

# Summit Scientific

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741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

June 02, 2009

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Millage 13-30

Enclosed are the results of analyses for samples received by Summit Scientific on 06/01/09 16:38. 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 - Millage 13-30

Project Number: PDC 09013  
Project Manager: John Peterson

Reported:  
06/02/09 08:21

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GW01	R906004-01	Water	06/01/09 15:00	06/01/09 16:38

Summit Scientific

52

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

Page 7 of 7

Client: LT Environmental, Inc.

Address: 4600 West 60th Avenue

**Project Manager:**

2909894

E-Mail:

Phone: (303) 433-9788  
Fax: (303) 433-1432

Project Name: M:11a9+ B-36

Sampler Name: Phillips

Project Number: PDZ 09013

[illegible]

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

Project: PDC - Millage 13-30

Project Number: PDC 09013  
Project Manager: John Peterson

Reported:  
06/02/09 08:21

**GW01**  
**R906004-01 (Water)**

**Summit Scientific**

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

Date Sampled: **06/01/09 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>240</b>	1.0	ug/l	1	9060103	06/01/09	06/01/09	EPA 8260B	
<b>Toluene</b>	<b>120</b>	1.0	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>21</b>	1.0	"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>160</b>	1.0	"	"	"	"	"	"	

Date Sampled: **06/01/09 15:00**

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>		103 %	91.4-107		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		99.2 %	85.3-109		"	"	"	"	

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

Project: PDC - Millage 13-30

Project Number: PDC 09013  
Project Manager: John Peterson

Reported:  
06/02/09 08:21

## 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 9060103 - EPA 5030 Water MS

##### Blank (9060103-BLK1)

Prepared & Analyzed: 06/01/09

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	12.2		"	13.3	91.7	77.3-121				
Surrogate: Toluene-d8	12.9		"	13.3	97.0	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3	99.2	85.3-109				

##### LCS (9060103-BS1)

Prepared & Analyzed: 06/01/09

Benzene	28.2	1.0	ug/l	33.3	84.7	70-114				
Toluene	26.6	1.0	"	33.3	79.9	72.7-116				
Surrogate: 1,2-Dichloroethane-d4	11.7		"	13.3	88.0	77.3-121				
Surrogate: Toluene-d8	12.6		"	13.3	94.7	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3	101	85.3-109				

##### LCS Dup (9060103-BSD1)

Prepared & Analyzed: 06/01/09

Benzene	27.2	1.0	ug/l	33.3	81.7	70-114	3.61	8.14		
Toluene	26.6	1.0	"	33.3	79.9	72.7-116	0.00	7.88		
Surrogate: 1,2-Dichloroethane-d4	11.8		"	13.3	88.7	77.3-121				
Surrogate: Toluene-d8	12.8		"	13.3	96.2	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3	101	85.3-109				

##### Matrix Spike (9060103-MS1)

Source: R905195-01

Prepared & Analyzed: 06/01/09

Benzene	28.6	1.0	ug/l	33.3	ND	85.9	66.8-117			
Toluene	26.8	1.0	"	33.3	ND	80.5	71.5-117			
Surrogate: 1,2-Dichloroethane-d4	13.5		"	13.3		102	77.3-121			
Surrogate: Toluene-d8	13.3		"	13.3		100	91.4-107			
Surrogate: 4-Bromofluorobenzene	13.8		"	13.3		104	85.3-109			

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

Project: PDC - Millage 13-30

Project Number: PDC 09013  
Project Manager: John Peterson

Reported:  
06/02/09 08:21

**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 9060103 - EPA 5030 Water MS**

Matrix Spike Dup (9060103-MSD1)		Source: R905195-01			Prepared & Analyzed: 06/01/09					
Benzene	26.4	1.0	ug/l	33.3	ND	79.3	66.8-117	8.00	17.8	
Toluene	25.1	1.0	"	33.3	ND	75.4	71.5-117	6.55	14.4	
Surrogate: 1,2-Dichloroethane-d4	14.9		"	13.3		112	77.3-121			
Surrogate: Toluene-d8	13.4		"	13.3		101	91.4-107			
Surrogate: 4-Bromofluorobenzene	13.8		"	13.3		104	85.3-109			

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

Project: PDC - Millage 13-30  
Project Number: PDC 09013  
Project Manager: John Peterson

**Reported:**  
06/02/09 08:21

### 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

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741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

July 01, 2009

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Millage 13-3D

Enclosed are the results of analyses for samples received by Summit Scientific on 06/25/09 17:00. 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 - Millage 13-3D

Project Number: PDC 09013  
Project Manager: John Peterson

**Reported:**  
07/01/09 09:33

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
N01@2'	R906180-01	Soil	06/25/09 10:30	06/25/09 17:00
N02@2'	R906180-02	Soil	06/25/09 10:13	06/25/09 17:00
N03@2'	R906180-03	Soil	06/25/09 10:06	06/25/09 17:00
S01@2'	R906180-04	Soil	06/25/09 10:20	06/25/09 17:00
S02@2'	R906180-05	Soil	06/25/09 10:02	06/25/09 17:00
S03@2'	R906180-06	Soil	06/25/09 10:30	06/25/09 17:00
E01@2'	R906180-07	Soil	06/25/09 10:10	06/25/09 17:00
W01@2'	R906180-08	Soil	06/25/09 10:14	06/25/09 17:00

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

Project: PDC - Millage 13-3D

Project Number: PDC 09013  
Project Manager: John Peterson

**Reported:**  
07/01/09 09:33

Summit Scientific  
2906180

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

Page 1 of 1

Client: LT Environmental, Inc.

Address: 4600 West 60th Avenue

City/State/Zip: Arvada, CO 80003

Phone: (303) 433-9788

Sampler Name: SD-001A

1897

**Project Manager:** John Peterson

E-Mail: [jpeterston@ltenv.com](mailto:jpeterston@ltenv.com)

Project Name: Millage 13-34

Project Number: AY 9903

230

[illegible]

[www.s2scientific.com](http://www.s2scientific.com)

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

Project: PDC - Millage 13-3D

Project Number: PDC 09013  
Project Manager: John Peterson

Reported:  
07/01/09 09:33

**N01@2'**  
**R906180-01 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **06/25/09 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (TEPH-DRO)	ND	50	mg/kg	1	9062614	06/26/09	06/28/09	8015 Full Carbon Chain	

Date Sampled: **06/25/09 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		102 %	77.7-123		"	"	"	"	

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

Date Sampled: **06/25/09 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	9062613	06/26/09	06/29/09	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/25/09 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		99.8 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		100 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.0 %	85.3-109		"	"	"	"	

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

Project: PDC - Millage 13-3D

Project Number: PDC 09013  
Project Manager: John Peterson

Reported:  
07/01/09 09:33

**N02@2'**  
**R906180-02 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **06/25/09 10:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (TEPH-DRO)	ND	50	mg/kg	1	9062614	06/26/09	06/28/09	8015 Full Carbon Chain	

Date Sampled: **06/25/09 10:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		102 %	77.7-123		"	"	"	"	

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

Date Sampled: **06/25/09 10:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	9062613	06/26/09	06/29/09	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/25/09 10:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		114 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		102 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	85.3-109		"	"	"	"	

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

Project: PDC - Millage 13-3D  
Project Number: PDC 09013  
Project Manager: John Peterson

Reported:  
07/01/09 09:33

**N03@2'**  
**R906180-03 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **06/25/09 10:06**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (TEPH-DRO)	ND	50	mg/kg	1	9062614	06/26/09	06/28/09	8015 Full Carbon Chain	

Date Sampled: **06/25/09 10:06**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		105 %	77.7-123		"	"	"	"	

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

Date Sampled: **06/25/09 10:06**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	9062613	06/26/09	06/29/09	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/25/09 10:06**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		102 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		101 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.0 %	85.3-109		"	"	"	"	

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

Project: PDC - Millage 13-3D

Project Number: PDC 09013  
Project Manager: John Peterson

Reported:  
07/01/09 09:33

**S01@2'**  
**R906180-04 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **06/25/09 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (TEPH-DRO)	ND	50	mg/kg	1	9062614	06/26/09	06/28/09	8015 Full Carbon Chain	

Date Sampled: **06/25/09 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		101 %	77.7-123		"	"	"	"	

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

Date Sampled: **06/25/09 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	9062613	06/26/09	06/29/09	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/25/09 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		104 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		100 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	85.3-109		"	"	"	"	

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

Project: PDC - Millage 13-3D

Project Number: PDC 09013  
Project Manager: John Peterson

Reported:  
07/01/09 09:33

**S02@2'**  
**R906180-05 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **06/25/09 10:02**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (TEPH-DRO)	ND	50	mg/kg	1	9062614	06/26/09	06/28/09	8015 Full Carbon Chain	

Date Sampled: **06/25/09 10:02**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		104 %	77.7-123		"	"	"	"	

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

Date Sampled: **06/25/09 10:02**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	9062613	06/26/09	06/29/09	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/25/09 10:02**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		104 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		100 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.0 %	85.3-109		"	"	"	"	

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

Project: PDC - Millage 13-3D

Project Number: PDC 09013  
Project Manager: John Peterson

Reported:  
07/01/09 09:33

**S03@2'**  
**R906180-06 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **06/25/09 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (TEPH-DRO)	ND	50	mg/kg	1	9062614	06/26/09	06/28/09	8015 Full Carbon Chain	

Date Sampled: **06/25/09 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		102 %	77.7-123		"	"	"	"	

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

Date Sampled: **06/25/09 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	9062613	06/26/09	06/29/09	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/25/09 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		103 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		100 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.5 %	85.3-109		"	"	"	"	

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

Project: PDC - Millage 13-3D  
Project Number: PDC 09013  
Project Manager: John Peterson

Reported:  
07/01/09 09:33

**E01@2'**  
**R906180-07 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **06/25/09 10:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (TEPH-DRO)	ND	50	mg/kg	1	9062614	06/26/09	06/28/09	8015 Full Carbon Chain	

Date Sampled: **06/25/09 10:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		103 %	77.7-123		"	"	"	"	

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

Date Sampled: **06/25/09 10:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	9062613	06/26/09	06/29/09	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/25/09 10:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		69.5 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		98.8 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.5 %	85.3-109		"	"	"	"	

Summit Scientific

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

Project: PDC - Millage 13-3D

Project Number: PDC 09013  
Project Manager: John Peterson

Reported:  
07/01/09 09:33

**W01@2'**  
**R906180-08 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **06/25/09 10:14**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (TEPH-DRO)	200	50	mg/kg	1	9062614	06/26/09	06/28/09	8015 Full Carbon Chain	

Date Sampled: **06/25/09 10:14**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		104 %	77.7-123		"	"	"	"	

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

Date Sampled: **06/25/09 10:14**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	9062613	06/26/09	06/29/09	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **06/25/09 10:14**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		109 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		99.0 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.5 %	85.3-109		"	"	"	"	

Summit Scientific

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

Project: PDC - Millage 13-3D  
Project Number: PDC 09013  
Project Manager: John Peterson

Reported:  
07/01/09 09:33

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

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

**Batch 9062614 - EPA 3550A**

<b>Blank (9062614-BLK1)</b>				Prepared: 06/26/09 Analyzed: 06/27/09							
C10-C28 (TEPH-DRO)	ND	50	mg/kg								
<b>LCS (9062614-BS1)</b>				Prepared: 06/26/09 Analyzed: 06/27/09							
C10-C28 (TEPH-DRO)	ND	50	mg/kg				83.3-127				
<b>LCS (9062614-BS2)</b>				Prepared: 06/26/09 Analyzed: 06/27/09							
C10-C28 (TEPH-DRO)	439	50	mg/kg	500		87.8	83.3-127				
<b>LCS Dup (9062614-BSD1)</b>				Prepared: 06/26/09 Analyzed: 06/27/09							
C10-C28 (TEPH-DRO)	ND	50	mg/kg				83.3-127			15	
<b>LCS Dup (9062614-BSD2)</b>				Prepared: 06/26/09 Analyzed: 06/27/09							
C10-C28 (TEPH-DRO)	463	50	mg/kg	500		92.6	83.3-127	5.32		15	
<b>Matrix Spike (9062614-MS1)</b>				<b>Source: R906180-01</b>		Prepared: 06/26/09 Analyzed: 06/28/09					
C10-C28 (TEPH-DRO)	ND	50	mg/kg		ND		75.8-126				
<b>Matrix Spike (9062614-MS2)</b>				<b>Source: R906180-01</b>		Prepared: 06/26/09 Analyzed: 06/28/09					
C10-C28 (TEPH-DRO)	629	50	mg/kg	500	ND	126	75.8-126				
<b>Matrix Spike Dup (9062614-MSD1)</b>				<b>Source: R906180-01</b>		Prepared: 06/26/09 Analyzed: 06/28/09					
C10-C28 (TEPH-DRO)	ND	50	mg/kg		ND		75.8-126			13.6	
<b>Matrix Spike Dup (9062614-MSD2)</b>				<b>Source: R906180-01</b>		Prepared: 06/26/09 Analyzed: 06/28/09					
C10-C28 (TEPH-DRO)	635	50	mg/kg	500	ND	127	75.8-126	0.949		13.6	

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

Project: PDC - Millage 13-3D  
Project Number: PDC 09013  
Project Manager: John Peterson

Reported:  
07/01/09 09:33

**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 9062613 - EPA 5030 Soil MS**

**Blank (9062613-BLK1)**

Prepared: 06/26/09 Analyzed: 06/27/09

Benzene	ND	0.0050	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0374		"	0.0400		93.5	77.3-121			
Surrogate: Toluene-d8	0.0396		"	0.0400		99.0	91.4-107			
Surrogate: 4-Bromofluorobenzene	0.0381		"	0.0400		95.2	85.3-109			

**LCS (9062613-BS1)**

Prepared: 06/26/09 Analyzed: 06/27/09

Benzene	0.0901	0.0050	mg/kg	0.100		90.1	70-114			
Toluene	0.0997	0.0050	"	0.100		99.7	72.7-116			
Surrogate: 1,2-Dichloroethane-d4	0.0382		"	0.0400		95.5	77.3-121			
Surrogate: Toluene-d8	0.0397		"	0.0400		99.3	91.4-107			
Surrogate: 4-Bromofluorobenzene	0.0379		"	0.0400		94.8	85.3-109			

**LCS Dup (9062613-BSD1)**

Prepared: 06/26/09 Analyzed: 06/27/09

Benzene	0.0888	0.0050	mg/kg	0.100		88.8	70-114	1.45	8.14	
Toluene	0.0989	0.0050	"	0.100		98.9	72.7-116	0.806	7.88	
Surrogate: 1,2-Dichloroethane-d4	0.0370		"	0.0400		92.5	77.3-121			
Surrogate: Toluene-d8	0.0392		"	0.0400		98.0	91.4-107			
Surrogate: 4-Bromofluorobenzene	0.0379		"	0.0400		94.8	85.3-109			

**Matrix Spike (9062613-MS1)**

Source: R906185-01

Prepared: 06/26/09 Analyzed: 06/28/09

Benzene	0.0889	0.0050	mg/kg	0.100	ND	88.9	66.8-117			
Toluene	0.0979	0.0050	"	0.100	ND	97.9	71.5-117			
Surrogate: 1,2-Dichloroethane-d4	0.0400		"	0.0400		100	77.3-121			
Surrogate: Toluene-d8	0.0393		"	0.0400		98.2	91.4-107			
Surrogate: 4-Bromofluorobenzene	0.0382		"	0.0400		95.5	85.3-109			

Summit Scientific

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

Project: PDC - Millage 13-3D

Project Number: PDC 09013  
Project Manager: John Peterson

Reported:  
07/01/09 09:33

**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 9062613 - EPA 5030 Soil MS**

Matrix Spike Dup (9062613-MSD1)		Source: R906185-01			Prepared: 06/26/09		Analyzed: 06/28/09			
Benzene	0.0902	0.0050	mg/kg	0.100	ND	90.2	66.8-117	1.45	17.8	
Toluene	0.0997	0.0050	"	0.100	ND	99.7	71.5-117	1.82	14.4	
Surrogate: 1,2-Dichloroethane-d4	0.0408		"	0.0400		102	77.3-121			
Surrogate: Toluene-d8	0.0397		"	0.0400		99.3	91.4-107			
Surrogate: 4-Bromofluorobenzene	0.0383		"	0.0400		95.8	85.3-109			

Summit Scientific

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

Project: PDC - Millage 13-3D

Project Number: PDC 09013  
Project Manager: John Peterson

**Reported:**  
07/01/09 09:33

### 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

August 12, 2009

John Cocroft  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Millage 13-3D

Enclosed are the results of analyses for samples received by Summit Scientific on 08/07/09 15:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Logan Shrewsbury For Ben Shrewsbury  
President / Laboratory Director



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

Project: PDC - Millage 13-3D

Project Number: KMG 09013  
Project Manager: John Cocroft

**Reported:**  
08/12/09 18:25

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R908029-01	Water	08/07/09 12:40	08/07/09 15:10
MW02	R908029-02	Water	08/07/09 12:50	08/07/09 15:10
MW03	R908029-03	Water	08/07/09 13:00	08/07/09 15:10

Summit Scientific

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

Project: PDC - Millage 13-3D

Project Number: KMG 09013  
Project Manager: John Cocroft

**Reported:**  
08/12/09 18:25

Summit Scientific  
0908029

741 Corporate Circle Suite I ♦ 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: Wt

Sampler Name: mtf

**Project Manager:** John Peterson

E-Mail: [ipeterson@ltnv.com](mailto:ipeterson@ltnv.com)

Project Name: Millard 13-30

Project Name: Highway 13 SD  
Project Number: 000090

Project Number: p0c09013

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 #		
MW01	8-7-09	1240	2	X								
MW02		1250	1					X				
MW03		1300	1									
Relinquished by: <i>[Signature]</i>				Date/Time: 8-7-09 1510		Received by: <i>[Signature]</i>		Date/Time: 8-7-09 1510		Turn Around Time (Check)		Notes:
Relinquished by: <i>[Signature]</i>				Date/Time: 8-7-09 1510		Received by: <i>[Signature]</i>		Date/Time: 8-7-09 1510		<input type="checkbox"/> Same Day <input type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input checked="" type="checkbox"/> 72 Hours <input type="checkbox"/> Standard		Sample Integrity: Temperature Upon Receipt: <u>4.3</u> Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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*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 - Millage 13-3D

Project Number: KMG 09013  
Project Manager: John Cocroft

Reported:  
08/12/09 18:25

**MW01**  
**R908029-01 (Water)**

**Summit Scientific**

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

Date Sampled: **08/07/09 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9081103	08/11/09	08/12/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **08/07/09 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		123 %	74.3-129		"	"	"	"	
Surrogate: Toluene-d8		101 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.5 %	83.5-115		"	"	"	"	

Summit Scientific

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

Project: PDC - Millage 13-3D  
Project Number: KMG 09013  
Project Manager: John Cocroft

Reported:  
08/12/09 18:25

**MW02**  
**R908029-02 (Water)**

**Summit Scientific**

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

Date Sampled: **08/07/09 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	9081103	08/11/09	08/12/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **08/07/09 12:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		116 %	74.3-129		"	"	"	"	
Surrogate: Toluene-d8		98.5 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.7 %	83.5-115		"	"	"	"	

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 - Millage 13-3D

Project Number: KMG 09013  
Project Manager: John Cocroft

Reported:  
08/12/09 18:25

**MW03**  
**R908029-03 (Water)**

**Summit Scientific**

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

Date Sampled: **08/07/09 13:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	9081103	08/11/09	08/12/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **08/07/09 13:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		123 %	74.3-129		"	"	"	"	
Surrogate: Toluene-d8		101 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.5 %	83.5-115		"	"	"	"	

Summit Scientific

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

Project: PDC - Millage 13-3D  
Project Number: KMG 09013  
Project Manager: John Cocroft

Reported:  
08/12/09 18:25

## 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 9081103 - EPA 5030 Water MS

##### Blank (9081103-BLK1)

Prepared: 08/11/09 Analyzed: 08/12/09

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	14.6		"	13.3	110	74.3-129				
Surrogate: Toluene-d8	12.8		"	13.3	96.2	87.7-110				
Surrogate: 4-Bromofluorobenzene	12.6		"	13.3	94.7	83.5-115				

##### LCS (9081103-BS1)

Prepared: 08/11/09 Analyzed: 08/12/09

Benzene	34.3	1.0	ug/l	33.3	103	70-114				
Toluene	37.2	1.0	"	33.3	112	72.7-116				
Surrogate: 1,2-Dichloroethane-d4	15.8		"	13.3	119	74.3-129				
Surrogate: Toluene-d8	13.4		"	13.3	101	87.7-110				
Surrogate: 4-Bromofluorobenzene	12.7		"	13.3	95.5	83.5-115				

##### LCS Dup (9081103-BSD1)

Prepared: 08/11/09 Analyzed: 08/12/09

Benzene	33.6	1.0	ug/l	33.3	101	70-114	2.06	8.14		
Toluene	35.9	1.0	"	33.3	108	72.7-116	3.56	7.88		
Surrogate: 1,2-Dichloroethane-d4	14.5		"	13.3	109	74.3-129				
Surrogate: Toluene-d8	13.3		"	13.3	100	87.7-110				
Surrogate: 4-Bromofluorobenzene	12.7		"	13.3	95.5	83.5-115				

##### Matrix Spike (9081103-MS1)

Source: R908035-02

Prepared: 08/11/09 Analyzed: 08/12/09

Benzene	34.0	1.0	ug/l	33.3	ND	102	66.8-117			
Toluene	37.0	1.0	"	33.3	ND	111	71.5-117			
Surrogate: 1,2-Dichloroethane-d4	16.5		"	13.3		124	74.3-129			
Surrogate: Toluene-d8	13.4		"	13.3		101	87.7-110			
Surrogate: 4-Bromofluorobenzene	12.7		"	13.3		95.5	83.5-115			

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

Project: PDC - Millage 13-3D

Project Number: KMG 09013  
Project Manager: John Cocroft

Reported:  
08/12/09 18:25

**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 9081103 - EPA 5030 Water MS**

Matrix Spike Dup (9081103-MSD1)		Source: R908035-02		Prepared: 08/11/09		Analyzed: 08/12/09				
Benzene	29.1	1.0	ug/l	33.3	ND	87.4	66.8-117	15.5	17.8	
Toluene	28.9	1.0	"	33.3	ND	86.8	71.5-117	24.6	14.4	
Surrogate: 1,2-Dichloroethane-d4	16.9		"	13.3		127	74.3-129			
Surrogate: Toluene-d8	12.2		"	13.3		91.7	87.7-110			
Surrogate: 4-Bromofluorobenzene	13.1		"	13.3		98.5	83.5-115			

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

Project: PDC - Millage 13-3D

Project Number: KMG 09013  
Project Manager: John Cocroft

**Reported:**  
08/12/09 18:25

### 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

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

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