug/L	0033147-02			ND		
Bromobenzene-ug/L	0033147-02			ND		
n-Propylbenzene-ug/L	0033147-02			ND		
1,2,3-Trichloropropane-ug/L	0033147-02			ND		
2-Chlorotoluene-ug/L	0033147-02			ND		
1,2,4-Trimethylbenzene-ug/L	0033147-02			ND		
t-1,4-Dichloro-2-butene-ug/L	0033147-02			ND		
4-Chlorotoluene-ug/L	0033147-02			ND		
tert-Butylbenzene-ug/L	0033147-02			ND		
1,3,5-Trimethylbenzene-ug/L	0033147-02			ND		
p-Isopropyltoluene-ug/L	0033147-02			ND		
1,3-Dichlorobenzene-ug/L	0033147-02			ND		
sec-Butylbenzene-ug/L	0033147-02			ND		
1,4-Dichlorobenzene-ug/L	0033147-02			ND		
n-Butylbenzene-ug/L	0033147-02			ND		
1,2-Dichlorobenzene-ug/L	0033147-02			ND		
1,2-Dibromo-3-chloropropane-ug/L	0033147-02			ND		
1,2,4-Trichlorobenzene-ug/L	0033147-02			ND		
Hexachlorobutadiene-ug/L	0033147-02			ND		
Naphthalene-ug/L	0033147-02			ND		
1,2,3-Trichlorobenzene-ug/L	0033147-02			ND		

CONTROL WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Dichlorodifluoromethane-ug/L	0033147-03		48.0	19.0	39.6%	
Chloromethane-ug/L	0033147-03		48.0	37.0	77.1%	
Vinyl chloride-ug/L	0033147-03		48.0	38.0	79.2%	
Bromomethane-ug/L	0033147-03		48.0	45.0	93.8%	
Chloroethane-ug/L	0033147-03		48.0	47.0	97.9%	
Trichlorofluoromethane-ug/L	0033147-03		48.0	46.0	95.8%	
Trichlorotrifluoroethane-ug/L	0033147-03		48.0	43.0	89.6%	
Acetone-ug/L	0033147-03		48.0	41.0	85.4%	
1,1-Dichloroethylene-ug/L	0033147-03		48.0	46.0	95.8%	

Connecticut Testing Laboratories, Inc.

QUALITY CONTROL REPORT

EPA 8260B Volatile Organics RCP

Order#: 0512299

CONTROL WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Methylene chloride-ug/L	0033147-03		48.0	51.0	106.3%	
Methyl tert-butyl ether (MTBE)-ug/L	0033147-03		48.0	51.0	106.3%	
Carbon disulfide-ug/L	0033147-03		48.0	39.0	81.3%	
Acrylonitrile-ug/L	0033147-03		48.0	50.0	104.2%	
trans-1,2-Dichloroethylene-ug/L	0033147-03		48.0	47.0	97.9%	
1,1-Dichloroethane-ug/L	0033147-03		48.0	49.0	102.1%	
Methyl ethyl ketone-ug/L	0033147-03		48.0	36.0	75.%	
2,2-Dichloropropane-ug/L	0033147-03		48.0	25.0	52.1%	
cis-1,2-Dichloroethylene-ug/L	0033147-03		48.0	48.0	100.%	
Tetrahydrofuran-ug/L	0033147-03		48.0	47.0	97.9%	
Chloroform-ug/L	0033147-03		48.0	52.0	108.3%	
Bromochloromethane-ug/L	0033147-03		48.0	53.0	110.4%	
1,1,1-Trichloroethane-ug/L	0033147-03		48.0	49.0	102.1%	
1,1-Dichloropropylene-ug/L	0033147-03		48.0	50.0	104.2%	
Carbon tetrachloride-ug/L	0033147-03		48.0	49.0	102.1%	
Benzene-ug/L	0033147-03		48.0	46.0	95.8%	
1,2-Dichloroethane-ug/L	0033147-03		48.0	44.0	91.7%	
Trichloroethylene-ug/L	0033147-03		48.0	44.0	91.7%	
1,2-Dichloropropane-ug/L	0033147-03		48.0	45.0	93.8%	
Bromodichloromethane-ug/L	0033147-03		48.0	45.0	93.8%	
Dibromomethane-ug/L	0033147-03		48.0	46.0	95.8%	
MIBK-ug/L	0033147-03		48.0	39.0	81.3%	
cis-1,3-Dichloropropylene-ug/L	0033147-03		48.0	41.0	85.4%	
Toluene-ug/L	0033147-03		48.0	49.0	102.1%	
trans-1,3-Dichloropropylene-ug/L	0033147-03		48.0	40.0	83.3%	
1,1,2-Trichloroethane-ug/L	0033147-03		48.0	47.0	97.9%	
Methyl butyl ketone-ug/L	0033147-03		48.0	47.0	97.9%	
Tetrachloroethylene-ug/L	0033147-03		48.0	38.0	79.2%	
1,3-Dichloropropane-ug/L	0033147-03		48.0	46.0	95.8%	
Dibromochloromethane-ug/L	0033147-03		48.0	46.0	95.8%	
1,2-Dibromoethane-ug/L	0033147-03		48.0	47.0	97.9%	
Chlorobenzene-ug/L	0033147-03		48.0	46.0	95.8%	
Ethyl Benzene-ug/L	0033147-03		48.0	47.0	97.9%	
1,1,1,2-Tetrachloroethane-ug/L	0033147-03		48.0	47.0	97.9%	
p/m-Xylene-ug/L	0033147-03		96.0	96.0	100.%	
o-Xylene-ug/L	0033147-03		48.0	47.0	97.9%	
Styrene-ug/L	0033147-03		48.0	47.0	97.9%	
Bromoform-ug/L	0033147-03		48.0	60.0	125.%	
Isopropylbenzene-ug/L	0033147-03		48.0	45.0	93.8%	
1,1,2,2-Tetrachloroethane-ug/L	0033147-03		48.0	46.0	95.8%	

Connecticut Testing Laboratories, Inc.

QUALITY CONTROL REPORT

EPA 8260B Volatile Organics RCP

Order#: 0512299

CONTROL WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Bromobenzene-ug/L	0033147-03		48.0	44.0	91.7%	
n-Propylbenzene-ug/L	0033147-03		48.0	41.0	85.4%	
1,2,3-Trichloropropane-ug/L	0033147-03		48.0	44.0	91.7%	
2-Chlorotoluene-ug/L	0033147-03		48.0	42.0	87.5%	
1,2,4-Trimethylbenzene-ug/L	0033147-03		48.0	42.0	87.5%	
t-1,4-Dichloro-2-butene-ug/L	0033147-03		48.0	38.0	79.2%	
4-Chlorotoluene-ug/L	0033147-03		48.0	42.0	87.5%	
tert-Butylbenzene-ug/L	0033147-03		48.0	43.0	89.6%	
1,3,5-Trimethylbenzene-ug/L	0033147-03		48.0	42.0	87.5%	
p-Isopropyltoluene-ug/L	0033147-03		48.0	41.0	85.4%	
1,3-Dichlorobenzene-ug/L	0033147-03		48.0	44.0	91.7%	
sec-Butylbenzene-ug/L	0033147-03		48.0	40.0	83.3%	
1,4-Dichlorobenzene-ug/L	0033147-03		48.0	44.0	91.7%	
n-Butylbenzene-ug/L	0033147-03		48.0	36.0	75.%	
1,2-Dichlorobenzene-ug/L	0033147-03		48.0	43.0	89.6%	
1,2-Dibromo-3-chloropropane-ug/L	0033147-03		48.0	70.0	145.8%	
1,2,4-Trichlorobenzene-ug/L	0033147-03		48.0	43.0	89.6%	
Hexachlorobutadiene-ug/L	0033147-03		48.0	32.0	66.7%	
Naphthalene-ug/L	0033147-03		48.0	39.0	81.3%	
1,2,3-Trichlorobenzene-ug/L	0033147-03		48.0	41.0	85.4%	

Type of QC	Surrogates	% Recovered	QC Limits (%)	
BLANK	1,2-Dichloroethane-d4	99%	70	130
BLANK	Toluene-d8	92%	70	130
BLANK	4-Bromofluorobenzene	107%	70	130
Type of QC	**Surrogates**	**% Recovered**	**QC Limits (%)**	
CONTROL	1,2-Dichloroethane-d4	95%	70	130
CONTROL	Toluene-d8	95%	70	130
CONTROL	4-Bromofluorobenzene	102%	70	130

CONNECTICUT TESTING LAB'S, INC.

RCP DQA SUMMARY TABLE

EPA Method 6010B

CTL Lab # 0512299
Client: Leggette, Brashears & Graham
Project: DELL-4

CTL Sample #	Analyte	QC Type	Date Tested	Spike Value	Result	RCP Criteria	%R	RPD	Bias	DEVIATIONS
7215	8 RCRA (less Hg)	ICAL	5/23/2012	3 Levels	Pass	"r" > 0.995				No Anomalies
7215	8 RCRA (less Hg)	ICV	5/23/2012	Varies	Pass	±10% TV				No Anomalies
7215	8 RCRA (less Hg)	ICVD	5/23/2012	Varies	Pass	<5% RPD				No Anomalies
7215	8 RCRA (less Hg)	ICB	5/23/2012	0.0	Pass	<RL				No Anomalies
7215	8 RCRA (less Hg)	LLCC	5/23/2012	</=RL	Pass	±30% except Sb, As, Co & Tl ±50%				No Anomalies
7215	8 RCRA (less Hg)	CCV	5/23/2012	1.00	Pass	±10% TV				No Anomalies
7215	8 RCRA (less Hg)	CCVD	5/23/2012	1.00	Pass	<5% RPD				No Anomalies
7215	8 RCRA (less Hg)	CCB	5/23/2012	0.0	Pass	<RL				No Anomalies
7215	8 RCRA (less Hg)	ICSA/B	5/23/2012	Varies	Pass	±20%				No Anomalies
7215	8 RCRA (less Hg)	MB	5/23/2012	0.0	Pass	Targets<RL				No Anomalies
7215	8 RCRA (less Hg)	LCS	5/23/2012	Varies	Pass	±20%R				No Anomalies
	8 RCRA (less Hg)	MS	----	Varies	----	75-125% R	----	----	----	
	8 RCRA (less Hg)	MD	----	----	----	<20% RPD Aqueous, <35% RPD Solid	----	----	----	
	8 RCRA (less Hg)	MSD	----	Varies	----	<20% RPD Aqueous, <35% RPD Solid	----	----	----	

ICAL = Initial Calibration
ICV= Initial Calibration Verification
ICVD= Intial Caibration Verification Dupe
ICB= Initial Calibration Blank
LLCC= Low Level Calibration Check (CRDL)
CCV= Continuing Calibration Verification
CCVD= Continuing Calibration Verification Duplicate

CCB= Continuing Calibration Blank
ICSA/B= Interference Check Standards
MB= Method Blank
LCS= Laboratory Control Sample
MS= Matrix Spike
MSD= Matrix Spike Duplicate
MD= Matrix Duplicate

"r"= Correlation Coefficient
TV= True Value
RPD= Relative Percent Difference
%R= % Recovery
RL= reporting Level

CONNECTICUT TESTING LAB'S, INC.

RCP DQA SUMMARY TABLE

EPA Method 7470A/7471A

CTL Lab No.: 0512299
Client: Leggette, Brashears & Graham
Project: DELL-4

CTL Sample #	Analyte	QC Type	Date Tested	Spike Value	Result	RCP Criteria	%R	RPD	Bias	DEVIATIONS
7215	Mercury	ICAL	5/22/2012	6 Levels	Pass	"r" > 0.995				No Anomalies
7215	Mercury	ICV	5/22/2012	Varies	Pass	±10% TV				No Anomalies
7215	Mercury	ICB	5/22/2012	0.0	Pass	<RL				No Anomalies
7215	Mercury	Beg CCV	5/22/2012	0.005	Pass	±20% TV				No Anomalies
7215	Mercury	CCB	5/22/2012	0.0	Pass	<RL				No Anomalies
7215	Mercury	MB	5/22/2012	0.0	Pass	<RL				No Anomalies
7215	Mercury	LCS	5/22/2012	Varies	Pass	±20% TV Aqueous, 95% CL				No Anomalies
	Mercury	MD	----	----	----	±20% RPD Aqueous, ±35% RPD	----	----	----	
	Mercury	MS	----	Varies	----	75-125% R	----	----	----	
	Mercury	MSD	----	Varies	----	75-125% R	----	----	----	
7215	Mercury	End CCV	5/22/2012	0.005	Pass	±20% TV				No Anomalies

ICAL = Initial Calibration
ICV= Initial Calibration Verification
ICB= Initial Calibration Blank
Beg CCV= Beginning Continuing Calibration Verification
CCB= Continuing Calibration Verification
End CCV= End Continuing Calibration Verification

MB= Method Blank
LCS= Laboratory Control Sample
MD= Matrix Dupe
MS= Matrix Spike
MSD= Matrix Spike Duplicate

r= Correlation Coefficient
TV= True Value
RL= Reporting Level
CL = Confidence Limits
RPD= Relative Percent Difference
%R= % Recovery

CONNECTICUT TESTING LAB'S, INC.

RCP DQA SUMMARY TABLE

CT ETPH

CTL Lab # 0512299
Client: LBG
Project: DELL-4

CTL Sample #	Analyte	QC Type		Calibr. Date			Criteria				Notes
7206-7210, 7215	CT ETPH	ICAL		4/11/12			≤30% RSD				No Anomalies
7206-7210, 7215	CT ETPH	ICV		4/11/12			See Method				No Anomalies
7206-7210, 7215	CT ETPH	DChk		4/11/12			+/- 20% D				Meets Method Requirements

		QC Type	Result	Spike Value	%D	%R	Criteria	Bias	RPD	RPD Bias	
7206-7210, 7215	CT ETPH	CCAL					+/-30%D				No Anomalies
7206-7210, 7215	CT ETPH	DChk					Pass				Meets Method Requirements
7206-7210, 7215	CT ETPH	MB	ND				Targets <RL				No Anomalies
7206-7210, 7215	CT ETPH	LCS					60-120%R				No Anomalies
7206-7210, 7215	CT ETPH	SR					50-150%R				No Anomalies
----	CT ETPH	MS	----	----		----	50-150%R	----	----	----	----
----	CT ETPH	MSD	----	----		----	50-150%R RPD≤30	----	----	----	----

L=Low H= High NDR=Non Directional
ICAL = Initial Calibration
ICV= Initial Calibration Verification
DChk= Discrimination Check
CCAL=Continuing Calibration

MB= Method Blank
LCS= Laboratory Control Sample
SR= Surrogate Recovery
MS= Matrix Spike
MSD= Matrix Spike Duplicate

RSD= Relative Standard Deviation
%D=% Drift
%R= % Recovery
RPD= Relative Percent Difference

CONNECTICUT TESTING LAB'S, INC.

RCP DQA SUMMARY TABLE

CT ETPH

CTL Lab # 0512299
Client: LBG
Project: DELL-4

CTL Sample #	Analyte	QC Type		Calibr. Date			Criteria				Notes
7211 - 7214	CT ETPH	ICAL		4/11/12			≤30% RSD				No Anomalies
7211 - 7214	CT ETPH	ICV		4/11/12			See Method				No Anomalies
7211 - 7214	CT ETPH	DChk		4/11/12			+/- 20% D				Meets Method Requirements

		QC Type	Result	Spike Value	%D	%R	Criteria	Bias	RPD	RPD Bias	
7211 - 7214	CT ETPH	CCAL					+/-30%D				No Anomalies
7211 - 7214	CT ETPH	DChk					Pass				Meets Method Requirements
7211 - 7214	CT ETPH	MB	ND				Targets <RL				No Anomalies
7211 - 7214	CT ETPH	LCS					60-120%R				No Anomalies
7211 - 7214	CT ETPH	SR					50-150%R				No Anomalies
7213	CT ETPH	MS					50-150%R				No Anomalies
7213	CT ETPH	MSD					50-150%R RPD≤30				No Anomalies

L=Low H= High NDR=Non Directic
ICAL = Initial Calibration
ICV= Initial Calibration Verification
DChk= Discrimination Check
CCAL=Continuing Calibration

MB= Method Blank
LCS= Laboratory Control Sample
SR= Surrogate Recovery
MS= Matrix Spike
MSD= Matrix Spike Duplicate

RSD= Relative Standard Deviation
%D=% Drift
%R= % Recovery
RPD= Relative Percent Difference

CONNECTICUT TESTING LAB'S, INC.

RCP DQA SUMMARY TABLE

EPA Method 8082

CTL Lab No.: 0512299
Client: Leggette, Brashears & Graham
Project: DELL-4

CTL Sample #	Analyte	QC Type		Calibr. Date			RCP Criteria				Notes
7211	Ac1016, Ac1221, Ac1232, Ac1242, Ac 1248, Ac1254, Ac 1260	ICAL	6 Levels	05/24/12			"r" ≥0.990				No Anomalies

		QC Type	Result	Spike Value	%D	%R	RCP Criteria	Bias	RPD	RPD Bias	
7211	Ac1016, Ac 1260	Beg CCAL					≤15% D				No Anomalies
7211	Ac1016, Ac1221, Ac1232, Ac1242, Ac 1248, Ac1254, Ac 1260	MB	ND				Targets <RL				No Anomalies
7211	Ac1016, Ac1260	LCS					40-140% R				No Anomalies
7211	Decachlorobiphenyl, Tetrachloro-m-xylene	SR					30-150% R				No Anomalies
	Ac1016, Ac1260	MS	----	---	---	--	40-140% R	--			
	Ac1016, Ac1260	MSD	----	---	---	--	≤50% RPD	--			
7211	Ac1016, Ac1260	End CCAL					≤15% D				No Anomalies

L=Low H=High NDR=Non Directional
ICAL = Initial Calibration
Beg CCAL= Beginning Continuing Calibratio
End CCAL=End Continuing Calibration
MB= Method Blank

LCS= Laboratory Control Sample
SR=Surrogate Recovery %
MS= Matrix Spike
MSD= Matrix Spike Duplicate

r= Correlation Coefficient
%D= % Drift
%R= % Recovery
RPD= Relative Percent Difference
RL= Reporting Leve

CONNECTICUT TESTING LAB'S, INC.

RCP DQA SUMMARY TABLE

EPA Method 8082

CTL Lab No.: 0512299
Client: Leggette, Brashears & Graham
Project: DELL-4

CTL Sample #	Analyte	QC Type		Calibr. Date			RCP Criteria				Notes
7212 - 7215	Ac1016, Ac1221, Ac1232, Ac1242, Ac 1248, Ac1254, Ac 1260	ICAL	6 Levels	04/23/12			"r" ≥0.990				No Anomalies

		QC Type	Result	Spike Value	%D	%R	RCP Criteria	Bias	RPD	RPD Bias	
7212 - 7215	Ac1016, Ac 1260	Beg CCAL					≤15% D				No Anomalies
7212 - 7215	Ac1016, Ac1221, Ac1232, Ac1242, Ac 1248, Ac1254, Ac 1260	MB	ND				Targets <RL				No Anomalies
7212 - 7215	Ac1016, Ac1260	LCS					40-140% R				No Anomalies
7212 - 7215	Decachlorobiphenyl, Tetrachloro-m-xylene	SR					30-150% R				No Anomalies
	Ac1016, Ac1260	MS	----	---	---	--	40-140% R	--			
	Ac1016, Ac1260	MSD	----	---	---	--	≤50% RPD	--			
7212 - 7215	Ac1016, Ac1260	End CCAL					≤15% D				No Anomalies

L=Low H=High NDR=Non Directional
ICAL = Initial Calibration
Beg CCAL= Beginning Continuing Calibratic
End CCAL=End Continuing Calibration
MB= Method Blank

LCS= Laboratory Control Sample
SR=Surrogate Recovery %
MS= Matrix Spike
MSD= Matrix Spike Duplicate

r= Correlation Coefficient
%D= % Drift
%R= % Recovery
RPD= Relative Percent Difference
RL= Reporting Leve

CONNECTICUT TESTING LAB'S, INC.

RCP DQA SUMMARY TABLE

EPA Method 8082

CTL Lab No.: 0512299
Client: Leggette, Brashears & Graham
Project: DELL-4

CTL Sample #	Analyte	QC Type		Calibr. Date			RCP Criteria				Notes
7215	Ac1016, Ac1221, Ac1232, Ac1242, Ac 1248, Ac1254, Ac 1260	ICAL	6 Levels	04/04/12			"r" ≥0.990				No Anomalies

		QC Type	Result	Spike Value	%D	%R	RCP Criteria	Bias	RPD	RPD Bias	
7215	Ac1016, Ac 1260	Beg CCAL					≤15% D				No Anomalies
7215	Ac1016, Ac1221, Ac1232, Ac1242, Ac 1248, Ac1254, Ac 1260	MB	ND				Targets <RL				No Anomalies
7215	Ac1016, Ac1260	LCS					40-140% R				No Anomalies
7215	Decachlorobiphenyl, Tetrachloro-m-xylene	SR					30-150% R				No Anomalies
	Ac1016, Ac1260	MS	----	---	---	--	40-140% R	--	--	--	
	Ac1016, Ac1260	MSD	----	---	---	--	≤50% RPD	--	--	--	
7215	Ac1016, Ac1260	End CCAL					≤15% D				No Anomalies

L=Low H=High NDR=Non Directional
ICAL = Initial Calibration
Beg CCAL= Beginning Continuing (
End CCAL=End Continuing Calibra
MB= Method Blank

LCS= Laboratory Control Sample
SR=Surrogate Recovery %
MS= Matrix Spike
MSD= Matrix Spike Duplicate

r= Correlation Coefficient
%D= % Drift
%R= % Recovery
RPD= Relative Percent Difference
RL= Reporting Leve

RCP DQA SUMMARY TABLE

EPA Method 8260B

CTL Lab No.: 0512299
Client: LBG
Project: DELL-4

CTL Sample #	Analyte	QC Type		Calibr. Date	%DEV	RF	RCP Criteria	Bias			Notes
7215	ALL	ICAL		4/30/12			≤15% RSD, CCCs ≤30% RSD, RF≥0.05				No Anomalies
7215	ALL	ICV		4/30/12			+/- 20% Dev				No Anomalies
7215	ALL	ITUNE		4/30/12			See Method				No Anomalies

		QC Type	Result	Spike Value	%D	%R	RCP Criteria	Bias	RPD	RPD Bias	
7215	DICHLORODIFLUOROMETHANE	CCAL			-60		+/-30%D	L			
7215	2,2 DICHLOROPROPANE	CCAL			-48		+/-30%D	L			
7215	1,2 DIBROMO 3 CHLOROPROPANE	CCAL			46		+/-30%D	H			
7215	HEXACHLOROBUTADIENE	CCAL			-33		+/-30%D	L			
7215	ALL	TUNE					See Method				No Anomalies
7215	ALL	MB	ND				<RL				No Anomalies
7215	DICHLORODIFLUOROMETHANE	LCS	19	48		40	70-130%R	L			
7215	2,2 DICHLOROPROPANE	LCS	25	48		52	70-130%R	L			
7215	1,2 DIBROMO 3 CHLOROPROPANE	LCS	70	48		146	70-130%R	H			
7215	HEXACHLOROBUTADIENE	LCS	32	48		67	70-130%R	L			
7215	ALL	SR					70-130%R				No Anomalies
7215	ALL	IS					50% to 200% A				No Anomalies
	ALL	MS	----	----		----	70-130%R	----			
	ALL	MSD	----	----		----	RPD≤30%	----	----	----	
	ALL	DUPE	----	----		----	RPD≤30%	----	----	----	

BATCH = Series of samples analyzed under one DQA summary.
Bias: L=Low H= High NDR=Non Directional
ITUNE= Initial Tune BFB
ICAL = Initial Calibration
ICV= Initial Calibration Verification 2nd Source
CCAL=Continuing Calibration
A= Area counts compared to CCAL
CCCs= Calibration Check Compounds

MB= Method Blank
LCS= Laboratory Control Sample
SR=Surrogate Recovery %
MS= Matrix Spike
MSD= Matrix Spike Dupe
DUPE= Laboratory Duplicate

% RSD= Relative Standard Deviation
%R= % Recovery
%D= % Drift
RPD= Relative Percent Difference
IS= Internal Standard
ND= None Detected

☐ **VPH NOT Present**

☐ **VPH Present**

Sample #'s: