

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

Doc #1943742
Project #4472

September 08, 2008

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 09/05/08 08:25. 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:
09/08/08 09:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S01@2'	R809024-01	Soil	09/04/08 13:25	09/05/08 08:25
W01@2'	R809024-02	Soil	09/04/08 13:28	09/05/08 08:25
N01@2'	R809024-03	Soil	09/04/08 13:33	09/05/08 08:25

Summit Scientific

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Arvada CO, 80003

Project: PDC - Pfenning # 43 & 44-31

Project Number: PDC 08159
Project Manager: John Peterson

Reported:
09/08/08 09:22

Summit Scientific **2809024**

741 Corporate Circle Suite 1 ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-277-9351 Fax

Client: LT Environmental, Inc.

Address: 4600 West 60th Avenue

City/State/Zip: Arvada, CO 80003

Phone: (303) 433-9788

Sampler Name: In Horizon

Project Manager: John Peterson

E-Mail: jpeterson@ltenv.com

Project Name: PFENNING # 43 & 44-31

Project Number: PDC 08159

Page 1 of 1

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:	Special Instructions	Notes													
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)				Total Carbon Chain	BTEX											
S0102	9-4-08	1320	1		X			X																			
20102	9-4-08	1328	1		X			X																			
20101	9-4-08	1333	1		X			X																			
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www.s2scientific.com

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Project: PDC - Pfenning # 43 & 44-31

Project Number: PDC 08159
 Project Manager: John Peterson

Reported:
 09/08/08 09:22

S01@2'
R809024-01 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/08 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	440	50	mg/kg	1	8090504	09/05/08	09/05/08	8015 Full Carbon Chain	
C10-C28 (DRO)	490	50	"	"	"	"	"	"	
C28-C36 (ORO)	64	50	"	"	"	"	"	"	
C6-C36 TPH	990	50	"	"	"	"	"	"	

Date Sampled: **09/04/08 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		157 %	77.7-123		"	"	"	"	S-04
<i>Surrogate: Trifluorotoluene</i>		95.8 %	73.9-116		"	"	"	"	

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Reported:
 09/08/08 09:22

W01@2'
R809024-02 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/08 13:28**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	240	50	mg/kg	1	8090504	09/05/08	09/05/08	8015 Full Carbon Chain	
C10-C28 (DRO)	120	50	"	"	"	"	"	"	
C28-C36 (ORO)	50	50	"	"	"	"	"	"	
C6-C36 TPH	420	50	"	"	"	"	"	"	

Date Sampled: **09/04/08 13:28**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		118 %	77.7-123		"	"	"	"	
<i>Surrogate: Trifluorotoluene</i>		96.8 %	73.9-116		"	"	"	"	

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N01@2'
R809024-03 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **09/04/08 13:33**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	210	50	mg/kg	1	8090504	09/05/08	09/05/08	8015 Full Carbon Chain	
C10-C28 (DRO)	55	50	"	"	"	"	"	"	
C28-C36 (ORO)	66	50	"	"	"	"	"	"	
C6-C36 TPH	340	50	"	"	"	"	"	"	

Date Sampled: **09/04/08 13:33**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		105 %	77.7-123		"	"	"	"	
<i>Surrogate: Trifluorotoluene</i>		94.9 %	73.9-116		"	"	"	"	

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Total Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 8090504 - EPA 3550A

Blank (8090504-BLK1)				Prepared & Analyzed: 09/05/08							
C6-C10 (GRO)	ND	50	mg/kg								
C10-C28 (DRO)	ND	50	"								
C28-C36 (ORO)	ND	50	"								
C6-C36 TPH	ND	50	"								
LCS (8090504-BS1)				Prepared & Analyzed: 09/05/08							
C10-C28 (DRO)	388	50	mg/kg	500	77.6	83.3-127					
LCS Dup (8090504-BSD1)				Prepared & Analyzed: 09/05/08							
C10-C28 (DRO)	462	50	mg/kg	500	92.4	83.3-127	17.4	15			
Matrix Spike (8090504-MS1)				Source: R809023-01		Prepared & Analyzed: 09/05/08					
C10-C28 (DRO)	442	50	mg/kg	500	ND	88.4	75.8-126				
Matrix Spike Dup (8090504-MSD1)				Source: R809023-01		Prepared & Analyzed: 09/05/08					
C10-C28 (DRO)	439	50	mg/kg	500	ND	87.8	75.8-126	0.681	13.6		

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Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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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