Summit Scientific

March 25, 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 03/19/09 16:56. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Logan Shrewsbury For Ben Shrewsbury
Vice President / Laboratory Director

S₂

LT Environmental, Inc.	Project: PDC - Pfenning # 43 & 44-31	
4600 West 60th Avenue	Project Number: PDC 08159	**Reported:**
Arvada CO, 80003	Project Manager: John Peterson	03/25/09 15:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R903092-01	Water	03/19/09 10:30	03/19/09 16:56
MW02	R903092-02	Water	03/19/09 10:40	03/19/09 16:56
MW03	R903092-03	Water	03/19/09 10:50	03/19/09 16:56

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4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - Pfenning # 43 & 44-31
Project Number: PDC 08159
Project Manager: John Peterson

Reported:
03/25/09 15:51

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R903 092

S_2

741 Corporate Circle Suite I ◆ Golden, Colorado 80401
303-277-9310 ◆ 303-277-9531 Fax

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Client: LT Environmental, Inc.
Address: 4600 West 60th Avenue
City/State/Zip: Arvada, CO 80003
Phone: (303) 433-9788   Fax: (303) 433-1432
Sampler Name: Philly Hawk

Project Manager: John Peterson
E-Mail: jpeterson@ltenv.com
Project Name: Pfenning 43 &44-31
Project Number: PDC 08159

Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl	HNO₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	Total Carbon Chain	BTEX	Special Instructions
MW1	3/19/09	1010	2	X				X				X	X	
MW2		1040	2	X				X				X	X	
MW3		1015	2	X				X				X	X	

Preservative | Matrix | Analyze For:

Turn Around Time (Check)
Same Day | 72 Hours
24 Hours | Standard ☒
48 Hours

Sample Integrity:
Temperature Upon Receipt: 4°C
Intact: (Yes) No

Relinquished by: [signature]	Date/Time: 3/19/09 1050	Received by: [signature]	Date/Time: 3/19/09 1050
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:

Notes:

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[signature]

LT Environmental, Inc.
4600 West 60th Avenue

Arvada CO, 80003

Project: PDC - Pfenning # 43 & 44-31

Project Number: PDC 08159
Project Manager: John Peterson

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03/25/09 15:51

MW01
R903092-01 (Water)

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Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/19/09 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9032003	03/20/09	03/24/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **03/19/09 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		113 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		100 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.2 %	85.3-109		"	"	"	"	

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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:** 03/25/09 15:51

MW02
R903092-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/19/09 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**110**	1.0	ug/l	1	9032003	03/20/09	03/24/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **03/19/09 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*77.3-121*		"	"	"	"	
Surrogate: Toluene-d8		*97.7 %*	*91.4-107*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.2 %*	*85.3-109*		"	"	"	"	

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Arvada CO, 80003	Project Manager: John Peterson	03/25/09 15:51

MW03
R903092-03 (Water)

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Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/19/09 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9032003	03/20/09	03/24/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **03/19/09 10:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*77.3-121*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*91.4-107*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.5 %*	*85.3-109*		"	"	"	"	

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Reported:

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

Batch 9032003 - EPA 5030 Water MS

Blank (9032003-BLK1) — Prepared: 03/20/09 Analyzed: 03/23/09

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	*13.1*		*"*	*13.3*		*98.5*	*77.3-121*			
Surrogate: Toluene-d8	*13.2*		*"*	*13.3*		*99.2*	*91.4-107*			
Surrogate: 4-Bromofluorobenzene	*12.8*		*"*	*13.3*		*96.2*	*85.3-109*			

LCS (9032003-BS1) — Prepared: 03/20/09 Analyzed: 03/23/09

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Benzene	27.2	1.0	ug/l	33.3		81.7	70-114			
Toluene	28.0	1.0	"	33.3		84.1	72.7-116			
Surrogate: 1,2-Dichloroethane-d4	*13.0*		*"*	*13.3*		*97.7*	*77.3-121*			
Surrogate: Toluene-d8	*13.4*		*"*	*13.3*		*101*	*91.4-107*			
Surrogate: 4-Bromofluorobenzene	*12.7*		*"*	*13.3*		*95.5*	*85.3-109*			

LCS Dup (9032003-BSD1) — Prepared: 03/20/09 Analyzed: 03/23/09

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Benzene	26.4	1.0	ug/l	33.3		79.3	70-114	2.99	8.14	
Toluene	27.6	1.0	"	33.3		82.9	72.7-116	1.44	7.88	
Surrogate: 1,2-Dichloroethane-d4	*12.9*		*"*	*13.3*		*97.0*	*77.3-121*			
Surrogate: Toluene-d8	*13.3*		*"*	*13.3*		*100*	*91.4-107*			
Surrogate: 4-Bromofluorobenzene	*12.7*		*"*	*13.3*		*95.5*	*85.3-109*			

Matrix Spike (9032003-MS1) — Source: R903088-02 — Prepared: 03/20/09 Analyzed: 03/23/09

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Benzene	27.7	1.0	ug/l	33.3	0.69	81.1	66.8-117			
Toluene	28.5	1.0	"	33.3	0.21	85.0	71.5-117			
Surrogate: 1,2-Dichloroethane-d4	*13.2*		*"*	*13.3*		*99.2*	*77.3-121*			
Surrogate: Toluene-d8	*13.2*		*"*	*13.3*		*99.2*	*91.4-107*			
Surrogate: 4-Bromofluorobenzene	*12.8*		*"*	*13.3*		*96.2*	*85.3-109*			

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Project Manager: John Peterson | | **Reported:**

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Volatile Organic Compounds by EPA Method 8260B - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9032003 - EPA 5030 Water MS										
Matrix Spike Dup (9032003-MSD1)		**Source: R903088-02**		Prepared: 03/20/09	Analyzed: 03/23/09					
Benzene	27.6	1.0	ug/l	33.3	0.69	80.8	66.8-117	0.362	17.8	
Toluene	28.5	1.0	"	33.3	0.21	85.0	71.5-117	0.00	14.4	
Surrogate: 1,2-Dichloroethane-d4	*15.2*		*"*	*13.3*		*114*	*77.3-121*			
Surrogate: Toluene-d8	*13.2*		*"*	*13.3*		*99.2*	*91.4-107*			
Surrogate: 4-Bromofluorobenzene	*13.2*		*"*	*13.3*		*99.2*	*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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