

# Summit Scientific

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741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

February 03, 2009

John Cocroft  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: KMG - Weigandt 43-3

Enclosed are the results of analyses for samples received by Summit Scientific on 02/02/09 16:44. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Ben Shrewsbury  
Vice President / Laboratory Director

S<sub>2</sub>

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

Project: KMG - Weigandt 43-3

Project Number: KMG  
Project Manager: John Cocroft

Reported:  
02/03/09 13:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W01@6'	R902004-01	Soil	02/02/09 11:30	02/02/09 16:44
B01@8'	R902004-02	Soil	02/02/09 11:40	02/02/09 16:44

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.*





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

Project: KMG - Weigandt 43-3

Project Number: KMG  
Project Manager: John Cocroft

Reported:  
02/03/09 13:40

W01@6'  
R902004-01 (Soil)

Summit Scientific

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 02/02/09 11:30

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C6-C10 (TEPH-GRO)	75	50		mg/kg	1	9020210	02/02/09	02/02/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	430	50		"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50		"	"	"	"	"	"	
C6-C36 Total TEPH	510	50		"	"	"	"	"	"	

Date Sampled: 02/02/09 11:30

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: <i>o</i> -Terphenyl		102 %		77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		117 %		73.9-120		"	"	"	"	

Summit Scientific

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S<sub>2</sub>

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

Project: KMG - Weigandt 43-3

Project Number: KMG  
Project Manager: John Cocroft

Reported:  
02/03/09 13:40

**B01@8'**  
**R902004-02 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 02/02/09 11:40

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	9020210	02/02/09	02/02/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	ND	50	"	"	"	"	"	"	

Date Sampled: 02/02/09 11:40

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		106 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		120 %	73.9-120		"	"	"	"	

Summit Scientific

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LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: KMG - Weigandt 43-3 Project Number: KMG Project Manager: John Cocroft	Reported: 02/03/09 13:40
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**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 9020210 - EPA 3550A**

<b>Blank (9020210-BLK1)</b>				Prepared & Analyzed: 02/02/09						
C6-C10 (TEPH-GRO)	ND	50	mg/kg							
C10-C28 (TEPH-DRO)	ND	50	"							
C28-C36 (TEPH-ORO)	ND	50	"							
C6-C36 Total TEPH	ND	50	"							
<b>LCS (9020210-BS1)</b>				Prepared & Analyzed: 02/02/09						
C10-C28 (TEPH-DRO)	545	50	mg/kg	500	109	83.3-127				
<b>LCS (9020210-BS2)</b>				Prepared & Analyzed: 02/02/09						
C6-C10 (TEPH-GRO)	524	50	mg/kg	519	101	70-130				
<b>LCS Dup (9020210-BSD1)</b>				Prepared & Analyzed: 02/02/09						
C10-C28 (TEPH-DRO)	433	50	mg/kg	500	86.6	83.3-127	22.9	15		
<b>LCS Dup (9020210-BSD2)</b>				Prepared & Analyzed: 02/02/09						
C6-C10 (TEPH-GRO)	548	50	mg/kg	519	106	70-130	4.48	20		
<b>Matrix Spike (9020210-MS1)</b>				Source: R902003-01		Prepared: 02/02/09 Analyzed: 02/03/09				
C10-C28 (TEPH-DRO)	3120	50	mg/kg	500	1300	364	75.8-126			QM-4X
<b>Matrix Spike (9020210-MS2)</b>				Source: R902003-01		Prepared: 02/02/09 Analyzed: 02/03/09				
C6-C10 (TEPH-GRO)	1180	50	mg/kg	519	410	148	70-130			QM-4X
<b>Matrix Spike Dup (9020210-MSD1)</b>				Source: R902003-01		Prepared: 02/02/09 Analyzed: 02/03/09				
C10-C28 (TEPH-DRO)	2030	50	mg/kg	500	1300	146	75.8-126	42.3	13.6	QM-4X
<b>Matrix Spike Dup (9020210-MSD2)</b>				Source: R902003-01		Prepared: 02/02/09 Analyzed: 02/03/09				
C6-C10 (TEPH-GRO)	1360	50	mg/kg	519	410	183	70-130	14.2	20	QM-4X

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

Project: KMG - Weigandt 43-3

Project Number: KMG  
Project Manager: John Cocroft

Reported:  
02/03/09 13:40

### Notes and Definitions

- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- 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 ♦ 303.374.5933 - fax

February 05, 2009

John Cocroft  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: KMG - Weigandt 43-3

Enclosed are the results of analyses for samples received by Summit Scientific on 02/04/09 17:13. 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', written in a cursive style.

Ben Shrewsbury  
Vice President / Laboratory Director

S<sub>2</sub>

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

Project: KMG - Weigandt 43-3

Project Number: KMG09463  
Project Manager: John Cocroft

Reported:  
02/05/09 09:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
N01@6'	R902014-01	Soil	02/04/09 14:50	02/04/09 17:13
E01@6'	R902014-02	Soil	02/04/09 15:00	02/04/09 17:13
S01@6'	R902014-03	Soil	02/04/09 15:10	02/04/09 17:13

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

Project: KMG - Weigandt 43-3

Project Number: KMG09463  
Project Manager: John Cocroft

Reported:  
02/05/09 09:29

N01@6'  
R902014-01 (Soil)

Summit Scientific

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 02/04/09 14:50

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C6-C10 (TEPH-GRO)	1500	50	mg/kg	1	9020407	02/04/09	02/04/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	1700	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	3200	50	"	"	"	"	"	"	

Date Sampled: 02/04/09 14:50

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		104 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		98.8 %	73.9-120		"	"	"	"	

Summit Scientific

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

Project: KMG - Weigandt 43-3

Project Number: KMG09463  
Project Manager: John Cocroft

Reported:  
02/05/09 09:29

**E01@6'**  
**R902014-02 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 02/04/09 15:00

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C6-C10 (TEPH-GRO)	2400	50		mg/kg	1	9020407	02/04/09	02/04/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	2500	50		"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50		"	"	"	"	"	"	
C6-C36 Total TEPH	4900	50		"	"	"	"	"	"	

Date Sampled: 02/04/09 15:00

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl		108 %		77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		99.5 %		73.9-120		"	"	"	"	

Summit Scientific

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

Project: KMG - Weigandt 43-3

Project Number: KMG09463  
Project Manager: John Cocroft

Reported:  
02/05/09 09:29

**S01@6'**  
**R902014-03 (Soil)**

Summit Scientific

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 02/04/09 15:10

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C6-C10 (TEPH-GRO)	140	50		mg/kg	1	9020407	02/04/09	02/05/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	360	50		"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50		"	"	"	"	"	"	
C6-C36 Total TEPH	500	50		"	"	"	"	"	"	

Date Sampled: 02/04/09 15:10

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl		104 %		77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		114 %		73.9-120		"	"	"	"	

Summit Scientific

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LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: KMG - Weigandt 43-3 Project Number: KMG09463 Project Manager: John Cocroft	Reported: 02/05/09 09:29
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**Extractable Petroleum Hydrocarbons by 8015 - Quality Control**  
**Summit Scientific**

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

**Batch 9020407 - EPA 3550A**

<b>Blank (9020407-BLK1)</b>			Prepared: 02/04/09 Analyzed: 02/05/09							
C6-C10 (TEPH-GRO)	ND	50	mg/kg							
C10-C28 (TEPH-DRO)	ND	50	"							
C28-C36 (TEPH-ORO)	ND	50	"							
C6-C36 Total TEPH	ND	50	"							
<b>LCS (9020407-BS1)</b>			Prepared: 02/04/09 Analyzed: 02/05/09							
C10-C28 (TEPH-DRO)	601	50	mg/kg	500	120	83.3-127				
<b>LCS (9020407-BS2)</b>			Prepared: 02/04/09 Analyzed: 02/05/09							
C6-C10 (TEPH-GRO)	502	50	mg/kg	519	96.7	70-130				
<b>LCS Dup (9020407-BSD1)</b>			Prepared: 02/04/09 Analyzed: 02/05/09							
C10-C28 (TEPH-DRO)	522	50	mg/kg	500	104	83.3-127	14.1	15		
<b>LCS Dup (9020407-BSD2)</b>			Prepared: 02/04/09 Analyzed: 02/05/09							
C6-C10 (TEPH-GRO)	526	50	mg/kg	519	101	70-130	4.67	20		
<b>Matrix Spike (9020407-MS1)</b>			<b>Source: R902012-01</b>		Prepared: 02/04/09 Analyzed: 02/05/09					
C10-C28 (TEPH-DRO)	656	50	mg/kg	500	220	87.2	75.8-126			
<b>Matrix Spike (9020407-MS2)</b>			<b>Source: R902012-01</b>		Prepared: 02/04/09 Analyzed: 02/05/09					
C6-C10 (TEPH-GRO)	524	50	mg/kg	519	ND	101	70-130			
C10-C28 (TEPH-DRO)	105	50	"		220	75.8-126				
<b>Matrix Spike Dup (9020407-MSD1)</b>			<b>Source: R902012-01</b>		Prepared: 02/04/09 Analyzed: 02/05/09					
C10-C28 (TEPH-DRO)	649	50	mg/kg	500	220	85.8	75.8-126	1.07	13.6	
<b>Matrix Spike Dup (9020407-MSD2)</b>			<b>Source: R902012-01</b>		Prepared: 02/04/09 Analyzed: 02/05/09					
C6-C10 (TEPH-GRO)	515	50	mg/kg	519	ND	99.2	70-130	1.73	20	

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

Project: KMG - Weigandt 43-3

Project Number: KMG09463  
Project Manager: John Cocroft

Reported:  
02/05/09 09:29

### 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

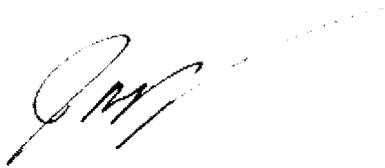
303.277.9310 - laboratory ♦ 303.374.5933 - fax

February 09, 2009

John Cocroft  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: KMG - Weigandt 43-3

Enclosed are the results of analyses for samples received by Summit Scientific on 02/06/09 16:53. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Ben Shrewsbury  
Vice President / Laboratory Director

S<sub>2</sub>

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

Project: KMG - Weigandt 43-3

Project Number: KMG 09463  
Project Manager: John Cocroft

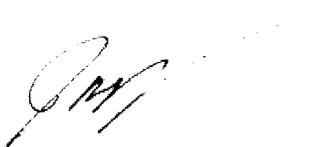
Reported:  
02/09/09 08:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
N02@6'	R902030-01	Soil	02/06/09 10:45	02/06/09 16:53
E02@6'	R902030-02	Soil	02/06/09 10:50	02/06/09 16:53

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

Project: KMG - Weigandt 43-3

Project Number: KMG 09463  
Project Manager: John Cocroft

Reported:  
02/09/09 08:37

N02@6'  
R902030-01 (Soil)

Summit Scientific

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 02/06/09 10:45

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C6-C10 (TEPH-GRO)	3000	50	mg/kg	1	9020701	02/07/09	02/07/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	2700	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	5600	50	"	"	"	"	"	"	

Date Sampled: 02/06/09 10:45

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		115 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		101 %	73.9-120		"	"	"	"	

Summit Scientific

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

Project: KMG - Weigandt 43-3

Project Number: KMG 09463  
Project Manager: John Cocroft

Reported:  
02/09/09 08:37

**E02@6'**  
**R902030-02 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 02/06/09 10:50

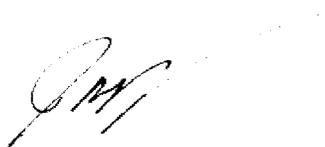
Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>C6-C10 (TEPH-GRO)</b>	<b>310</b>	50		mg/kg	1	9020701	02/07/09	02/07/09	8015 Full Carbon Chain	
<b>C10-C28 (TEPH-DRO)</b>	<b>340</b>	50		"	"	"	"	"	"	
<b>C28-C36 (TEPH-ORO)</b>	<b>ND</b>	50		"	"	"	"	"	"	
<b>C6-C36 Total TEPH</b>	<b>660</b>	50		"	"	"	"	"	"	

Date Sampled: 02/06/09 10:50

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<i>Surrogate: o-Terphenyl</i>		104 %		77.7-123		"	"	"	"	
<i>Surrogate: Trifluorotoluene</i>		112 %		73.9-120		"	"	"	"	

Summit Scientific

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S<sub>2</sub>

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

Project: KMG - Weigandt 43-3

Project Number: KMG 09463  
Project Manager: John Cocroft

Reported:  
02/09/09 08:37

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

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

**Batch 9020701 - EPA 3550A**

<b>Blank (9020701-BLK1)</b>									
Prepared & Analyzed: 02/07/09									
C6-C10 (TEPH-GRO)	ND	50	mg/kg						
C10-C28 (TEPH-DRO)	ND	50	"						
C28-C36 (TEPH-ORO)	ND	50	"						
C6-C36 Total TEPH	ND	50	"						

<b>LCS (9020701-BS1)</b>									
Prepared & Analyzed: 02/07/09									
C6-C10 (TEPH-GRO)	ND	50	mg/kg				70-130		
C10-C28 (TEPH-DRO)	528	50	"	500		106	83.3-127		

<b>LCS (9020701-BS2)</b>									
Prepared & Analyzed: 02/07/09									
C6-C10 (TEPH-GRO)	576	50	mg/kg	519		111	70-130		
C10-C28 (TEPH-DRO)	ND	50	"				83.3-127		

<b>LCS Dup (9020701-BSD1)</b>									
Prepared & Analyzed: 02/07/09									
C6-C10 (TEPH-GRO)	ND	50	mg/kg				70-130		20
C10-C28 (TEPH-DRO)	531	50	"	500		106	83.3-127	0.567	15

<b>LCS Dup (9020701-BSD2)</b>									
Prepared & Analyzed: 02/07/09									
C6-C10 (TEPH-GRO)	557	50	mg/kg	519		107	70-130	3.35	20
C10-C28 (TEPH-DRO)	ND	50	"				83.3-127		15

<b>Matrix Spike (9020701-MS1)</b>									
Source: R902030-01      Prepared & Analyzed: 02/07/09									
C6-C10 (TEPH-GRO)	4050	50	mg/kg		3000		70-130		
C10-C28 (TEPH-DRO)	4310	50	"	500	2700	322	75.8-126		QM-4X

<b>Matrix Spike (9020701-MS2)</b>									
Source: R902030-01      Prepared & Analyzed: 02/07/09									
C6-C10 (TEPH-GRO)	3500	50	mg/kg	519	3000	96.3	70-130		
C10-C28 (TEPH-DRO)	2750	50	"		2700		75.8-126		

Summit Scientific

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S<sub>2</sub>

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

Project: KMG - Weigandt 43-3

Project Number: KMG 09463  
Project Manager: John Cocroft

Reported:  
02/09/09 08:37

**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 9020701 - EPA 3550A**

<b>Matrix Spike Dup (9020701-MSD1)</b>		<b>Source: R902030-01</b>			<b>Prepared &amp; Analyzed: 02/07/09</b>						
C6-C10 (TEPH-GRO)	3630	50	mg/kg	3000	70-130	10.9	20				
C10-C28 (TEPH-DRO)	4070	50	"	500	2700	274	75.8-126	5.73	13.6		QM-4X
<b>Matrix Spike Dup (9020701-MSD2)</b>		<b>Source: R902030-01</b>			<b>Prepared &amp; Analyzed: 02/07/09</b>						
C6-C10 (TEPH-GRO)	3550	50	mg/kg	519	3000	106	70-130	1.42	20		
C10-C28 (TEPH-DRO)	2700	50	"	2700	75.8-126	1.83	13.6				

Summit Scientific

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S<sub>2</sub>

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

Project: KMG - Weigandt 43-3

Project Number: KMG 09463  
Project Manager: John Cocroft

Reported:  
02/09/09 08:37

### Notes and Definitions

- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- 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

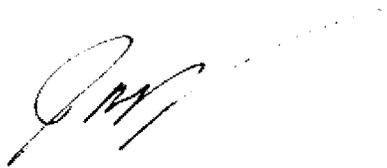
303.277.9310 - laboratory ♦ 303.374.5933 - fax

February 11, 2009

John Cocroft  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: KMG - Weigandt 43-3

Enclosed are the results of analyses for samples received by Summit Scientific on 02/10/09 17:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Ben Shrewsbury  
Vice President / Laboratory Director

S<sub>2</sub>

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

Project: KMG - Weigandt 43-3

Project Number: KMG 09463  
Project Manager: John Cocroft

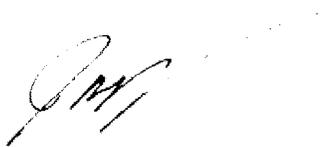
Reported:  
02/11/09 08:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
N03@6'	R902037-01	Soil	02/10/09 10:30	02/10/09 17:05
E03@6'	R902037-02	Soil	02/10/09 10:40	02/10/09 17:05
W02@6'	R902037-03	Soil	02/10/09 10:50	02/10/09 17:05
B02@8'	R902037-04	Soil	02/10/09 11:00	02/10/09 17:05

Summit Scientific

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LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: KMG - Weigandt 43-3 Project Number: KMG 09463 Project Manager: John Cocroft	Reported: 02/11/09 08:35
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N03@6'  
R902037-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 02/10/09 10:30

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	9021001	02/10/09	02/10/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	ND	50	"	"	"	"	"	"	

Date Sampled: 02/10/09 10:30

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		105 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		123 %	73.9-120		"	"	"	"	

Summit Scientific

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

Project: KMG - Weigandt 43-3

Project Number: KMG 09463  
Project Manager: John Cocroft

Reported:  
02/11/09 08:35

**E03@6'**  
**R902037-02 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 02/10/09 10:40

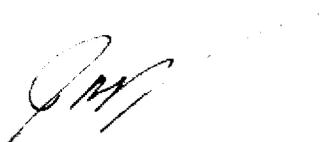
Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>C6-C10 (TEPH-GRO)</b>	<b>53</b>	50		mg/kg	1	9021001	02/10/09	02/10/09	8015 Full Carbon Chain	
<b>C10-C28 (TEPH-DRO)</b>	<b>150</b>	50		"	"	"	"	"	"	
<b>C28-C36 (TEPH-ORO)</b>	<b>ND</b>	50		"	"	"	"	"	"	
<b>C6-C36 Total TEPH</b>	<b>210</b>	50		"	"	"	"	"	"	

Date Sampled: 02/10/09 10:40

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<i>Surrogate: o-Terphenyl</i>		104 %		77.7-123		"	"	"	"	
<i>Surrogate: Trifluorotoluene</i>		118 %		73.9-120		"	"	"	"	

Summit Scientific

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

Project: KMG - Weigandt 43-3

Project Number: KMG 09463  
Project Manager: John Cocroft

Reported:  
02/11/09 08:35

**W02@6'**  
**R902037-03 (Soil)**

Summit Scientific

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 02/10/09 10:50

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C6-C10 (TEPH-GRO)	81	50		mg/kg	1	9021001	02/10/09	02/10/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	330	50		"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50		"	"	"	"	"	"	
C6-C36 Total TEPH	410	50		"	"	"	"	"	"	

Date Sampled: 02/10/09 10:50

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl		103 %		77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		118 %		73.9-120		"	"	"	"	

Summit Scientific

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

Project: KMG - Weigandt 43-3

Project Number: KMG 09463  
Project Manager: John Cocroft

Reported:  
02/11/09 08:35

**B02@8'**  
**R902037-04 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 02/10/09 11:00

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C6-C10 (TEPH-GRO)	ND	50		mg/kg	1	9021001	02/10/09	02/10/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50		"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50		"	"	"	"	"	"	
C6-C36 Total TEPH	ND	50		"	"	"	"	"	"	

Date Sampled: 02/10/09 11:00

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: <i>o</i> -Terphenyl		101 %		77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		124 %		73.9-120		"	"	"	"	

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

Project: KMG - Weigandt 43-3

Project Number: KMG 09463  
Project Manager: John Cocroft

Reported:  
02/11/09 08:35

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

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

**Batch 9021001 - EPA 3550A**

**Blank (9021001-BLK1)**

Prepared: 02/10/09 Analyzed: 02/11/09

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

**LCS (9021001-BS1)**

Prepared & Analyzed: 02/10/09

C6-C10 (TEPH-GRO)	485	50	mg/kg	519	93.4	70-130			
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**LCS (9021001-BS2)**

Prepared: 02/10/09 Analyzed: 02/11/09

C10-C28 (TEPH-DRO)	489	50	mg/kg	500	97.8	83.3-127			
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**LCS Dup (9021001-BSD1)**

Prepared & Analyzed: 02/10/09

C6-C10 (TEPH-GRO)	537	50	mg/kg	519	103	70-130	10.2	20	
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**LCS Dup (9021001-BSD2)**

Prepared: 02/10/09 Analyzed: 02/11/09

C10-C28 (TEPH-DRO)	497	50	mg/kg	500	99.4	83.3-127	1.62	15	
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**Matrix Spike (9021001-MS1)**

Source: R902023-01

Prepared: 02/10/09 Analyzed: 02/11/09

C6-C10 (TEPH-GRO)	565	50	mg/kg	519	ND	109	70-130		
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**Matrix Spike (9021001-MS2)**

Source: R902023-01

Prepared: 02/10/09 Analyzed: 02/11/09

C10-C28 (TEPH-DRO)	525	50	mg/kg	500	ND	105	75.8-126		
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**Matrix Spike Dup (9021001-MSD1)**

Source: R902023-01

Prepared: 02/10/09 Analyzed: 02/11/09

C6-C10 (TEPH-GRO)	564	50	mg/kg	519	ND	109	70-130	0.177	20
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**Matrix Spike Dup (9021001-MSD2)**

Source: R902023-01

Prepared: 02/10/09 Analyzed: 02/11/09

C10-C28 (TEPH-DRO)	519	50	mg/kg	500	ND	104	75.8-126	1.15	13.6
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LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada CO, 80003

Project: KMG - Weigandt 43-3

Project Number: KMG 09463  
Project Manager: John Cocroft

Reported:  
02/11/09 08:35

### 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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