

# Summit Scientific

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741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

April 15, 2009

John Cocroft  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: KMG - HSR-Liz 5-17

Enclosed are the results of analyses for samples received by Summit Scientific on 04/09/09 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 '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: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

**Reported:**  
04/15/09 13:56

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
T01@3'	R904041-01	Soil	04/09/09 13:20	04/09/09 17:00
GW01	R904041-02	Water	04/09/09 13:40	04/09/09 17:00
GW02	R904041-03	Water	04/09/09 13:50	04/09/09 17:00

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 - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

Reported:  
04/15/09 13:56

**T01@3'**  
**R904041-01 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/09/09 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	9041004	04/10/09	04/11/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	ND	50	"	"	"	"	"	"	

Date Sampled: **04/09/09 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		115 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		104 %	73.9-120		"	"	"	"	

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

Date Sampled: **04/09/09 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>79</b>	5.0	ug/kg	1	9041005	04/10/09	04/11/09	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	

Date Sampled: **04/09/09 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane- <i>d</i> 4		117 %	77.3-121		"	"	"	"	
Surrogate: Toluene- <i>d</i> 8		93.5 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.2 %	85.3-109		"	"	"	"	

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Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
 Project Manager: John Cocroft

**Reported:**  
 04/15/09 13:56

**GW01**  
**R904041-02 (Water)**

**Summit Scientific**

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

Date Sampled: **04/09/09 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>1400</b>	20	ug/l	20	9041305	04/13/09	04/14/09	EPA 8260B	
<b>Toluene</b>	<b>5300</b>	100	"	100	"	"	"	"	
<b>Ethylbenzene</b>	<b>68</b>	1.0	"	1	"	"	04/13/09	"	
<b>Xylenes (total)</b>	<b>510</b>	1.0	"	"	"	"	"	"	

Date Sampled: **04/09/09 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		82.7 %		77.3-121	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		102 %		91.4-107	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		105 %		85.3-109	"	"	"	"	

Summit Scientific

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LT Environmental, Inc.  
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Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
 Project Manager: John Cocroft

**Reported:**  
 04/15/09 13:56

**GW02**  
**R904041-03 (Water)**

**Summit Scientific**

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

Date Sampled: **04/09/09 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>950</b>	20	ug/l	20	9041305	04/13/09	04/14/09	EPA 8260B	
<b>Toluene</b>	<b>2900</b>	20	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>64</b>	1.0	"	1	"	"	04/13/09	"	
<b>Xylenes (total)</b>	<b>480</b>	1.0	"	"	"	"	"	"	

Date Sampled: **04/09/09 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		82.0 %	77.3-121		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		102 %	91.4-107		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		106 %	85.3-109		"	"	"	"	

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Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

Reported:  
04/15/09 13:56

**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 9041005 - EPA 5030 Soil MS**

**Blank (9041005-BLK1)**

Prepared: 04/10/09 Analyzed: 04/11/09

Benzene	ND	5.0	ug/kg							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	5.0	"							
Surrogate: 1,2-Dichloroethane-d4	42.0		"	40.0	105	77.3-121				
Surrogate: Toluene-d8	37.4		"	40.0	93.5	91.4-107				
Surrogate: 4-Bromofluorobenzene	40.3		"	40.0	101	85.3-109				

**LCS (9041005-BS1)**

Prepared: 04/10/09 Analyzed: 04/11/09

Benzene	79.8	5.0	ug/kg	100	79.8	70-114				
Toluene	84.6	5.0	"	100	84.6	72.7-116				
Surrogate: 1,2-Dichloroethane-d4	45.4		"	40.0	114	77.3-121				
Surrogate: Toluene-d8	37.4		"	40.0	93.5	91.4-107				
Surrogate: 4-Bromofluorobenzene	40.4		"	40.0	101	85.3-109				

**LCS Dup (9041005-BSD1)**

Prepared: 04/10/09 Analyzed: 04/11/09

Benzene	77.6	5.0	ug/kg	100	77.6	70-114	2.80	8.14		
Toluene	83.8	5.0	"	100	83.8	72.7-116	0.950	7.88		
Surrogate: 1,2-Dichloroethane-d4	46.6		"	40.0	116	77.3-121				
Surrogate: Toluene-d8	38.3		"	40.0	95.8	91.4-107				
Surrogate: 4-Bromofluorobenzene	40.6		"	40.0	102	85.3-109				

**Matrix Spike (9041005-MS1)**

Source: R904041-01

Prepared: 04/10/09 Analyzed: 04/11/09

Benzene	124	5.0	ug/kg	100	79	45.0	66.8-117			
Toluene	86.6	5.0	"	100	ND	86.6	71.5-117			
Surrogate: 1,2-Dichloroethane-d4	51.5		"	40.0	129	77.3-121				
Surrogate: Toluene-d8	37.6		"	40.0	94.0	91.4-107				
Surrogate: 4-Bromofluorobenzene	41.2		"	40.0	103	85.3-109				

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Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

Reported:  
04/15/09 13:56

**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 9041005 - EPA 5030 Soil MS**

**Matrix Spike Dup (9041005-MSD1)**

Source: R904041-01 Prepared: 04/10/09 Analyzed: 04/11/09

Benzene	186	5.0	ug/kg	100	79	107	66.8-117	40.0	17.8
Toluene	90.8	5.0	"	100	ND	90.8	71.5-117	4.74	14.4
Surrogate: 1,2-Dichloroethane-d4	47.2		"	40.0		118	77.3-121		
Surrogate: Toluene-d8	37.9		"	40.0		94.8	91.4-107		
Surrogate: 4-Bromofluorobenzene	43.6		"	40.0		109	85.3-109		

**Batch 9041305 - EPA 5030 Water MS**

**Blank (9041305-BLK1)**

Prepared & Analyzed: 04/13/09

Benzene	ND	1.0	ug/l						
Toluene	ND	1.0	"						
Ethylbenzene	ND	1.0	"						
Xylenes (total)	ND	1.0	"						
Surrogate: 1,2-Dichloroethane-d4	11.5		"	13.3		86.5	77.3-121		
Surrogate: Toluene-d8	13.4		"	13.3		101	91.4-107		
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3		99.2	85.3-109		

**LCS (9041305-BS1)**

Prepared & Analyzed: 04/13/09

Benzene	29.3	1.0	ug/l	33.3		88.0	70-114		
Toluene	29.9	1.0	"	33.3		89.8	72.7-116		
Surrogate: 1,2-Dichloroethane-d4	11.3		"	13.3		85.0	77.3-121		
Surrogate: Toluene-d8	13.5		"	13.3		102	91.4-107		
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3		101	85.3-109		

**LCS Dup (9041305-BSD1)**

Prepared & Analyzed: 04/13/09

Benzene	28.7	1.0	ug/l	33.3		86.2	70-114	2.07	8.14
Toluene	29.4	1.0	"	33.3		88.3	72.7-116	1.69	7.88
Surrogate: 1,2-Dichloroethane-d4	11.3		"	13.3		85.0	77.3-121		
Surrogate: Toluene-d8	13.3		"	13.3		100	91.4-107		
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3		99.2	85.3-109		

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Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
 Project Manager: John Cocroft

**Reported:**  
 04/15/09 13:56

**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 9041305 - EPA 5030 Water MS**

**Matrix Spike (9041305-MS1)**

**Source: R904052-01**

Prepared & Analyzed: 04/13/09

Benzene	30.2	1.0	ug/l	33.3	ND	90.7	66.8-117			
Toluene	31.1	1.0	"	33.3	ND	93.4	71.5-117			
Surrogate: 1,2-Dichloroethane-d4	11.3		"	13.3		85.0	77.3-121			
Surrogate: Toluene-d8	13.2		"	13.3		99.2	91.4-107			
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3		100	85.3-109			

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Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

**Reported:**  
04/15/09 13:56

### 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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April 14, 2009

John Cocroft  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: KMG - HSR-Liz 5-17

Enclosed are the results of analyses for samples received by Summit Scientific on 04/13/09 16:31. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read '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: KMG - HSR-Liz 5-17

Project Number: KMG09479  
 Project Manager: John Cocroft

**Reported:**  
 04/14/09 09:13

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S01@4.5'	R904056-01	Soil	04/13/09 13:00	04/13/09 16:31
S02@4.5'	R904056-02	Soil	04/13/09 13:30	04/13/09 16:31
N01@4.5'	R904056-03	Soil	04/13/09 13:35	04/13/09 16:31
N02@4.5'	R904056-04	Soil	04/13/09 13:45	04/13/09 16:31
S03@4.5'	R904056-05	Soil	04/13/09 13:50	04/13/09 16:31
N03@4.5'	R904056-06	Soil	04/13/09 14:40	04/13/09 16:31
E01@4'	R904056-07	Soil	04/13/09 15:05	04/13/09 16:31

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4600 West 60th Avenue  
Arvada CO, 80003

Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

**Reported:**  
04/14/09 09:13

**S01@4.5'**  
**R904056-01 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/13/09 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	9041307	04/13/09	04/13/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	ND	50	"	"	"	"	"	"	

Date Sampled: **04/13/09 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		89.8 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		89.1 %	73.9-120		"	"	"	"	

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

Date Sampled: **04/13/09 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>39</b>	5.0	ug/kg	1	9041304	04/13/09	04/13/09	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>11</b>	5.0	"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>40</b>	5.0	"	"	"	"	"	"	

Date Sampled: **04/13/09 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane- <i>d</i> 4		130 %	77.3-121		"	"	"	"	
Surrogate: Toluene- <i>d</i> 8		95.2 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	85.3-109		"	"	"	"	

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Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

**Reported:**  
04/14/09 09:13

**S02@4.5'**  
**R904056-02 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/13/09 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	9041307	04/13/09	04/13/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	ND	50	"	"	"	"	"	"	

Date Sampled: **04/13/09 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		93.4 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		95.3 %	73.9-120		"	"	"	"	

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

Date Sampled: **04/13/09 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>24</b>	5.0	ug/kg	1	9041304	04/13/09	04/13/09	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	

Date Sampled: **04/13/09 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		131 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		96.5 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	85.3-109		"	"	"	"	

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Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

Reported:  
04/14/09 09:13

**N01@4.5'**  
**R904056-03 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/13/09 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	9041307	04/13/09	04/13/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	ND	50	"	"	"	"	"	"	

Date Sampled: **04/13/09 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		96.4 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		92.8 %	73.9-120		"	"	"	"	

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

Date Sampled: **04/13/09 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	5.0	ug/kg	1	9041304	04/13/09	04/13/09	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	

Date Sampled: **04/13/09 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		129 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		96.0 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	85.3-109		"	"	"	"	

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4600 West 60th Avenue  
Arvada CO, 80003

Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

**Reported:**  
04/14/09 09:13

**N02@4.5'**  
**R904056-04 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/13/09 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C6-C10 (TEPH-GRO)</b>	<b>110</b>	50	mg/kg	1	9041307	04/13/09	04/13/09	8015 Full Carbon Chain	
<b>C10-C28 (TEPH-DRO)</b>	<b>250</b>	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
<b>C6-C36 Total TEPH</b>	<b>360</b>	50	"	"	"	"	"	"	

Date Sampled: **04/13/09 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		89.8 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		93.9 %	73.9-120		"	"	"	"	

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

Date Sampled: **04/13/09 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>870</b>	5.0	ug/kg	1	9041304	04/13/09	04/13/09	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>1200</b>	500	"	100	"	"	04/13/09	"	
<b>Xylenes (total)</b>	<b>1600</b>	500	"	"	"	"	04/13/09	"	

Date Sampled: **04/13/09 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		125 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		99.5 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	85.3-109		"	"	"	"	

Summit Scientific

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

Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

Reported:  
04/14/09 09:13

**S03@4.5'**  
**R904056-05 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/13/09 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C6-C10 (TEPH-GRO)</b>	<b>620</b>	50	mg/kg	1	9041307	04/13/09	04/13/09	8015 Full Carbon Chain	
<b>C10-C28 (TEPH-DRO)</b>	<b>890</b>	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
<b>C6-C36 Total TEPH</b>	<b>1500</b>	50	"	"	"	"	"	"	

Date Sampled: **04/13/09 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		92.2 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		92.7 %	73.9-120		"	"	"	"	

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

Date Sampled: **04/13/09 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>2500</b>	500	ug/kg	100	9041304	04/13/09	04/13/09	EPA 8260B	
<b>Toluene</b>	<b>130</b>	5.0	"	1	"	"	04/13/09	"	
<b>Ethylbenzene</b>	<b>11000</b>	500	"	100	"	"	04/13/09	"	
<b>Xylenes (total)</b>	<b>75000</b>	500	"	"	"	"	"	"	

Date Sampled: **04/13/09 13:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		121 %	77.3-121		"	"	04/13/09	"	
Surrogate: Toluene-d8		115 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	85.3-109		"	"	"	"	

Summit Scientific

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

Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

Reported:  
04/14/09 09:13

**N03@4.5'**  
**R904056-06 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/13/09 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	9041307	04/13/09	04/13/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	ND	50	"	"	"	"	"	"	

Date Sampled: **04/13/09 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		94.6 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		100 %	73.9-120		"	"	"	"	

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

Date Sampled: **04/13/09 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	5.0	ug/kg	1	9041304	04/13/09	04/13/09	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	

Date Sampled: **04/13/09 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		132 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		96.5 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	85.3-109		"	"	"	"	

Summit Scientific

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

Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

**Reported:**  
04/14/09 09:13

**E01@4'**  
**R904056-07 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/13/09 15:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	9041307	04/13/09	04/13/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	ND	50	"	"	"	"	"	"	

Date Sampled: **04/13/09 15:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		100 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		103 %	73.9-120		"	"	"	"	

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

Date Sampled: **04/13/09 15:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>88</b>	5.0	ug/kg	1	9041304	04/13/09	04/13/09	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>11</b>	5.0	"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>47</b>	5.0	"	"	"	"	"	"	

Date Sampled: **04/13/09 15:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		130 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		98.2 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		110 %	85.3-109		"	"	"	"	

Summit Scientific

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

Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

Reported:  
04/14/09 09:13

**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 9041307 - EPA 3550A**

**Blank (9041307-BLK1)**

Prepared: 04/13/09 Analyzed: 04/14/09

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 (9041307-BS1)**

Prepared & Analyzed: 04/13/09

C6-C10 (TEPH-GRO)	493	50	mg/kg	519	95.0	70-130				
C10-C28 (TEPH-DRO)	ND	50	"			83.3-127				

**LCS (9041307-BS2)**

Prepared: 04/13/09 Analyzed: 04/14/09

C6-C10 (TEPH-GRO)	ND	50	mg/kg			70-130				
C10-C28 (TEPH-DRO)	460	50	"	500	92.0	83.3-127				

**LCS Dup (9041307-BSD1)**

Prepared: 04/13/09 Analyzed: 04/14/09

C6-C10 (TEPH-GRO)	464	50	mg/kg	519	89.4	70-130	6.06		20	
C10-C28 (TEPH-DRO)	ND	50	"			83.3-127			15	

**LCS Dup (9041307-BSD2)**

Prepared: 04/13/09 Analyzed: 04/14/09

C6-C10 (TEPH-GRO)	ND	50	mg/kg			70-130			20	
C10-C28 (TEPH-DRO)	481	50	"	500	96.2	83.3-127	4.46		15	

**Matrix Spike (9041307-MS1)**

Source: R904056-01

Prepared: 04/13/09 Analyzed: 04/14/09

C6-C10 (TEPH-GRO)	445	50	mg/kg	519	ND	85.7	70-130			
C10-C28 (TEPH-DRO)	ND	50	"		ND	75.8-126				

**Matrix Spike (9041307-MS2)**

Source: R904056-01

Prepared: 04/13/09 Analyzed: 04/14/09

C6-C10 (TEPH-GRO)	ND	50	mg/kg		ND	70-130				
C10-C28 (TEPH-DRO)	475	50	"	500	ND	95.0	75.8-126			

Summit Scientific

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

Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

Reported:  
04/14/09 09:13

**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 9041307 - EPA 3550A**

<b>Matrix Spike Dup (9041307-MSD1)</b>		<b>Source: R904056-01</b>			Prepared: 04/13/09		Analyzed: 04/14/09			
C6-C10 (TEPH-GRO)	458	50	mg/kg	519	ND	88.2	70-130	2.88	20	
C10-C28 (TEPH-DRO)	ND	50	"		ND		75.8-126		13.6	
<b>Matrix Spike Dup (9041307-MSD2)</b>		<b>Source: R904056-01</b>			Prepared: 04/13/09		Analyzed: 04/14/09			
C6-C10 (TEPH-GRO)	ND	50	mg/kg		ND		70-130		20	
C10-C28 (TEPH-DRO)	484	50	"	500	ND	96.8	75.8-126	1.88	13.6	

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

Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

Reported:  
04/14/09 09:13

**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 9041304 - EPA 5030 Soil MS**

**Blank (9041304-BLK1)**

Prepared & Analyzed: 04/13/09

Benzene	ND	5.0	ug/kg							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	5.0	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	52.1		"	40.0		130	77.3-121			
<i>Surrogate: Toluene-d8</i>	38.7		"	40.0		96.8	91.4-107			
<i>Surrogate: 4-Bromofluorobenzene</i>	43.0		"	40.0		108	85.3-109			

**LCS (9041304-BS1)**

Prepared & Analyzed: 04/13/09

Benzene	77.4	5.0	ug/kg	100		77.4	70-114			
Toluene	84.3	5.0	"	100		84.3	72.7-116			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.5		"	40.0		126	77.3-121			
<i>Surrogate: Toluene-d8</i>	38.2		"	40.0		95.5	91.4-107			
<i>Surrogate: 4-Bromofluorobenzene</i>	41.8		"	40.0		104	85.3-109			

**Matrix Spike (9041304-MS1)**

Source: R904048-01

Prepared & Analyzed: 04/13/09

Benzene	77.7	5.0	ug/kg	100	ND	77.7	66.8-117			
Toluene	83.0	5.0	"	100	ND	83.0	71.5-117			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	53.3		"	40.0		133	77.3-121			
<i>Surrogate: Toluene-d8</i>	39.3		"	40.0		98.2	91.4-107			
<i>Surrogate: 4-Bromofluorobenzene</i>	43.1		"	40.0		108	85.3-109			

Summit Scientific

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

Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

**Reported:**  
04/14/09 09:13

**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

April 15, 2009

John Cocroft  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: KMG - HSR-Liz 5-17

Enclosed are the results of analyses for samples received by Summit Scientific on 04/14/09 16:55. 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 flourish extending to the right.

Ben Shrewsbury  
Vice President / Laboratory Director

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

Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

**Reported:**  
04/15/09 09:05

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
N04@4.5'	R904058-01	Soil	04/14/09 13:20	04/14/09 16:55
S04@4.5'	R904058-02	Soil	04/14/09 13:30	04/14/09 16:55

Summit Scientific



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

Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

**Reported:**  
04/15/09 09:05

**N04@4.5'**  
**R904058-01 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/14/09 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	9041403	04/14/09	04/14/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	ND	50	"	"	"	"	"	"	

Date Sampled: **04/14/09 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		116 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		96.0 %	73.9-120		"	"	"	"	

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

Date Sampled: **04/14/09 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	5.0	ug/kg	1	9041404	04/14/09	04/14/09	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	

Date Sampled: **04/14/09 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		100 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		95.5 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	85.3-109		"	"	"	"	

Summit Scientific

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

Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

**Reported:**  
04/15/09 09:05

**S04@4.5'**  
**R904058-02 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **04/14/09 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	9041403	04/14/09	04/14/09	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	
C6-C36 Total TEPH	ND	50	"	"	"	"	"	"	

Date Sampled: **04/14/09 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		109 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		93.0 %	73.9-120		"	"	"	"	

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

Date Sampled: **04/14/09 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>8.4</b>	5.0	ug/kg	1	9041404	04/14/09	04/15/09	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	

Date Sampled: **04/14/09 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		107 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		97.2 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	85.3-109		"	"	"	"	

Summit Scientific

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

Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

Reported:  
04/15/09 09:05

**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 9041403 - EPA 3550A**

**Blank (9041403-BLK1)**

Prepared: 04/14/09 Analyzed: 04/15/09

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 (9041403-BS1)**

Prepared & Analyzed: 04/14/09

C6-C10 (TEPH-GRO)	501	50	mg/kg	519	96.5	70-130				
C10-C28 (TEPH-DRO)	ND	50	"			83.3-127				

**LCS Dup (9041403-BSD1)**

Prepared & Analyzed: 04/14/09

C6-C10 (TEPH-GRO)	494	50	mg/kg	519	95.2	70-130	1.41	20		
C10-C28 (TEPH-DRO)	ND	50	"			83.3-127		15		

**Matrix Spike (9041403-MS1)**

Source: R904058-01

Prepared: 04/14/09 Analyzed: 04/15/09

C6-C10 (TEPH-GRO)	528	50	mg/kg	519	ND	102	70-130			
C10-C28 (TEPH-DRO)	ND	50	"		ND	75.8-126				

**Matrix Spike (9041403-MS2)**

Source: R904058-01

Prepared: 04/14/09 Analyzed: 04/15/09

C6-C10 (TEPH-GRO)	ND	50	mg/kg		ND	70-130				
C10-C28 (TEPH-DRO)	451	50	"	500	ND	90.2	75.8-126			

**Matrix Spike Dup (9041403-MSD1)**

Source: R904058-01

Prepared: 04/14/09 Analyzed: 04/15/09

C6-C10 (TEPH-GRO)	467	50	mg/kg	519	ND	90.0	70-130	12.3	20	
C10-C28 (TEPH-DRO)	ND	50	"		ND	75.8-126			13.6	

**Matrix Spike Dup (9041403-MSD2)**

Source: R904058-01

Prepared: 04/14/09 Analyzed: 04/15/09

C6-C10 (TEPH-GRO)	ND	50	mg/kg		ND	70-130			20	
C10-C28 (TEPH-DRO)	393	50	"	500	ND	78.6	75.8-126	13.7	13.6	

Summit Scientific

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

Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

Reported:  
04/15/09 09:05

**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 9041404 - EPA 5030 Soil MS**

**Blank (9041404-BLK1)**

Prepared: 04/14/09 Analyzed: 04/15/09

Benzene	ND	5.0	ug/kg								
Toluene	ND	5.0	"								
Ethylbenzene	ND	5.0	"								
Xylenes (total)	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	43.4		"	40.0		108	77.3-121				
Surrogate: Toluene-d8	38.9		"	40.0		97.2	91.4-107				
Surrogate: 4-Bromofluorobenzene	41.7		"	40.0		104	85.3-109				

**LCS (9041404-BS1)**

Prepared: 04/14/09 Analyzed: 04/15/09

Benzene	77.9	5.0	ug/kg	100		77.9	70-114				
Toluene	85.7	5.0	"	100		85.7	72.7-116				
Surrogate: 1,2-Dichloroethane-d4	43.6		"	40.0		109	77.3-121				
Surrogate: Toluene-d8	38.9		"	40.0		97.2	91.4-107				
Surrogate: 4-Bromofluorobenzene	41.2		"	40.0		103	85.3-109				

**LCS Dup (9041404-BSD1)**

Prepared: 04/14/09 Analyzed: 04/15/09

Benzene	81.2	5.0	ug/kg	100		81.2	70-114	4.15	8.14		
Toluene	88.9	5.0	"	100		88.9	72.7-116	3.67	7.88		
Surrogate: 1,2-Dichloroethane-d4	44.1		"	40.0		110	77.3-121				
Surrogate: Toluene-d8	39.3		"	40.0		98.2	91.4-107				
Surrogate: 4-Bromofluorobenzene	41.5		"	40.0		104	85.3-109				

**Matrix Spike (9041404-MS1)**

Source: R904058-01

Prepared: 04/14/09 Analyzed: 04/15/09

Benzene	80.5	5.0	ug/kg	100	ND	80.5	66.8-117				
Toluene	87.3	5.0	"	100	ND	87.3	71.5-117				
Surrogate: 1,2-Dichloroethane-d4	43.7		"	40.0		109	77.3-121				
Surrogate: Toluene-d8	38.8		"	40.0		97.0	91.4-107				
Surrogate: 4-Bromofluorobenzene	41.4		"	40.0		104	85.3-109				

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4600 West 60th Avenue  
Arvada CO, 80003

Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

**Reported:**  
04/15/09 09:05

**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 9041404 - EPA 5030 Soil MS**

<b>Matrix Spike Dup (9041404-MSD1)</b>	<b>Source: R904058-01</b>			Prepared: 04/14/09	Analyzed: 04/15/09					
Benzene	81.3	5.0	ug/kg	100	ND	81.3	66.8-117	0.989	17.8	
Toluene	90.0	5.0	"	100	ND	90.0	71.5-117	3.05	14.4	
Surrogate: 1,2-Dichloroethane-d4	44.9		"	40.0		112	77.3-121			
Surrogate: Toluene-d8	39.7		"	40.0		99.2	91.4-107			
Surrogate: 4-Bromofluorobenzene	42.0		"	40.0		105	85.3-109			

Summit Scientific



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Project: KMG - HSR-Liz 5-17

Project Number: KMG09479  
Project Manager: John Cocroft

**Reported:**  
04/15/09 09:05

**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

