

# Summit Scientific

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741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

May 06, 2008

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Mellon 28-1

Enclosed are the results of analyses for samples received by Summit Scientific on 05/05/08 13:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'BS' or 'Shrewsbury', written in a cursive style.

Ben Shrewsbury  
Vice President / Laboratory Director



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

Project: PDC - Mellon 28-1

Project Number: PDC-08110  
Project Manager: John Peterson

**Reported:**  
05/06/08 13:02

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
E01@9'	R805013-01	Soil	05/05/08 11:45	05/05/08 13:05
GW01	R805013-02	Water	05/05/08 11:50	05/05/08 13:05

Summit Scientific

*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.*

A handwritten signature in black ink, appearing to be 'JMP'.

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

Project: PDC - Mellon 28-1

Project Number: PDC-08110  
Project Manager: John Peterson

**Reported:**  
05/06/08 13:02

## Summit Scientific

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

Client: LTE

Project Manager:

City/State/Zip:

E-Mail:

phone:

Project Name: PDC-Mc/oy 28-1

Phone:

**Sampler Name:**

Project Number: 92-0810

**Sampler**

Sample Description		Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix		Analyze For:	Special Instructions
HCl	HNO <sub>3</sub>	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)					
50/091	5-5-08	1145	1									
6081	5-5-08	1150	3									
<div style="display: flex; justify-content: space-between;"> <div> <p>Relinquished by: <i>Ant. J. Brown</i></p> <p>Relinquished by: _____</p> </div> <div> <p>Date/Time: 5-5-08 1305</p> <p>Date/Time: _____</p> </div> <div> <p>Received by: <i>118 5-5-08</i></p> <p>Received by: _____</p> </div> <div> <p>Date/Time: 5-5-08 1305</p> <p>Date/Time: _____</p> </div> </div>												
<div style="display: flex; justify-content: space-between;"> <div> <p>Turn Around Time (Check)</p> <p>Same Day <input checked="" type="checkbox"/> 72 Hours <input type="checkbox"/></p> <p>24 Hours <input type="checkbox"/> Standard <input type="checkbox"/></p> <p>48 Hours <input type="checkbox"/></p> </div> <div> <p>Notes:</p> </div> </div>												
<p>Sample Integrity: Temperature Upon Receipt: <u>4.6</u></p> <p>Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>												

www.s2scientific.com

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

Project: PDC - Mellon 28-1

Project Number: PDC-08110  
Project Manager: John Peterson

**Reported:**  
05/06/08 13:02

**E01@9'**  
**R805013-01 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/05/08 11:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C6-C10 (TEPH-GRO)	ND	50		mg/kg	1	8050501	05/05/08	05/05/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50		"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **05/05/08 11:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl		102 %		70-130		"	"	"	"	
Surrogate: Trifluorotoluene		97.1 %		70-130		"	"	"	"	

Date Sampled: **05/05/08 11:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C6-C36 Total TEPH	0.0			"	"	[CALC]	"	"	EPA 8015	

Summit Scientific

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

Project: PDC - Mellon 28-1

Project Number: PDC-08110  
Project Manager: John Peterson

Reported:  
05/06/08 13:02

**GW01**  
**R805013-02 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **05/05/08 11:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>Benzene</b>	<b>510</b>	10		ug/l	10	8050502	05/05/08	05/05/08	EPA 8260B	
<b>Toluene</b>	<b>170</b>	1.0		"	1	"	"	05/05/08	"	
<b>Ethylbenzene</b>	<b>21</b>	1.0		"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>390</b>	1.0		"	"	"	"	"	"	

Date Sampled: **05/05/08 11:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %		90.2-124		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98.5 %		92.1-106		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.7 %		84.5-110		"	"	"	"	

Summit Scientific

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

Project: PDC - Mellon 28-1

Project Number: PDC-08110  
Project Manager: John Peterson

Reported:  
05/06/08 13:02

**Extractable Petroleum Hydrocarbons by 8015 - Quality Control**  
**Summit Scientific**

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

**Batch 8050501 - EPA 3550A**

**Blank (8050501-BLK1)**

Prepared & Analyzed: 05/05/08

C6-C10 (TEPH-GRO)	ND	50	mg/kg
C10-C28 (TEPH-DRO)	ND	50	"
C28-C36 (TEPH-ORO)	ND	50	"

Surrogate: o-Terphenyl	45.8	"	50.0	91.6	70-130
Surrogate: Trifluorotoluene	91.2	"	100	91.2	70-130

**LCS (8050501-BS1)**

Prepared & Analyzed: 05/05/08

C10-C28 (TEPH-DRO)	491	50	mg/kg	500	98.2	65.3-142
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**LCS Dup (8050501-BSD1)**

Prepared & Analyzed: 05/05/08

C10-C28 (TEPH-DRO)	520	50	mg/kg	500	104	65.3-142	5.74	19.7
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**Matrix Spike (8050501-MS1)**

Source: R804215-01

Prepared & Analyzed: 05/05/08

C10-C28 (TEPH-DRO)	1400	50	mg/kg	500	280	55.2-139
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**Matrix Spike Dup (8050501-MSD1)**

Source: R804215-01

Prepared & Analyzed: 05/05/08

C10-C28 (TEPH-DRO)	896	50	mg/kg	500	179	55.2-139	43.9	16.7
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Arvada CO, 80003

Project: PDC - Mellon 28-1  
Project Number: PDC-08110  
Project Manager: John Peterson

Reported:  
05/06/08 13:02

**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 8050502 - EPA 5030 Water MS**

**Blank (8050502-BLK1)**

Prepared & Analyzed: 05/05/08

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	13.8		"	13.3		104	90.2-124			
Surrogate: Toluene-d8	12.8		"	13.3		96.2	92.1-106			
Surrogate: 4-Bromofluorobenzene	12.3		"	13.3		92.5	84.5-110			

**LCS (8050502-BS1)**

Prepared & Analyzed: 05/05/08

Benzene	31.9	1.0	ug/l	33.3		95.8	61.4-110			
Toluene	30.5	1.0	"	33.3		91.6	54.2-116			
Surrogate: 1,2-Dichloroethane-d4	14.0		"	13.3		105	90.2-124			
Surrogate: Toluene-d8	12.9		"	13.3		97.0	92.1-106			
Surrogate: 4-Bromofluorobenzene	12.3		"	13.3		92.5	84.5-110			

**LCS Dup (8050502-BSD1)**

Prepared & Analyzed: 05/05/08

Benzene	32.2	1.0	ug/l	33.3		96.7	61.4-110	0.936	11.8	
Toluene	30.9	1.0	"	33.3		92.8	54.2-116	1.30	12.2	
Surrogate: 1,2-Dichloroethane-d4	13.9		"	13.3		105	90.2-124			
Surrogate: Toluene-d8	13.0		"	13.3		97.7	92.1-106			
Surrogate: 4-Bromofluorobenzene	12.4		"	13.3		93.2	84.5-110			

**Matrix Spike (8050502-MS1)**

Source: R805011-01

Prepared & Analyzed: 05/05/08

Benzene	31.2	1.0	ug/l	33.3	ND	93.7	61.5-109			
Toluene	40.5	1.0	"	33.3	8.5	96.1	55.6-113			
Surrogate: 1,2-Dichloroethane-d4	14.2		"	13.3		107	90.2-124			
Surrogate: Toluene-d8	13.1		"	13.3		98.5	92.1-106			
Surrogate: 4-Bromofluorobenzene	12.7		"	13.3		95.5	84.5-110			

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

Project: PDC - Mellon 28-1

Project Number: PDC-08110  
Project Manager: John Peterson

**Reported:**  
05/06/08 13:02

**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 8050502 - EPA 5030 Water MS**

Matrix Spike Dup (8050502-MSD1)		Source: R805011-01			Prepared & Analyzed: 05/05/08					
Benzene	29.2	1.0	ug/l	33.3	ND	87.7	61.5-109	6.62	21.7	
Toluene	35.7	1.0	"	33.3	8.5	81.7	55.6-113	12.6	9.18	
Surrogate: 1,2-Dichloroethane-d4	15.1		"	13.3		114	90.2-124			
Surrogate: Toluene-d8	13.0		"	13.3		97.7	92.1-106			
Surrogate: 4-Bromofluorobenzene	12.7		"	13.3		95.5	84.5-110			

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4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Mellon 28-1

Project Number: PDC-08110  
Project Manager: John Peterson

**Reported:**  
05/06/08 13:02

### 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

A handwritten signature in black ink, appearing to be 'JMP'.

# Summit Scientific

---

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May 07, 2008

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Mellon 28-1

Enclosed are the results of analyses for samples received by Summit Scientific on 05/06/08 16:44. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'BS' or 'Shrewsbury', written in a cursive style.

Ben Shrewsbury  
Vice President / Laboratory Director



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

Project: PDC - Mellon 28-1

Project Number: PDC 08100.05  
Project Manager: John Peterson

**Reported:**  
05/07/08 08:56

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S01@8'	R805021-01	Soil	05/06/08 15:05	05/06/08 16:44
N01@8'	R805021-02	Soil	05/06/08 15:10	05/06/08 16:44
W01@5'	R805021-03	Soil	05/06/08 15:15	05/06/08 16:44

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

Project: PDC - Mellon 28-1

Project Number: PDC 08100.05  
Project Manager: John Peterson

**Reported:**  
05/07/08 08:56

**S01@8'**  
**R805021-01 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/06/08 15:05**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C6-C10 (TEPH-GRO)	ND	50		mg/kg	1	8050607	05/06/08	05/06/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50		"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **05/06/08 15:05**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl		93.8 %		70-130		"	"	"	"	
Surrogate: Trifluorotoluene		79.9 %		70-130		"	"	"	"	

Date Sampled: **05/06/08 15:05**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C6-C36 Total TEPH	0.0			"	"	[CALC]	"	"	EPA 8015	

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

Project: PDC - Mellon 28-1

Project Number: PDC 08100.05  
Project Manager: John Peterson

**Reported:**  
05/07/08 08:56

**N01@8'**  
**R805021-02 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/06/08 15:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	8050607	05/06/08	05/06/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **05/06/08 15:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		97.6 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		83.3 %	70-130		"	"	"	"	

Date Sampled: **05/06/08 15:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	0.0		"	"	[CALC]	"	"	EPA 8015	

Summit Scientific

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

Project: PDC - Mellon 28-1

Project Number: PDC 08100.05  
Project Manager: John Peterson

**Reported:**  
05/07/08 08:56

**W01@5'**  
**R805021-03 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/06/08 15:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	8050607	05/06/08	05/06/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **05/06/08 15:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		105 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		88.8 %	70-130		"	"	"	"	

Date Sampled: **05/06/08 15:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	0.0		"	"	[CALC]	"	"	EPA 8015	

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Project: PDC - Mellon 28-1

Project Number: PDC 08100.05  
Project Manager: John Peterson

Reported:  
05/07/08 08:56

**Extractable Petroleum Hydrocarbons by 8015 - Quality Control**  
**Summit Scientific**

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

**Batch 8050607 - EPA 3550A**

**Blank (8050607-BLK1)**

Prepared: 05/06/08 Analyzed: 05/07/08

C6-C10 (TEPH-GRO)	ND	50	mg/kg
C10-C28 (TEPH-DRO)	ND	50	"
C28-C36 (TEPH-ORO)	ND	50	"

Surrogate: o-Terphenyl	56.1	"	50.0	112	70-130
Surrogate: Trifluorotoluene	88.0	"	100	88.0	70-130

**LCS (8050607-BS1)**

Prepared: 05/06/08 Analyzed: 05/07/08

C10-C28 (TEPH-DRO)	289	50	mg/kg	500	57.8	65.3-142
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**LCS Dup (8050607-BSD1)**

Prepared: 05/06/08 Analyzed: 05/07/08

C10-C28 (TEPH-DRO)	241	50	mg/kg	500	48.2	65.3-142	18.1	19.7
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**Matrix Spike (8050607-MS1)**

Source: R805020-02

Prepared: 05/06/08 Analyzed: 05/07/08

C10-C28 (TEPH-DRO)	709	50	mg/kg	500	390	63.8	55.2-139
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**Matrix Spike Dup (8050607-MSD1)**

Source: R805020-02

Prepared: 05/06/08 Analyzed: 05/07/08

C10-C28 (TEPH-DRO)	651	50	mg/kg	500	390	52.2	55.2-139	8.53	16.7
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4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Mellon 28-1

Project Number: PDC 08100.05  
Project Manager: John Peterson

**Reported:**  
05/07/08 08:56

### 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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# Summit Scientific

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May 14, 2008

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Mellon 28-1

Enclosed are the results of analyses for samples received by Summit Scientific on 05/13/08 15:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'BS' or 'Shrewsbury', with a long, sweeping horizontal line extending to the right.

Ben Shrewsbury  
Vice President / Laboratory Director



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

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

**Reported:**  
05/14/08 08:58

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
E@2.5'	R805088-01	Soil	05/13/08 09:40	05/13/08 15:15
S@3.5'	R805088-02	Soil	05/13/08 09:35	05/13/08 15:15
N@3.5'	R805088-03	Soil	05/13/08 09:55	05/13/08 15:15

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4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

**Reported:**  
05/14/08 08:58

**E@2.5'**  
**R805088-01 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/13/08 09:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	8051307	05/13/08	05/13/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **05/13/08 09:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		99.0 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		85.8 %	70-130		"	"	"	"	

Date Sampled: **05/13/08 09:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	0.0		"	"	[CALC]	"	"	EPA 8015	

Summit Scientific

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4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

**Reported:**  
05/14/08 08:58

**S@3.5'**  
**R805088-02 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/13/08 09:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	8051307	05/13/08	05/13/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **05/13/08 09:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		98.8 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		84.4 %	70-130		"	"	"	"	

Date Sampled: **05/13/08 09:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C6-C36 Total TEPH	0.0		"	"	[CALC]	"	"	EPA 8015	

Summit Scientific

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.



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

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

**Reported:**  
05/14/08 08:58

**N@3.5'**  
**R805088-03 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/13/08 09:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	8051307	05/13/08	05/13/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **05/13/08 09:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		98.4 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		84.1 %	70-130		"	"	"	"	

Date Sampled: **05/13/08 09:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C6-C36 Total TEPH	0.0		"	"	[CALC]	"	"	EPA 8015	

Summit Scientific

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

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

**Reported:**  
05/14/08 08:58

**Extractable Petroleum Hydrocarbons by 8015 - Quality Control**  
**Summit Scientific**

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

**Batch 8051307 - EPA 3550A**

**Blank (8051307-BLK1)**

Prepared: 05/13/08 Analyzed: 05/14/08

C6-C10 (TEPH-GRO)	ND	50	mg/kg
C10-C28 (TEPH-DRO)	ND	50	"
C28-C36 (TEPH-ORO)	ND	50	"

Surrogate: o-Terphenyl	51.5	"	50.0	103	70-130
Surrogate: Trifluorotoluene	87.3	"	100	87.3	70-130

**LCS (8051307-BS1)**

Prepared: 05/13/08 Analyzed: 05/14/08

C10-C28 (TEPH-DRO)	465	50	mg/kg	500	93.0	65.3-142
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**LCS Dup (8051307-BSD1)**

Prepared: 05/13/08 Analyzed: 05/14/08

C10-C28 (TEPH-DRO)	533	50	mg/kg	500	107	65.3-142	13.6	19.7
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**Matrix Spike (8051307-MS1)**

**Source: R805088-01**

Prepared: 05/13/08 Analyzed: 05/14/08

C10-C28 (TEPH-DRO)	488	50	mg/kg	500	ND	97.6	55.2-139
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**Matrix Spike Dup (8051307-MSD1)**

**Source: R805088-01**

Prepared: 05/13/08 Analyzed: 05/14/08

C10-C28 (TEPH-DRO)	504	50	mg/kg	500	ND	101	55.2-139	3.23	16.7
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Summit Scientific

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

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

**Reported:**  
05/14/08 08:58

### 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

A handwritten signature in black ink, appearing to be 'JMP'.

# Summit Scientific

---

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

June 26, 2008

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Mellon 28-1

Enclosed are the results of analyses for samples received by Summit Scientific on 06/20/08 17:06. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'BS' or 'Shrewsbury', written in a cursive style.

Ben Shrewsbury  
Vice President / Laboratory Director



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

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

**Reported:**  
06/26/08 15:20

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01@14-15'	R806130-01	Soil	06/20/08 15:00	06/20/08 17:06
MW02@4.5-6'	R806130-02	Soil	06/20/08 15:15	06/20/08 17:06
MW03@5-6'	R806130-03	Soil	06/20/08 15:31	06/20/08 17:06

Summit Scientific

*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.*

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

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

**Reported:**  
06/26/08 15:20

[illegible]

Summit Scientific

*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.*





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

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

**Reported:**  
06/26/08 15:20

**MW01@14-15'**  
**R806130-01 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **06/20/08 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	8062403	06/24/08	06/26/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **06/20/08 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		109 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		113 %	70-130		"	"	"	"	

Date Sampled: **06/20/08 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C6-C36 Total TEPH	0.0		"	"	[CALC]	"	"	EPA 8015	

Summit Scientific

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.



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

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

Reported:  
06/26/08 15:20

**MW02@4.5-6'**  
**R806130-02 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **06/20/08 15:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C6-C10 (TEPH-GRO)</b>	<b>460</b>	50	mg/kg	1	8062403	06/24/08	06/26/08	8015 Full Carbon Chain	
<b>C10-C28 (TEPH-DRO)</b>	<b>930</b>	50	"	"	"	"	"	"	
<b>C28-C36 (TEPH-ORO)</b>	<b>ND</b>	50	"	"	"	"	"	"	

Date Sampled: **06/20/08 15:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		111 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		116 %	70-130		"	"	"	"	

Date Sampled: **06/20/08 15:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C6-C36 Total TEPH</b>	<b>1400</b>		"	"	[CALC]	"	"	EPA 8015	

Summit Scientific

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.



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

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

**Reported:**  
06/26/08 15:20

**MW03@5-6'**  
**R806130-03 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **06/20/08 15:31**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C6-C10 (TEPH-GRO)</b>	<b>85</b>	50	mg/kg	1	8062403	06/24/08	06/26/08	8015 Full Carbon Chain	
<b>C10-C28 (TEPH-DRO)</b>	<b>210</b>	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **06/20/08 15:31**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		103 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		113 %	70-130		"	"	"	"	

Date Sampled: **06/20/08 15:31**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C6-C36 Total TEPH</b>	<b>300</b>		"	"	[CALC]	"	"	EPA 8015	

Summit Scientific

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

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

Reported:  
06/26/08 15:20

**Extractable Petroleum Hydrocarbons by 8015 - Quality Control**  
**Summit Scientific**

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

**Batch 8062403 - EPA 3550A**

**Blank (8062403-BLK1)**

Prepared: 06/24/08 Analyzed: 06/25/08

C6-C10 (TEPH-GRO)	ND	50	mg/kg
C10-C28 (TEPH-DRO)	ND	50	"
C28-C36 (TEPH-ORO)	ND	50	"

Surrogate: o-Terphenyl	53.0	"	50.0	106	70-130
Surrogate: Trifluorotoluene	113	"	100	113	70-130

**LCS (8062403-BS1)**

Prepared: 06/24/08 Analyzed: 06/25/08

C10-C28 (TEPH-DRO)	452	50	mg/kg	500	90.4	65.3-142
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**LCS Dup (8062403-BSD1)**

Prepared: 06/24/08 Analyzed: 06/25/08

C10-C28 (TEPH-DRO)	415	50	mg/kg	500	83.0	65.3-142	8.54	19.7
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**Matrix Spike (8062403-MS1)**

Source: R806096-01

Prepared: 06/24/08 Analyzed: 06/26/08

C10-C28 (TEPH-DRO)	583	50	mg/kg	500	ND	117	55.2-139
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**Matrix Spike Dup (8062403-MSD1)**

Source: R806096-01

Prepared: 06/24/08 Analyzed: 06/26/08

C10-C28 (TEPH-DRO)	553	50	mg/kg	500	ND	111	55.2-139	5.28	16.7
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Summit Scientific

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.





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

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

**Reported:**  
06/26/08 15:20

### 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

A handwritten signature in black ink, appearing to be 'JMP'.

# Summit Scientific

---

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

July 01, 2008

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Mellon 28-1

Enclosed are the results of analyses for samples received by Summit Scientific on 06/24/08 16:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'BS' or 'Shrewsbury', with a long, sweeping horizontal line extending to the right.

Ben Shrewsbury  
Vice President / Laboratory Director



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

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

**Reported:**  
07/01/08 09:49

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R806147-01	Water	06/24/08 12:10	06/24/08 16:00
MW02	R806147-02	Water	06/24/08 12:20	06/24/08 16:00
MW03	R806147-03	Water	06/24/08 12:30	06/24/08 16:00

Summit Scientific

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

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

**Reported:**  
07/01/08 09:49

Summit Scientific R806147

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

ent: LT Environmental, Inc.

Address: 4600 West 60th Avenue

City/State/Zip: Arvada, CO 80003

Phone: (303) 433-9788

Dr. J. H. ...

Project Manager:

E-Mail:

Project Name:

Project Number:

Steve Compton

2

MFLLCN 28-1

09/08/20

Page / of

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:	Special Instructions	
				HCl	HNO <sub>3</sub>	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)			
MW01	12/10	6:24 AM	2	X				X				Total Carbon Chain BTX		
MW02	12/20	4	2	X				X						
MW03	12/30		2	X				X						
<div style="text-align: center;"> </div>														
Inquired by: [Signature]	Date/Time: 6-24-08 / 16:00								Received by:		Date/Time:	Turn Around Time (Check) <input type="checkbox"/> Same Day <input checked="" type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input type="checkbox"/> 48 Hours		Notes:
Inquired by:	Date/Time:								Received by:		Date/Time:	Sample Integrity: Temperature Upon Receipt: 5.1 Intact: Yes No		

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Summit Scientific

*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.*



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

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

Reported:  
07/01/08 09:49

**MW01**  
**R806147-01 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **06/24/08 12:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	8062901	06/29/08	06/30/08	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **06/24/08 12:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		105 %		80-120		"	"	"	"	
Surrogate: Toluene-d8		100 %		92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.2 %		84.5-110		"	"	"	"	

Summit Scientific

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.



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

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

**Reported:**  
07/01/08 09:49

**MW02**  
**R806147-02 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **06/24/08 12:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>Benzene</b>	<b>1.8</b>	1.0		ug/l	1	8062901	06/29/08	06/30/08	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>1.8</b>	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **06/24/08 12:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		105 %		80-120		"	"	"	"	
Surrogate: Toluene-d8		99.2 %		92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %		84.5-110		"	"	"	"	

Summit Scientific

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.



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

Project: PDC - Mellon 28-1  
Project Number: PDC-08100.05  
Project Manager: John Peterson

**Reported:**  
07/01/08 09:49

**MW03**  
**R806147-03 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **06/24/08 12:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	8062901	06/29/08	06/30/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **06/24/08 12:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		105 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		101 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	84.5-110		"	"	"	"	

Summit Scientific

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.



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

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

Reported:  
07/01/08 09:49

## 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 8062901 - EPA 5030 Water MS

##### Blank (8062901-BLK1)

Prepared & Analyzed: 06/29/08

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	12.7		"	13.3		95.5	80-120			
Surrogate: Toluene-d8	13.2		"	13.3		99.2	92.1-106			
Surrogate: 4-Bromofluorobenzene	12.8		"	13.3		96.2	84.5-110			

##### LCS (8062901-BS1)

Prepared & Analyzed: 06/29/08

Benzene	33.9	1.0	ug/l	33.3		102	61.4-110			
Toluene	36.4	1.0	"	33.3		109	54.2-116			
Surrogate: 1,2-Dichloroethane-d4	12.8		"	13.3		96.2	80-120			
Surrogate: Toluene-d8	13.2		"	13.3		99.2	92.1-106			
Surrogate: 4-Bromofluorobenzene	12.8		"	13.3		96.2	84.5-110			

##### LCS Dup (8062901-BSD1)

Prepared & Analyzed: 06/29/08

Benzene	34.0	1.0	ug/l	33.3		102	61.4-110	0.295	11.8	
Toluene	36.8	1.0	"	33.3		111	54.2-116	1.09	12.2	
Surrogate: 1,2-Dichloroethane-d4	12.8		"	13.3		96.2	80-120			
Surrogate: Toluene-d8	13.2		"	13.3		99.2	92.1-106			
Surrogate: 4-Bromofluorobenzene	12.8		"	13.3		96.2	84.5-110			

##### Matrix Spike (8062901-MS1)

Source: R806137-01

Prepared & Analyzed: 06/29/08

Benzene	44.9	1.0	ug/l	33.3	12	98.8	61.5-109			
Toluene	36.9	1.0	"	33.3	ND	111	55.6-113			
Surrogate: 1,2-Dichloroethane-d4	14.5		"	13.3		109	80-120			
Surrogate: Toluene-d8	13.4		"	13.3		101	92.1-106			
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3		99.2	84.5-110			

Summit Scientific

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.





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

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

**Reported:**  
07/01/08 09:49

**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 8062901 - EPA 5030 Water MS**

Matrix Spike Dup (8062901-MSD1)		Source: R806137-01			Prepared: 06/29/08		Analyzed: 06/30/08			
Benzene	48.9	1.0	ug/l	33.3	12	111	61.5-109	8.53	21.7	
Toluene	36.9	1.0	"	33.3	ND	111	55.6-113	0.00	9.18	
Surrogate: 1,2-Dichloroethane-d4	13.0		"	13.3		97.7	80-120			
Surrogate: Toluene-d8	13.3		"	13.3		100	92.1-106			
Surrogate: 4-Bromofluorobenzene	13.1		"	13.3		98.5	84.5-110			

Summit Scientific

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

Project: PDC - Mellon 28-1

Project Number: PDC-08100.05  
Project Manager: John Peterson

**Reported:**  
07/01/08 09:49

### 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

A handwritten signature in black ink, appearing to be 'JMP'.

# Summit Scientific

---

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

October 01, 2008

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Mellon 28-1

Enclosed are the results of analyses for samples received by Summit Scientific on 09/24/08 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'PS' followed by a long, sweeping horizontal line.

Paul Shrewsbury For Ben Shrewsbury  
Vice President / Laboratory Director



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

Project: PDC - Mellon 28-1

Project Number: PDC 08100  
Project Manager: John Peterson

**Reported:**  
10/01/08 09:04

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R809127-01	Water	09/24/08 14:45	09/24/08 16:30
MW02	R809127-02	Water	09/24/08 14:50	09/24/08 16:30
MW03	R809127-03	Water	09/24/08 14:55	09/24/08 16:30

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

Project: PDC - Mellon 28-1

Project Number: PDC 08100  
Project Manager: John Peterson

Reported:  
10/01/08 09:04

**MW01**  
**R809127-01 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **09/24/08 14:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	8092610	09/26/08	09/28/08	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **09/24/08 14:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		94.7 %		77.3-121		"	"	"	"	
Surrogate: Toluene-d8		94.7 %		91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.2 %		85.3-109		"	"	"	"	

Summit Scientific

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

Project: PDC - Mellon 28-1

Project Number: PDC 08100  
Project Manager: John Peterson

**Reported:**  
10/01/08 09:04

**MW02**  
**R809127-02 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **09/24/08 14:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	8092610	09/26/08	09/28/08	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **09/24/08 14:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		96.2 %		77.3-121		"	"	"	"	
Surrogate: Toluene-d8		96.2 %		91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		88.7 %		85.3-109		"	"	"	"	

Summit Scientific

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

Project: PDC - Mellon 28-1

Project Number: PDC 08100  
Project Manager: John Peterson

**Reported:**  
10/01/08 09:04

**MW03**  
**R809127-03 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **09/24/08 14:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	8092610	09/26/08	09/28/08	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **09/24/08 14:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		97.7 %		77.3-121		"	"	"	"	
Surrogate: Toluene-d8		96.2 %		91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		88.7 %		85.3-109		"	"	"	"	

Summit Scientific

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

Project: PDC - Mellon 28-1

Project Number: PDC 08100  
Project Manager: John Peterson

Reported:  
10/01/08 09:04

## 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 8092610 - EPA 5030 Water MS

##### Blank (8092610-BLK1)

Prepared: 09/26/08 Analyzed: 09/27/08

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	11.4		"	13.3		85.7	77.3-121			
Surrogate: Toluene-d8	13.0		"	13.3		97.7	91.4-107			
Surrogate: 4-Bromofluorobenzene	11.4		"	13.3		85.7	85.3-109			

##### LCS (8092610-BS1)

Prepared: 09/26/08 Analyzed: 09/27/08

Benzene	28.0	1.0	ug/l	33.3		84.1	70-114			
Toluene	29.3	1.0	"	33.3		88.0	72.7-116			
Surrogate: 1,2-Dichloroethane-d4	11.1		"	13.3		83.5	77.3-121			
Surrogate: Toluene-d8	13.1		"	13.3		98.5	91.4-107			
Surrogate: 4-Bromofluorobenzene	11.4		"	13.3		85.7	85.3-109			

##### LCS Dup (8092610-BSD1)

Prepared: 09/26/08 Analyzed: 09/27/08

Benzene	26.8	1.0	ug/l	33.3		80.5	70-114	4.38	8.14	
Toluene	28.6	1.0	"	33.3		85.9	72.7-116	2.42	7.88	
Surrogate: 1,2-Dichloroethane-d4	11.1		"	13.3		83.5	77.3-121			
Surrogate: Toluene-d8	13.2		"	13.3		99.2	91.4-107			
Surrogate: 4-Bromofluorobenzene	12.4		"	13.3		93.2	85.3-109			

##### Matrix Spike (8092610-MS1)

Source: R809125-01

Prepared: 09/26/08 Analyzed: 09/27/08

Benzene	38.3	1.0	ug/l	33.3	4.7	101	66.8-117			
Toluene	31.0	1.0	"	33.3	ND	93.1	71.5-117			
Surrogate: 1,2-Dichloroethane-d4	11.6		"	13.3		87.2	77.3-121			
Surrogate: Toluene-d8	13.1		"	13.3		98.5	91.4-107			
Surrogate: 4-Bromofluorobenzene	11.8		"	13.3		88.7	85.3-109			

Summit Scientific

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

Project: PDC - Mellon 28-1

Project Number: PDC 08100  
Project Manager: John Peterson

Reported:  
10/01/08 09:04

**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 8092610 - EPA 5030 Water MS**

Matrix Spike Dup (8092610-MSD1)		Source: R809125-01			Prepared: 09/26/08		Analyzed: 09/27/08			
Benzene	32.3	1.0	ug/l	33.3	4.7	82.9	66.8-117	17.0	17.8	
Toluene	29.8	1.0	"	33.3	ND	89.5	71.5-117	3.95	14.4	
Surrogate: 1,2-Dichloroethane-d4	13.4		"	13.3		101	77.3-121			
Surrogate: Toluene-d8	12.8		"	13.3		96.2	91.4-107			
Surrogate: 4-Bromofluorobenzene	11.9		"	13.3		89.5	85.3-109			

Summit Scientific

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

Project: PDC - Mellon 28-1

Project Number: PDC 08100  
Project Manager: John Peterson

**Reported:**  
10/01/08 09:04

### 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

---

Summit Scientific

A handwritten signature in black ink, appearing to be 'JM' followed by a long horizontal stroke.

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