

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

January 12, 2009

John Cocroft

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: KMG - Edward Hemple UT #1

Enclosed are the results of analyses for samples received by Summit Scientific on 01/09/09 16:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ben Shrewsbury', with a long, sweeping flourish extending to the right.

Ben Shrewsbury

Vice President / Laboratory Director

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

Project: KMG - Edward Hemple UT #1

Project Number: KMG 08451
 Project Manager: John Cocroft

Reported:
 01/12/09 10:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GW01	R901047-01	Water	01/09/09 13:00	01/09/09 16:45
W01@5'	R901047-03	Soil	01/09/09 12:35	01/09/09 16:45
E01@5'	R901047-05	Soil	01/09/09 12:45	01/09/09 16:45
S01@5'	R901047-06	Soil	01/09/09 12:50	01/09/09 16:45
S02@5'	R901047-07	Soil	01/09/09 12:55	01/09/09 16:45



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

Project: KMG - Edward Hemple UT #1

Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/12/09 10:39

Summit Scientific 2901047

741 Corporate Circle Suite 1 • 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: Phillip Healy

Project Manager: John Cocroft
E-Mail: jcocroft@leenv.com
Project Name: Hemple Edward UT #1
Project Number: KMG-08451

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:				Special Instructions		
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	Total Carbon Chain	BTEX	Turn Around Time (Check)	Notes			
GW01	1-9-09	1200	2	X				X										
N0105'	1-9-09	1230	1					X										
M0105'	1-9-09	1235	1					X										
N0205'	1-9-09	1240	1					X										
E0105'	1-9-09	1245	1					X										
S0105'	1-9-09	1250	1					X										
S0205'	1-9-09	1255	1					X										
Relinquished by:	Date/Time:	1-9-09 / 1645		Received by:	Date/Time:			Received by:	Date/Time:			Turn Around Time (Check)	Notes:					
Relinquished by:	Date/Time:			Received by:	Date/Time:			Received in Lab by:	Date/Time:			Same Day	72 Hours					
Relinquished by:	Date/Time:			Received in Lab by:	Date/Time:			Received in Lab by:	Date/Time:			24 Hours	Standard					
				Received in Lab by:	Date/Time:			Received in Lab by:	Date/Time:			48 Hours						
				Received in Lab by:	Date/Time:			Received in Lab by:	Date/Time:			Sample Integrity:	Temperature Upon Receipt:					
				Received in Lab by:	Date/Time:			Received in Lab by:	Date/Time:			Intact:	Intact:					

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

Project: KMG - Edward Hemple UT #1
Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/12/09 10:39

GW01
R901047-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/09/09 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	890	20	ug/l	20	9010903	01/09/09	01/12/09	EPA 8260B	
Toluene	1600	20	"	"	"	"	"	"	
Ethylbenzene	140	1.0	"	1	"	"	"	"	
Xylenes (total)	2700	20	"	20	"	"	"	"	

Date Sampled: **01/09/09 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.5 %	77.3-121		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %	91.4-107		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		99.2 %	85.3-109		"	"	"	"	

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: KMG - Edward Hemple UT #1

Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/12/09 10:39

W01@5'
R901047-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/09/09 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	310	50	mg/kg	1	9011001	01/10/09	01/10/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	120	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	420	50	"	"	"	"	"	"	

Date Sampled: **01/09/09 12:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		94.8 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		75.2 %	73.9-116		"	"	"	"	

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

Project: KMG - Edward Hemple UT #1

Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/12/09 10:39

E01@5'
R901047-05 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/09/09 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	300	50	mg/kg	1	9011001	01/10/09	01/10/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	130	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	440	50	"	"	"	"	"	"	

Date Sampled: **01/09/09 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		92.4 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		72.6 %	73.9-116		"	"	"	"	

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4600 West 60th Avenue
Arvada CO, 80003

Project: KMG - Edward Hemple UT #1

Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/12/09 10:39

S01@5'
R901047-06 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/09/09 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	50	50	mg/kg	1	9011001	01/10/09	01/10/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	50	50	"	"	"	"	"	"	

Date Sampled: **01/09/09 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		93.0 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		67.1 %	73.9-116		"	"	"	"	

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

Project: KMG - Edward Hemple UT #1

Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/12/09 10:39

S02@5'
R901047-07 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/09/09 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	9011001	01/10/09	01/10/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	ND	50	"	"	"	"	"	"	

Date Sampled: **01/09/09 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		93.0 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		69.1 %	73.9-116		"	"	"	"	

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Arvada CO, 80003

Project: KMG - Edward Hemple UT #1

Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/12/09 10:39

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 9011001 - EPA 5030 Soil GC

Blank (9011001-BLK1)

Prepared: 01/10/09 Analyzed: 01/11/09

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 (9011001-BS1)

Prepared: 01/10/09 Analyzed: 01/11/09

C10-C28 (TEPH-DRO)	442	50	mg/kg	500	99	88.4	83.3-127			
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LCS Dup (9011001-BSD1)

Prepared: 01/10/09 Analyzed: 01/11/09

C10-C28 (TEPH-DRO)	413	50	mg/kg	500	99	82.6	83.3-127	6.78	15	
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Matrix Spike (9011001-MS1)

Source: R901040-01

Prepared: 01/10/09 Analyzed: 01/11/09

C10-C28 (TEPH-DRO)	507	50	mg/kg	500	99	81.6	75.8-126			
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Matrix Spike Dup (9011001-MSD1)

Source: R901040-01

Prepared: 01/10/09 Analyzed: 01/11/09

C10-C28 (TEPH-DRO)	509	50	mg/kg	500	99	82.0	75.8-126	0.394	13.6	
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Arvada CO, 80003

Project: KMG - Edward Hemple UT #1
Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/12/09 10:39

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 9010903 - EPA 5030 Water MS

Blank (9010903-BLK1)

Prepared: 01/09/09 Analyzed: 01/10/09

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>77.3-121</i>				
<i>Surrogate: Toluene-d8</i>	<i>13.4</i>		<i>"</i>	<i>13.3</i>		<i>101</i>	<i>91.4-107</i>				
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>12.4</i>		<i>"</i>	<i>13.3</i>		<i>93.2</i>	<i>85.3-109</i>				

LCS (9010903-BS1)

Prepared: 01/09/09 Analyzed: 01/10/09

Benzene	24.3	1.0	ug/l	33.3		73.0	70-114				
Toluene	27.0	1.0	"	33.3		81.1	72.7-116				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>13.8</i>		<i>"</i>	<i>13.3</i>		<i>104</i>	<i>77.3-121</i>				
<i>Surrogate: Toluene-d8</i>	<i>13.6</i>		<i>"</i>	<i>13.3</i>		<i>102</i>	<i>91.4-107</i>				
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>12.6</i>		<i>"</i>	<i>13.3</i>		<i>94.7</i>	<i>85.3-109</i>				

LCS Dup (9010903-BSD1)

Prepared: 01/09/09 Analyzed: 01/10/09

Benzene	25.4	1.0	ug/l	33.3		76.3	70-114	4.43	8.14		
Toluene	27.9	1.0	"	33.3		83.8	72.7-116	3.28	7.88		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>13.6</i>		<i>"</i>	<i>13.3</i>		<i>102</i>	<i>77.3-121</i>				
<i>Surrogate: Toluene-d8</i>	<i>13.2</i>		<i>"</i>	<i>13.3</i>		<i>99.2</i>	<i>91.4-107</i>				
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>12.3</i>		<i>"</i>	<i>13.3</i>		<i>92.5</i>	<i>85.3-109</i>				

Matrix Spike (9010903-MS1)

Source: R901039-02

Prepared: 01/09/09 Analyzed: 01/10/09

Benzene	27.6	1.0	ug/l	33.3	ND	82.9	66.8-117				
Toluene	30.2	1.0	"	33.3	ND	90.7	71.5-117				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>13.7</i>		<i>"</i>	<i>13.3</i>		<i>103</i>	<i>77.3-121</i>				
<i>Surrogate: Toluene-d8</i>	<i>13.3</i>		<i>"</i>	<i>13.3</i>		<i>100</i>	<i>91.4-107</i>				
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>12.2</i>		<i>"</i>	<i>13.3</i>		<i>91.7</i>	<i>85.3-109</i>				

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

Project: KMG - Edward Hemple UT #1

Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/12/09 10:39

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

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

January 14, 2009

John Cocroft

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: KMG - Edward Hemple UT #1

Enclosed are the results of analyses for samples received by Summit Scientific on 01/13/09 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 read 'Ben Shrewsbury', with a long, sweeping horizontal stroke extending to the right.

Ben Shrewsbury

Vice President / Laboratory Director

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

Project: KMG - Edward Hemple UT #1

Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/14/09 09:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
N01@5'	R901055-01	Soil	01/13/09 13:15	01/13/09 16:44

Sample Description <i>N01@5'</i>	Date Sampled <i>1-13-09</i>	Time Sampled <i>13:15</i>	Number of Containers <i>1</i>	Preservative HCl HNO ₃ None Other (Specify)	Matrix Groundwater Soil Air - Canister Serial # Other (Specify)	Analyze For: Total Carbon Chain BTEX	Special Instructions
Requisitioned by:	Date/Time:	Received by:	Date/Time:	Turn Around Time (Check) Same Day <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 72 Hours <input type="checkbox"/> Standard <input type="checkbox"/>	Notes:		
Requisitioned by:	Date/Time:	Received in Lab by:	Date/Time:	Sample Integrity: Temperature Upon Receipt: <i>4°C</i> Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			

www.szscientific.com

Client: LT Environmental, Inc.
Address: 4600 West 60th Avenue
City/State/Zip: Arvada, CO 80003
Phone: (303) 433-9788
Project Name: *Hemple Edward*
Project Number: *KMG08451*

Project Manager: John Cocroft
E-Mail: *jcocroft@ltenv.com*

Sampler Name: *Philip Hest*

Summit Scientific
741 Corporate Circle Suite 1 • Golden, Colorado 80401
303-277-9310 • 303-277-9331 Fax
S₂
R901055

Page 1 of 1



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

Project: KMG - Edward Hemple UT #1

Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/14/09 09:03

N01@5'
R901055-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/13/09 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	9011304	01/13/09	01/13/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	ND	50	"	"	"	"	"	"	

Date Sampled: **01/13/09 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		92.8 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		74.5 %	73.9-116		"	"	"	"	

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Project: KMG - Edward Hemple UT #1

Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/14/09 09:03

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 9011304 - EPA 3550A

Blank (9011304-BLK1)

Prepared: 01/13/09 Analyzed: 01/14/09

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 (9011304-BS1)

Prepared: 01/13/09 Analyzed: 01/14/09

C10-C28 (TEPH-DRO)	452	50	mg/kg	500	90.4	83.3-127				
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LCS Dup (9011304-BSD1)

Prepared: 01/13/09 Analyzed: 01/14/09

C10-C28 (TEPH-DRO)	401	50	mg/kg	500	80.2	83.3-127	12.0	15		
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Matrix Spike (9011304-MS1)

Source: R901049-01

Prepared: 01/13/09 Analyzed: 01/14/09

C10-C28 (TEPH-DRO)	471	50	mg/kg	500	ND	94.2	75.8-126			
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Matrix Spike Dup (9011304-MSD1)

Source: R901049-01

Prepared: 01/13/09 Analyzed: 01/14/09

C10-C28 (TEPH-DRO)	481	50	mg/kg	500	ND	96.2	75.8-126	2.10	13.6	
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Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/14/09 09:03

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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January 16, 2009

John Cocroft

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: KMG - Edward Hemple UT #1

Enclosed are the results of analyses for samples received by Summit Scientific on 01/15/09 19:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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Ben Shrewsbury

Vice President / Laboratory Director

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

Project: KMG - Edward Hemple UT #1

Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/16/09 09:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
E02@5'	R901068-01	Soil	01/15/09 15:40	01/15/09 19:20
N02@5'	R901068-02	Soil	01/15/09 15:35	01/15/09 19:20

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Project: KMG - Edward Hemple UT #1

Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/16/09 09:05

E02@5'
R901068-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/15/09 15:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	640	50	mg/kg	1	9011505	01/15/09	01/15/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	150	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	790	50	"	"	"	"	"	"	

Date Sampled: **01/15/09 15:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		99.4 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		108 %	73.9-116		"	"	"	"	

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: KMG - Edward Hemple UT #1

Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/16/09 09:05

N02@5'
R901068-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/15/09 15:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	9011505	01/15/09	01/16/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	ND	50	"	"	"	"	"	"	

Date Sampled: **01/15/09 15:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		101 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		111 %	73.9-116		"	"	"	"	

Summit Scientific

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

Project: KMG - Edward Hemple UT #1

Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/16/09 09:05

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 9011505 - EPA 3550A

Blank (9011505-BLK1)

Prepared: 01/15/09 Analyzed: 01/16/09

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 (9011505-BS1)

Prepared: 01/15/09 Analyzed: 01/16/09

C10-C28 (TEPH-DRO)	463	50	mg/kg	500		92.6	83.3-127			
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LCS Dup (9011505-BSD1)

Prepared: 01/15/09 Analyzed: 01/16/09

C10-C28 (TEPH-DRO)	469	50	mg/kg	500		93.8	83.3-127	1.29	15	
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Matrix Spike (9011505-MS1)

Source: R901069-01

Prepared: 01/15/09 Analyzed: 01/16/09

C10-C28 (TEPH-DRO)	1230	50	mg/kg	500	510	144	75.8-126			QM-06
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Matrix Spike Dup (9011505-MSD1)

Source: R901069-01

Prepared: 01/15/09 Analyzed: 01/16/09

C10-C28 (TEPH-DRO)	1300	50	mg/kg	500	510	158	75.8-126	5.53	13.6	QM-06
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Summit Scientific

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

Project: KMG - Edward Hemple UT #1

Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/16/09 09:05

Notes and Definitions

- QM-06 Due to noted non-homogeneity of the QC sample matrix, the MS/MSD did not provide reliable results for accuracy and precision. Sample results for the QC batch were accepted based on LCS/LCSD percent recoveries and RPD values.
- 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

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

January 20, 2009

John Cocroft

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: KMG - Edward Hemple UT #1

Enclosed are the results of analyses for samples received by Summit Scientific on 01/19/09 16:26. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ben 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: KMG - Edward Hemple UT #1

Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/20/09 07:56

W02@5'
R901097-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **01/19/09 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	260	50	mg/kg	1	9011906	01/19/09	01/19/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	87	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	350	50	"	"	"	"	"	"	

Date Sampled: **01/19/09 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		98.4 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		102 %	73.9-120		"	"	"	"	

Summit Scientific

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

Project: KMG - Edward Hemple UT #1

Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/20/09 07:56

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 9011906 - EPA 3550A

Blank (9011906-BLK1)

Prepared & Analyzed: 01/19/09

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 (9011906-BS1)

Prepared & Analyzed: 01/19/09

C10-C28 (TEPH-DRO)	506	50	mg/kg	500		101	83.3-127			
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LCS Dup (9011906-BSD1)

Prepared & Analyzed: 01/19/09

C10-C28 (TEPH-DRO)	465	50	mg/kg	500		93.0	83.3-127	8.44	15	
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Matrix Spike (9011906-MS1)

Source: R901096-01

Prepared & Analyzed: 01/19/09

C10-C28 (TEPH-DRO)	452	50	mg/kg	500	ND	90.4	75.8-126			
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Matrix Spike Dup (9011906-MSD1)

Source: R901096-01

Prepared & Analyzed: 01/19/09

C10-C28 (TEPH-DRO)	459	50	mg/kg	500	ND	91.8	75.8-126	1.54	13.6	
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Summit Scientific

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

Project: KMG - Edward Hemple UT #1

Project Number: KMG 08451
Project Manager: John Cocroft

Reported:
01/20/09 07:56

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

