

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

February 15, 2010

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 02/12/10 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to be 'PS', with a long horizontal flourish extending to the right.

Paul Shrewsbury For Ben Shrewsbury
President / Laboratory Director



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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/15/10 07:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Source 1	R002056-01	Water	02/12/10 13:25	02/12/10 15:30
SW01	R002056-02	Water	02/12/10 13:30	02/12/10 15:30
SW02	R002056-03	Water	02/12/10 13:35	02/12/10 15:30
SW03	R002056-04	Water	02/12/10 13:40	02/12/10 15:30

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Page 1 of 1

Client: LT ENVIRONMENTAL
Address: 4600 W 60th AVE
City/State/Zip: ARVADA, CO 80003
Phone: 303-433-9188 Fax:
Sampler Name: BRETT FALKNER

Project Manager: BRIAN DODEK
E-Mail: bdodek@ltenv.com
Project Name: PDC HELDT 12-18
Project Number: PDC 10005

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Special Instructions	
				HCl	HNO ₃	Zone	Other (Specify)	Soil	Air - Canister Serial #	Other (Specify)	Other (Specify)		
SW01	2-12-10	1315	3	X									NEED RESULTS BY MONDAY AM 2-15-10
SW02		1330	3	X									
SW03		1335	3	X									
		1340	3	X									
Relinquished by:				Date/Time:	Received by:				Date/Time:	Turn Around Time (Check)			
Brett Falkner				2-12-10 3:30pm						<input checked="" type="checkbox"/> Same Day <input type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 72 Hours <input type="checkbox"/> Standard			
Relinquished by:				Date/Time:	Received by:				Date/Time:	Sample Integrity:			
										Temperature Upon Receipt: <u>42</u> In tact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			

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Source 1
R002056-01 (Water)

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Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/12/10 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	16	1.0	ug/l	1	0021204	02/12/10	02/13/10	EPA 8260B	
Toluene	77	1.0	"	"	"	"	"	"	
Ethylbenzene	12	1.0	"	"	"	"	"	"	
Xylenes (total)	140	1.0	"	"	"	"	"	"	

Date Sampled: **02/12/10 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	71.2-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99.4 %	87.7-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		100 %	83.5-115		"	"	"	"	

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Reported:
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SW01
R002056-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/12/10 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0021204	02/12/10	02/13/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **02/12/10 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	71.2-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98.9 %	87.7-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %	83.5-115		"	"	"	"	

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Reported:
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SW02
R002056-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/12/10 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0021204	02/12/10	02/13/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **02/12/10 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	71.2-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98.0 %	87.7-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		101 %	83.5-115		"	"	"	"	

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SW03
R002056-04 (Water)

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Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/12/10 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0021204	02/12/10	02/13/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **02/12/10 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	71.2-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %	87.7-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.0 %	83.5-115		"	"	"	"	

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Volatile Organic Compounds by EPA Method 8260B - Quality Control

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

Batch 0021204 - EPA 5030 Water MS

Blank (0021204-BLK1)

Prepared & Analyzed: 02/12/10

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	1.0	"								
Surrogate: 1,2-Dichloroethane-d4	13.7		"	13.3	103	71.2-129					
Surrogate: Toluene-d8	13.1		"	13.3	98.6	87.7-110					
Surrogate: 4-Bromofluorobenzene	12.8		"	13.3	96.4	83.5-115					

LCS (0021204-BS1)

Prepared & Analyzed: 02/12/10

Benzene	35.6	1.0	ug/l	33.3	107	70-114		8.14			
Toluene	38.1	1.0	"	33.3	114	72.7-116		7.88			
Surrogate: 1,2-Dichloroethane-d4	15.5		"	13.3	117	71.2-129					
Surrogate: Toluene-d8	14.5		"	13.3	109	87.7-110					
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3	97.4	83.5-115					

LCS Dup (0021204-BSD1)

Prepared & Analyzed: 02/12/10

Benzene	37.1	1.0	ug/l	33.3	111	70-114	4.10	8.14			
Toluene	36.2	1.0	"	33.3	109	72.7-116	5.09	7.88			
Surrogate: 1,2-Dichloroethane-d4	14.1		"	13.3	106	71.2-129					
Surrogate: Toluene-d8	13.4		"	13.3	100	87.7-110					
Surrogate: 4-Bromofluorobenzene	13.1		"	13.3	98.0	83.5-115					

Matrix Spike (0021204-MS1)

Source: R002041-01

Prepared & Analyzed: 02/12/10

Benzene	33.6	1.0	ug/l	33.3	ND	101	66.8-121		17.8		
Toluene	32.7	1.0	"	33.3	ND	98.2	71.5-121		14.4		
Surrogate: 1,2-Dichloroethane-d4	14.1		"	13.3		106	71.2-129				
Surrogate: Toluene-d8	13.4		"	13.3		101	87.7-110				
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3		97.8	83.5-115				

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

Batch 0021204 - EPA 5030 Water MS

Matrix Spike Dup (0021204-MSD1)	Source: R002041-01			Prepared & Analyzed: 02/12/10						
Benzene	34.9	1.0	ug/l	33.3	ND	105	66.8-121	3.97	17.8	
Toluene	34.8	1.0	"	33.3	ND	104	71.5-121	6.16	14.4	
Surrogate: 1,2-Dichloroethane-d4	14.1		"	13.3		105	71.2-129			
Surrogate: Toluene-d8	13.4		"	13.3		101	87.7-110			
Surrogate: 4-Bromofluorobenzene	13.5		"	13.3		101	83.5-115			

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Notes and Definitions

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

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