

# 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 'B. 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-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.*





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 Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		102 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		97.1 %	70-130		"	"	"	"	

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

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-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 Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<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 Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<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		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

**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

Surrogate: Trifluorotoluene

45.8 " 50.0 91.6 70-130

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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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

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Summit Scientific**

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

**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	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>13.8</i>		<i>"</i>	<i>13.3</i>		<i>104</i>	<i>90.2-124</i>				
<i>Surrogate: Toluene-d8</i>	<i>12.8</i>		<i>"</i>	<i>13.3</i>		<i>96.2</i>	<i>92.1-106</i>				
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>12.3</i>		<i>"</i>	<i>13.3</i>		<i>92.5</i>	<i>84.5-110</i>				

**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				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>14.0</i>		<i>"</i>	<i>13.3</i>		<i>105</i>	<i>90.2-124</i>				
<i>Surrogate: Toluene-d8</i>	<i>12.9</i>		<i>"</i>	<i>13.3</i>		<i>97.0</i>	<i>92.1-106</i>				
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>12.3</i>		<i>"</i>	<i>13.3</i>		<i>92.5</i>	<i>84.5-110</i>				

**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		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>13.9</i>		<i>"</i>	<i>13.3</i>		<i>105</i>	<i>90.2-124</i>				
<i>Surrogate: Toluene-d8</i>	<i>13.0</i>		<i>"</i>	<i>13.3</i>		<i>97.7</i>	<i>92.1-106</i>				
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>12.4</i>		<i>"</i>	<i>13.3</i>		<i>93.2</i>	<i>84.5-110</i>				

**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				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>14.2</i>		<i>"</i>	<i>13.3</i>		<i>107</i>	<i>90.2-124</i>				
<i>Surrogate: Toluene-d8</i>	<i>13.1</i>		<i>"</i>	<i>13.3</i>		<i>98.5</i>	<i>92.1-106</i>				
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>12.7</i>		<i>"</i>	<i>13.3</i>		<i>95.5</i>	<i>84.5-110</i>				

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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	Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

**Batch 8050502 - EPA 5030 Water MS**

<b>Matrix Spike Dup (8050502-MSD1)</b>	<b>Source: R805011-01</b>			<b>Prepared &amp; Analyzed: 05/05/08</b>						
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	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>15.1</i>		<i>"</i>	<i>13.3</i>		<i>114</i>	<i>90.2-124</i>			
<i>Surrogate: Toluene-d8</i>	<i>13.0</i>		<i>"</i>	<i>13.3</i>		<i>97.7</i>	<i>92.1-106</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>12.7</i>		<i>"</i>	<i>13.3</i>		<i>95.5</i>	<i>84.5-110</i>			

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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

### 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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# Summit Scientific

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741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

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', 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:**  
05/07/08 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 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 15:05**

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

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

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

**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: <i>o</i> -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: <i>o</i> -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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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

**Extractable 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 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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303.277.9310 - laboratory ♦ 303.277.9531 - fax

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', 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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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

# Summit Scientific

*Process*

741 Corporate Circle Suite 1 ♦ Golden, Colorado 80401  
 303-277-9310 ♦ 303-277-9531 Fax

Page / of

Client: LT Environmental, Inc.

Address: 4600 West 60th Avenue

City/State/Zip: Arvada, CO 80003

Phone: (303) 433-9788

Sampler Name: *Robert Young*

Project Manager: *John Peterson*

E-Mail:

Fax: (303) 433-1432

Project Name: *Mellon 28-1*

Project Number: *PDC08100.05*

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Special Instructions	Notes		
				HCl	HNO <sub>3</sub>	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)			Total Carbon Chain	BTEX
<i>EG 2.5'</i>	<i>5-13-08</i>	<i>0940</i>	<i>1</i>		<input checked="" type="checkbox"/>										
<i>SC 3.5'</i>	<i>5-13-08</i>	<i>0935</i>	<i>1</i>		<input checked="" type="checkbox"/>										
<i>MC 3.5'</i>	<i>5-13-08</i>	<i>0955</i>	<i>1</i>		<input checked="" type="checkbox"/>										
<i>(Large handwritten scribble)</i>															
Relinquished by: <i>Robert Young</i>	Date/Time: <i>5/13/2008</i>	Received by: <i>JP</i>	Date/Time: <i>5-13-08 1515</i>	Turn Around Time (Check)				Sample Integrity:				Notes:			
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day	24 Hours	48 Hours	72 Hours	Standard	Temperature-Upon Receipt:	Intact: (Yes/No)					
Relinquished by:	Date/Time:	Received by:	Date/Time:						<i>4.9</i>	<i>Yes</i>					

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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

**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: <i>o</i> -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

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

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

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

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

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 09:35**

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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 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 09:55**

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

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

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:**  
05/14/08 08:58

**Extractable 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 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

---

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.*

# Summit Scientific

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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', 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:**  
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

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

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

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

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

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	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

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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

**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

*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

**Extractable 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 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

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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

### 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

*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.*

# 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', 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

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

**Summit Scientific**

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

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

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

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 Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<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 Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	80-120		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99.2 %	92.1-106		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		103 %	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

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

**Summit Scientific**

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

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

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

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 Level	Source		%REC		RPD		Notes
	Result	Limit	Units		Result	%REC	Limits	RPD	Limit		

**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	12	102	61.4-110	0.295	11.8		
Toluene	36.8	1.0	"	33.3	ND	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

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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

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Summit Scientific**

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

**Batch 8062901 - EPA 5030 Water MS**

<b>Matrix Spike Dup (8062901-MSD1)</b>	<b>Source: R806137-01</b>			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	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>13.0</i>		<i>"</i>	<i>13.3</i>			<i>97.7</i>	<i>80-120</i>		
<i>Surrogate: Toluene-d8</i>	<i>13.3</i>		<i>"</i>	<i>13.3</i>			<i>100</i>	<i>92.1-106</i>		
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>13.1</i>		<i>"</i>	<i>13.3</i>			<i>98.5</i>	<i>84.5-110</i>		

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

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Summit Scientific

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# Summit Scientific

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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', with a long horizontal flourish extending to the right.

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 Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.2 %	77.3-121		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		96.2 %	91.4-107		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		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 Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.7 %	77.3-121		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		96.2 %	91.4-107		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		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 Level	Source		%REC		RPD		Notes
	Result	Limit	Units		Result	%REC	Limits	RPD	Limit		

**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				

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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	Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

**Batch 8092610 - EPA 5030 Water MS**

<b>Matrix Spike Dup (8092610-MSD1)</b>	<b>Source: R809125-01</b>			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			

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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

---

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