

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

Doc 1943746
Project 4472

January 05, 2009

John Peterson

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: PDC - Pfenning # 43 & 44-31

Enclosed are the results of analyses for samples received by Summit Scientific on 12/24/08 16:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Paul Shrewsbury For Ben Shrewsbury
Vice President / Laboratory Director



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

Project: PDC - Pfenning # 43 & 44-31

Project Number: PDC 08159
Project Manager: John Peterson

Reported:
01/05/09 14:49

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R812152-01	Water	12/23/08 12:00	12/24/08 16:00
MW02	R812152-02	Water	12/23/08 12:10	12/24/08 16:00
MW03	R812152-03	Water	12/23/08 12:20	12/24/08 16:00

Summit Scientific

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Reported:
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MW01
R812152-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 12/23/08 12:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	8122908	12/29/08	12/30/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 12/23/08 12:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		119 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		99.2 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	85.3-109		"	"	"	"	

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MW02
R812152-02 (Water)

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Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/23/08 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	60	1.0	ug/l	1	8122908	12/29/08	12/30/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **12/23/08 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		119 %	77.3-121		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %	91.4-107		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		105 %	85.3-109		"	"	"	"	

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MW03
R812152-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 12/23/08 12:20

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	8122908	12/29/08	12/30/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 12/23/08 12:20

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		117 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		99.2 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	85.3-109		"	"	"	"	

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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 8122908 - EPA 5030 Water MS

Blank (8122908-BLK1)

Prepared & Analyzed: 12/29/08

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	1.0	"								
Surrogate: 1,2-Dichloroethane-d4	15.3		"	13.3		115	77.3-121				
Surrogate: Toluene-d8	13.1		"	13.3		98.5	91.4-107				
Surrogate: 4-Bromofluorobenzene	14.4		"	13.3		108	85.3-109				

LCS (8122908-BS1)

Prepared & Analyzed: 12/29/08

Benzene	28.3	1.0	ug/l	33.3		85.0	70-114				
Toluene	26.3	1.0	"	33.3		79.0	72.7-116				
Surrogate: 1,2-Dichloroethane-d4	15.6		"	13.3		117	77.3-121				
Surrogate: Toluene-d8	13.6		"	13.3		102	91.4-107				
Surrogate: 4-Bromofluorobenzene	14.5		"	13.3		109	85.3-109				

LCS Dup (8122908-BSD1)

Prepared & Analyzed: 12/29/08

Benzene	29.6	1.0	ug/l	33.3		88.9	70-114	4.49	8.14		
Toluene	27.8	1.0	"	33.3		83.5	72.7-116	5.55	7.88		
Surrogate: 1,2-Dichloroethane-d4	15.8		"	13.3		119	77.3-121				
Surrogate: Toluene-d8	13.8		"	13.3		104	91.4-107				
Surrogate: 4-Bromofluorobenzene	14.5		"	13.3		109	85.3-109				

Matrix Spike (8122908-MS1)

Source: R812151-02

Prepared & Analyzed: 12/29/08

Benzene	29.0	1.0	ug/l	33.3	ND	87.1	66.8-117				
Toluene	26.7	1.0	"	33.3	ND	80.2	71.5-117				
Surrogate: 1,2-Dichloroethane-d4	14.3		"	13.3		108	77.3-121				
Surrogate: Toluene-d8	13.6		"	13.3		102	91.4-107				
Surrogate: 4-Bromofluorobenzene	14.0		"	13.3		105	85.3-109				

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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 8122908 - EPA 5030 Water MS

Matrix Spike Dup (8122908-MSD1)	Source: R812151-02			Prepared & Analyzed: 12/29/08						
Benzene	30.0	1.0	ug/l	33.3	ND	90.1	66.8-117	3.39	17.8	
Toluene	27.6	1.0	"	33.3	ND	82.9	71.5-117	3.31	14.4	
Surrogate: 1,2-Dichloroethane-d4	14.3		"	13.3		108	77.3-121			
Surrogate: Toluene-d8	13.9		"	13.3		105	91.4-107			
Surrogate: 4-Bromofluorobenzene	14.2		"	13.3		107	85.3-109			

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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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