

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

Doc 1943748
Project 4472

May 04, 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 04/24/09 14:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Logan 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:
05/04/09 21:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW04	R904130-01	Water	04/23/09 13:10	04/24/09 14:50

Summit Scientific **R904130**

S2

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Page 1 of 1

Client: LT Environmental, Inc. Project Manager: J. Peterson
Address: 4600 West 60th Avenue
City/State/Zip: Arvada, CO 80003
Phone: (303) 433-9788 Fax: (303) 433-1432 Project Name: Pfenning 43, 44-31
Sample Name: MW Project Number: PDC08159

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix	Analyze For:	Special Instructions
				HCl	HNO ₃	None	Other (Specify)			
MW04	4-24-09	1310	2	X				Groundwater		
								Soil		
								Air - Canister Serial #		
								Other (Specify)		
								Total Carbon Chain		
								BTEX		

Relinquished by:	Date/Time:	Received by:	Date/Time:	Turn Around Time (Check)	Notes:
<u>SPH</u>	<u>4/24/09 1450</u>	<u>SPH</u>	<u>4/24/09 1450</u>	<input type="checkbox"/> Same Day <input type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input checked="" type="checkbox"/> 72 Hours Standard	
Relinquished by:	Date/Time:	Received by:	Date/Time:	Sample Integrity:	
				Temperature Upon Receipt: <u>48</u>	
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:	Intact: Yes No	

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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.



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MW04
R904130-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/23/09 13:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	9050104	05/01/09	05/02/09	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **04/23/09 13:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		116 %		77.3-121		"	"	"	"	
Surrogate: Toluene-d8		96.2 %		91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %		85.3-109		"	"	"	"	

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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 9050104 - EPA 5030 Water MS

Blank (9050104-BLK1)

Prepared: 05/01/09 Analyzed: 05/02/09

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	14.6		"	13.3	110	77.3-121				
Surrogate: Toluene-d8	12.6		"	13.3	94.7	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.5		"	13.3	102	85.3-109				

LCS (9050104-BS1)

Prepared: 05/01/09 Analyzed: 05/02/09

Benzene	26.8	1.0	ug/l	33.3	80.5	70-114				
Toluene	29.0	1.0	"	33.3	87.1	72.7-116				
Surrogate: 1,2-Dichloroethane-d4	15.2		"	13.3	114	77.3-121				
Surrogate: Toluene-d8	12.8		"	13.3	96.2	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3	97.7	85.3-109				

LCS Dup (9050104-BSD1)

Prepared: 05/01/09 Analyzed: 05/02/09

Benzene	26.7	1.0	ug/l	33.3	80.2	70-114	0.374	8.14		
Toluene	29.3	1.0	"	33.3	88.0	72.7-116	1.03	7.88		
Surrogate: 1,2-Dichloroethane-d4	15.0		"	13.3	113	77.3-121				
Surrogate: Toluene-d8	12.6		"	13.3	94.7	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.6		"	13.3	102	85.3-109				

Matrix Spike (9050104-MS1)

Source: R904125-01

Prepared: 05/01/09 Analyzed: 05/02/09

Benzene	26.1	1.0	ug/l	33.3	ND	78.4	66.8-117			
Toluene	28.7	1.0	"	33.3	ND	86.2	71.5-117			
Surrogate: 1,2-Dichloroethane-d4	15.7		"	13.3		118	77.3-121			
Surrogate: Toluene-d8	12.7		"	13.3		95.5	91.4-107			
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3		99.2	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	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 9050104 - EPA 5030 Water MS

Matrix Spike Dup (9050104-MSD1)		Source: R904125-01			Prepared: 05/01/09		Analyzed: 05/02/09			
Benzene	26.4	1.0	ug/l	33.3	ND	79.3	66.8-117	1.14	17.8	
Toluene	29.0	1.0	"	33.3	ND	87.1	71.5-117	1.04	14.4	
Surrogate: 1,2-Dichloroethane-d4	15.6		"	13.3		117	77.3-121			
Surrogate: Toluene-d8	12.8		"	13.3		96.2	91.4-107			
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3		101	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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A handwritten signature in black ink, appearing to be 'JM' followed by a long horizontal stroke.

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