

Summit Scientific

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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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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
Surrogate: o-Terphenyl		157 %	77.7-123		"	"	"	"	S-04
Surrogate: Trifluorotoluene		95.8 %	73.9-116		"	"	"	"	

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Project: PDC - Pfenning # 43 & 44-31

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Project Manager: John Peterson

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
Surrogate: <i>o</i> -Terphenyl		118 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		96.8 %	73.9-116		"	"	"	"	

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Reported:
09/08/08 09:22

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
Surrogate: <i>o</i> -Terphenyl		105 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		94.9 %	73.9-116		"	"	"	"	

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Reported:
09/08/08 09:22

Total Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	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
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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
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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
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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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A handwritten signature in black ink, appearing to be 'JM' followed by a long horizontal stroke.