

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

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August 27, 2012

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Dechant 1-31A

Enclosed are the results of analyses for samples received by Summit Scientific on 08/17/12 17:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Joe Egry" with a stylized flourish at the end.

Joe Egry For Ben Shrewsbury
President / Laboratory Director

LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - Dechant 1-31A

Project Number: PDC 09028.001
Project Manager: Brian Dodek

Reported:
08/27/12 12:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW10R	R208122-01	Water	08/17/12 10:35	08/17/12 17:05

R208/22

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Page { of

Client: LT Environmental, Inc.

Address: 4600 West 60th Avenue

City/State/Zip: Arvada, CO 80003

Phone: (303) 433-9788

Sampler Name: Daini, India

Samueli Mallin, DEWILP

Project Manager:

E-Mail:

Project Name:

Project Number:

Dodek

dek@ltenv.com

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2014-01-01

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Legal Eagle IV



LT Environmental, Inc.
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Arvada CO, 80003

Project: PDC - Dechant 1-31A
Project Number: PDC 09028.001
Project Manager: Brian Dodek

Reported:
08/27/12 12:03

MW10R
R208122-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **08/17/12 10:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	5.8	1.0		ug/l	1	2081803	08/21/12	08/23/12	EPA 8260B	
Toluene	2.3	1.0		"	"	"	"	"	"	
Ethylbenzene	460	100		"	100	"	"	"	"	
Xylenes (total)	10000	100		"	"	"	"	"	"	

Date Sampled: **08/17/12 10:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<i>Surrogate: 1,2-Dichloroethane-d4</i>		110 %		49.7-150		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		146 %		51-150		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		103 %		50.1-150		"	"	"	"	

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08/27/12 12:03

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch 2081803 - EPA 5030 Water MS

Blank (2081803-BLK1)

Prepared: 08/21/12 Analyzed: 08/22/12

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	14.0		"	13.2	106	49.7-150				
Surrogate: Toluene-d8	13.6		"	13.3	102	51-150				
Surrogate: 4-Bromofluorobenzene	13.6		"	13.3	102	50.1-150				

Blank (2081803-BLK2)

Prepared: 08/21/12 Analyzed: 08/22/12

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	14.0		"	13.2	106	49.7-150				
Surrogate: Toluene-d8	13.6		"	13.3	102	51-150				
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3	100	50.1-150				

LCS (2081803-BS1)

Prepared: 08/21/12 Analyzed: 08/22/12

Benzene	18.0	1.0	ug/l	16.7	108	50-150				
Toluene	18.3	1.0	"	16.7	110	50-150				
Ethylbenzene	19.4	1.0	"	16.7	116	50-150				
m,p-Xylene	35.6	2.0	"	33.3	107	50-150				
o-Xylene	17.5	1.0	"	16.7	105	50-150				
Surrogate: 1,2-Dichloroethane-d4	14.2		"	13.2	108	50-150				
Surrogate: Toluene-d8	13.9		"	13.3	104	50-150				
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3	99.6	50-150				

LCS (2081803-BS2)

Prepared: 08/21/12 Analyzed: 08/22/12

Benzene	17.3	1.0	ug/l	16.7	104	50-150				
Toluene	17.0	1.0	"	16.7	102	50-150				
Ethylbenzene	18.0	1.0	"	16.7	108	50-150				
m,p-Xylene	32.6	2.0	"	33.3	98.0	50-150				
o-Xylene	15.8	1.0	"	16.7	94.8	50-150				
Surrogate: 1,2-Dichloroethane-d4	14.1		"	13.2	106	50-150				
Surrogate: Toluene-d8	13.7		"	13.3	103	50-150				
Surrogate: 4-Bromofluorobenzene	13.8		"	13.3	103	50-150				

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Volatile Organic Compounds by EPA Method 8260B - Quality Control
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Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 2081803 - EPA 5030 Water MS

LCS Dup (2081803-BSD1)

Prepared: 08/21/12 Analyzed: 08/22/12

Benzene	16.8	1.0	ug/l	16.7	101	50-150	6.72	20	
Toluene	16.9	1.0	"	16.7	101	50-150	8.11	20	
Ethylbenzene	17.5	1.0	"	16.7	105	50-150	10.5	20	
m,p-Xylene	31.9	2.0	"	33.3	95.6	50-150	10.9	20	
o-Xylene	15.2	1.0	"	16.7	91.0	50-150	14.5	20	
Surrogate: 1,2-Dichloroethane-d4	13.8		"	13.2	104	50-150			
Surrogate: Toluene-d8	13.8		"	13.3	103	50-150			
Surrogate: 4-Bromofluorobenzene	12.8		"	13.3	95.6	50-150			

LCS Dup (2081803-BSD2)

Prepared: 08/21/12 Analyzed: 08/22/12

Benzene	17.3	1.0	ug/l	16.7	104	50-150	0.0579	20	
Toluene	16.9	1.0	"	16.7	102	50-150	0.295	20	
Ethylbenzene	17.7	1.0	"	16.7	106	50-150	2.02	20	
m,p-Xylene	32.8	2.0	"	33.3	98.3	50-150	0.397	20	
o-Xylene	16.0	1.0	"	16.7	96.1	50-150	1.32	20	
Surrogate: 1,2-Dichloroethane-d4	14.3		"	13.2	108	50-150			
Surrogate: Toluene-d8	13.8		"	13.3	103	50-150			
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3	100	50-150			

Matrix Spike (2081803-MS1)

Source: R208124-04

Prepared: 08/21/12 Analyzed: 08/22/12

Benzene	11.8	1.0	ug/l	16.7	ND	70.7	50-150		
Toluene	11.2	1.0	"	16.7	ND	67.1	50-150		
Ethylbenzene	10.5	1.0	"	16.7	ND	63.2	50-150		
m,p-Xylene	19.1	2.0	"	33.3	ND	57.2	50-150		
o-Xylene	9.61	1.0	"	16.7	ND	57.7	50-150		
Surrogate: 1,2-Dichloroethane-d4	14.7		"	13.2	111	50-150			
Surrogate: Toluene-d8	13.7		"	13.3	103	50-150			
Surrogate: 4-Bromofluorobenzene	12.7		"	13.3	95.6	50-150			

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Volatile Organic Compounds by EPA Method 8260B - Quality Control
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Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 2081803 - EPA 5030 Water MS

Matrix Spike (2081803-MS2)		Source: R208124-05			Prepared: 08/21/12		Analyzed: 08/22/12			
Benzene	218	1.0	ug/l	16.7	169	292	50-150			QM-07
Toluene	12.9	1.0	"	16.7	ND	77.3	50-150			
Ethylbenzene	13.1	1.0	"	16.7	ND	78.8	50-150			
m,p-Xylene	24.2	2.0	"	33.3	ND	72.8	50-150			
o-Xylene	12.1	1.0	"	16.7	ND	72.4	50-150			
Surrogate: 1,2-Dichloroethane-d4	14.2		"	13.2		107	50-150			
Surrogate: Toluene-d8	13.7		"	13.3		103	50-150			
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3		97.4	50-150			

Matrix Spike Dup (2081803-MSD1)		Source: R208124-04			Prepared: 08/21/12		Analyzed: 08/22/12			
Benzene	13.2	1.0	ug/l	16.7	ND	79.0	50-150	11.1	25	
Toluene	12.7	1.0	"	16.7	ND	76.0	50-150	12.5	25	
Ethylbenzene	12.6	1.0	"	16.7	ND	75.8	50-150	18.2	25	
m,p-Xylene	22.9	2.0	"	33.3	ND	68.6	50-150	18.2	25	
o-Xylene	11.3	1.0	"	16.7	ND	68.0	50-150	16.5	25	
Surrogate: 1,2-Dichloroethane-d4	14.5		"	13.2		110	50-150			
Surrogate: Toluene-d8	13.8		"	13.3		103	50-150			
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3		99.3	50-150			

Matrix Spike Dup (2081803-MSD2)		Source: R208124-05			Prepared: 08/21/12		Analyzed: 08/22/12				QM-07
Benzene	189	1.0	ug/l	16.7	169	121	50-150	14.0	25		
Toluene	16.3	1.0	"	16.7	ND	97.6	50-150	23.1	25		
Ethylbenzene	17.3	1.0	"	16.7	ND	104	50-150	27.2	25		
m,p-Xylene	31.9	2.0	"	33.3	ND	95.8	50-150	27.3	25		
o-Xylene	15.8	1.0	"	16.7	ND	94.7	50-150	26.7	25		
Surrogate: 1,2-Dichloroethane-d4	13.4		"	13.2		101	50-150				
Surrogate: Toluene-d8	13.7		"	13.3		102	50-150				
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3		99.1	50-150				

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference