

# Summit Scientific

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741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

November 01, 2007

John Cocroft

LT Environmental, Inc.

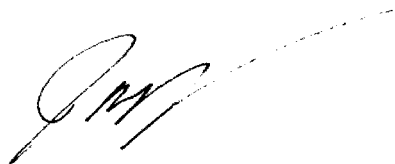
4600 West 60th Avenue

Arvada, CO 80003

RE: KMG - HSR-Magness 11-24

Enclosed are the results of analyses for samples received by Summit Scientific on 10/29/07 10:00. 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' or 'Shrewsbury', written in a cursive style.

Ben Shrewsbury

Laboratory Director

S<sub>2</sub>

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

Project: KMG - HSR-Magness 11-24

Project Number: KMG 07322.01  
Project Manager: John Cocroft

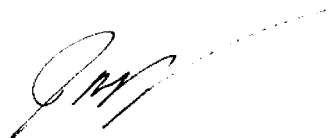
Reported:  
11/01/07 14:36

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R710116-01	Water	10/26/07 11:45	10/29/07 10:00
MW02	R710116-02	Water	10/26/07 11:55	10/29/07 10:00
MW03	R710116-03	Water	10/26/07 12:10	10/29/07 10:00
MW04	R710116-04	Water	10/26/07 12:15	10/29/07 10:00
MW05	R710116-05	Water	10/26/07 12:25	10/29/07 10:00
MW06	R710116-06	Water	10/26/07 12:35	10/29/07 10:00

Summit Scientific

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

Project: KMG - HSR-Magness 11-24

Project Number: KMG 07322.01  
Project Manager: John Cocroft

Reported:  
11/01/07 14:36

Summit Scientific 2710116

7-1 Corporate Circle Suite 1 Golden, Colorado 80401  
303-277-0940 303-277-0937 fax

11-32c

1000

Project Manager	
Address	

11/1/2011

...

11/11/11

Principal Name: 452-MAVRES-1190

Sample Name	Area	Height	Area%	Height%
1	1.00	1.00	1.00	1.00
2	1.00	1.00	1.00	1.00
3	1.00	1.00	1.00	1.00
4	1.00	1.00	1.00	1.00
5	1.00	1.00	1.00	1.00
6	1.00	1.00	1.00	1.00
7	1.00	1.00	1.00	1.00
8	1.00	1.00	1.00	1.00
9	1.00	1.00	1.00	1.00
10	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00
12	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00
14	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00
16	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00
18	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00
20	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00
22	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00
26	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00
28	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00
31	1.00	1.00	1.00	1.00
32	1.00	1.00	1.00	1.00
33	1.00	1.00	1.00	1.00
34	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00
36	1.00	1.00	1.00	1.00
37	1.00	1.00	1.00	1.00
38	1.00	1.00	1.00	1.00
39	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00
41	1.00	1.00	1.00	1.00
42	1.00	1.00	1.00	1.00
43	1.00	1.00	1.00	1.00
44	1.00	1.00	1.00	1.00
45	1.00	1.00	1.00	1.00
46	1.00	1.00	1.00	1.00
47	1.00	1.00	1.00	1.00
48	1.00	1.00	1.00	1.00
49	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00
51	1.00	1.00	1.00	1.00
52	1.00	1.00	1.00	1.00
53	1.00	1.00	1.00	1.00
54	1.00	1.00	1.00	1.00
55	1.00	1.00	1.00	1.00
56	1.00	1.00	1.00	1.00
57	1.00	1.00	1.00	1.00
58	1.00	1.00	1.00	1.00
59	1.00	1.00	1.00	1.00
60	1.00	1.00	1.00	1.00
61	1.00	1.00	1.00	1.00
62	1.00	1.00	1.00	1.00
63	1.00	1.00	1.00	1.00
64	1.00	1.00	1.00	1.00
65	1.00	1.00	1.00	1.00
66	1.00	1.00	1.00	1.00
67	1.00	1.00	1.00	1.00
68	1.00	1.00	1.00	1.00
69	1.00	1.00	1.00	1.00
70	1.00	1.00	1.00	1.00
71	1.00	1.00	1.00	1.00
72	1.00	1.00	1.00	1.00
73	1.00	1.00	1.00	1.00
74	1.00	1.00		

Project Number	6992 C1320.01
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Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative	Matrix	Analyze For:	Special Instructions
PMWC1	10-26-11	11:45	2	None	Soil		
PMWC2	10-26-11	11:50	3	None	Groundwater		
PMWC3	10-26-11	12:00	3	None	Other (Specify)		
PMWC4	10-26-11	12:05	3	None	Other (Specify)		
PMWC5	10-26-11	12:05	3	None	Other (Specify)		
PMWC6	10-26-11	12:05	3	None	Other (Specify)		
PMWC7	10-26-11	12:05	3	None	Other (Specify)		
PMWC8	10-26-11	12:05	3	None	Other (Specify)		
PMWC9	10-26-11	12:05	3	None	Other (Specify)		
PMWC10	10-26-11	12:05	3	None	Other (Specify)		
PMWC11	10-26-11	12:05	3	None	Other (Specify)		
PMWC12	10-26-11	12:05	3	None	Other (Specify)		
PMWC13	10-26-11	12:05	3	None	Other (Specify)		
PMWC14	10-26-11	12:05	3	None	Other (Specify)		
PMWC15	10-26-11	12:05	3	None	Other (Specify)		
PMWC16	10-26-11	12:05	3	None	Other (Specify)		
PMWC17	10-26-11	12:05	3	None	Other (Specify)		
PMWC18	10-26-11	12:05	3	None	Other (Specify)		
PMWC19	10-26-11	12:05	3	None	Other (Specify)		
PMWC20	10-26-11	12:05	3	None	Other (Specify)		
PMWC21	10-26-11	12:05	3	None	Other (Specify)		
PMWC22	10-26-11	12:05	3	None	Other (Specify)		
PMWC23	10-26-11	12:05	3	None	Other (Specify)		
PMWC24	10-26-11	12:05	3	None	Other (Specify)		
PMWC25	10-26-11	12:05	3	None	Other (Specify)		
PMWC26	10-26-11	12:05	3	None	Other (Specify)		
PMWC27	10-26-11	12:05	3	None	Other (Specify)		
PMWC28	10-26-11	12:05	3	None	Other (Specify)		
PMWC29	10-26-11	12:05	3	None	Other (Specify)		
PMWC30	10-26-11	12:05	3	None	Other (Specify)		
PMWC31	10-26-11	12:05	3	None	Other (Specify)		
PMWC32	10-26-11	12:05	3	None	Other (Specify)		
PMWC33	10-26-11	12:05	3	None	Other (Specify)		
PMWC34	10-26-11	12:05	3	None	Other (Specify)		
PMWC35	10-26-11	12:05	3	None	Other (Specify)		
PMWC36	10-26-11	12:05	3	None	Other (Specify)		
PMWC37	10-26-11	12:05	3	None	Other (Specify)		
PMWC38	10-26-11	12:05	3	None	Other (Specify)		
PMWC39	10-26-11	12:05	3	None	Other (Specify)		
PMWC40	10-26-11	12:05	3	None	Other (Specify)		
PMWC41	10-26-11	12:05	3	None	Other (Specify)		
PMWC42	10-26-11	12:05	3	None	Other (Specify)		
PMWC43	10-26-11	12:05	3	None	Other (Specify)		
PMWC44	10-26-11	12:05	3	None	Other (Specify)		
PMWC45	10-26-11	12:05	3	None	Other (Specify)		
PMWC46	10-26-11	12:05	3	None	Other (Specify)		
PMWC47	10-26-11	12:05	3	None	Other (Specify)		
PMWC48	10-26-11	12:05	3	None	Other (Specify)		
PMWC49	10-26-11	12:05	3	None	Other (Specify)		
PMWC50	10-26-11	12:05	3	None	Other (Specify)		
PMWC51	10-26-11	12:05	3	None	Other (Specify)		
PMWC52	10-26-11	12:05	3	None	Other (Specify)		
PMWC53	10-26-11	12:05	3	None	Other (Specify)		
PMWC54	10-26-11	12:05	3				

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

Project: KMG - HSR-Magness 11-24  
Project Number: KMG 07322.01  
Project Manager: John Cocroft

Reported:  
11/01/07 14:36

**MW01**  
**R710116-01 (Water)**

**Summit Scientific**

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

Date Sampled: 10/26/07 11:45

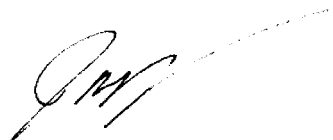
Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	7102903	10/30/07	10/30/07	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: 10/26/07 11:45

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		119 %		61.6-147		"	"	"	"	
Surrogate: Toluene-d8		99.5 %		89.3-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.8 %		75.4-130		"	"	"	"	

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Arvada CO, 80003

Project: KMG - HSR-Magness 11-24  
Project Number: KMG 07322.01  
Project Manager: John Cocroft

Reported:  
11/01/07 14:36

**MW02**  
**R710116-02 (Water)**

**Summit Scientific**

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

Date Sampled: 10/26/07 11:55

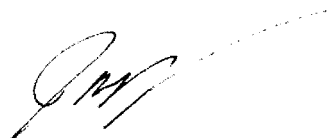
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	7102903	10/30/07	10/30/07	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 10/26/07 11:55

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		118 %	61.6-147		"	"	"	"	
Surrogate: Toluene-d8		99.0 %	89.3-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.0 %	75.4-130		"	"	"	"	

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Arvada CO, 80003

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Project Number: KMG 07322.01  
Project Manager: John Cocroft

Reported:  
11/01/07 14:36

**MW03**  
**R710116-03 (Water)**

**Summit Scientific**

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

Date Sampled: 10/26/07 12:10

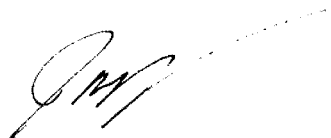
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	7102903	10/30/07	10/30/07	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 10/26/07 12:10

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		116 %	61.6-147		"	"	"	"	
Surrogate: Toluene-d8		98.5 %	89.3-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.8 %	75.4-130		"	"	"	"	

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Project Manager: John Cocroft

Reported:  
11/01/07 14:36

**MW04**  
**R710116-04 (Water)**

**Summit Scientific**

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

Date Sampled: 10/26/07 12:15

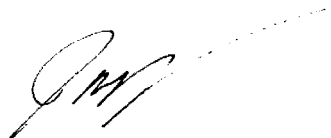
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	7102903	10/30/07	10/30/07	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 10/26/07 12:15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		120 %	61.6-147		"	"	"	"	
Surrogate: Toluene-d8		99.2 %	89.3-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.0 %	75.4-130		"	"	"	"	

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Project Manager: John Cocroft

Reported:  
11/01/07 14:36

**MW05**  
**R710116-05 (Water)**

**Summit Scientific**

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

Date Sampled: 10/26/07 12:25

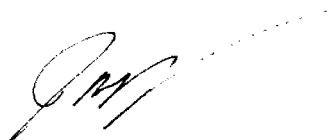
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	7102903	10/30/07	10/30/07	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	1.1	1.0	"	"	"	"	"	"	
Xylenes (total)	1.3	1.0	"	"	"	"	"	"	

Date Sampled: 10/26/07 12:25

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		119 %	61.6-147		"	"	"	"	
Surrogate: Toluene-d8		98.5 %	89.3-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.5 %	75.4-130		"	"	"	"	

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Project: KMG - HSR-Magness 11-24  
Project Number: KMG 07322.01  
Project Manager: John Cocroft

Reported:  
11/01/07 14:36

**MW06**  
**R710116-06 (Water)**

**Summit Scientific**

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

Date Sampled: 10/26/07 12:35

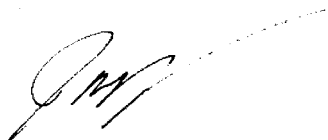
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	7102903	10/30/07	10/30/07	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 10/26/07 12:35

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		121 %	61.6-147		"	"	"	"	
Surrogate: Toluene-d8		98.5 %	89.3-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.8 %	75.4-130		"	"	"	"	

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Project: KMG - HSR-Magness 11-24

Project Number: KMG 07322.01  
Project Manager: John Cocroft

Reported:  
11/01/07 14:36

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

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

**Batch 7102903 - EPA 5030 Water MS**

**Blank (7102903-BLK1)**

Prepared & Analyzed: 10/30/07

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	47.4		"	40.0		118	61.6-147			
Surrogate: Toluene-d8	39.1		"	40.0		97.8	89.3-110			
Surrogate: 4-Bromofluorobenzene	38.7		"	40.0		96.8	75.4-130			

**LCS (7102903-BS1)**

Prepared & Analyzed: 10/30/07

Benzene	79.6	1.0	ug/l	100		79.6	60.5-95.9			
Toluene	78.5	1.0	"	100		78.5	58.3-99.4			
Surrogate: 1,2-Dichloroethane-d4	45.6		"	40.0		114	61.6-147			
Surrogate: Toluene-d8	39.3		"	40.0		98.2	89.3-110			
Surrogate: 4-Bromofluorobenzene	39.0		"	40.0		97.5	75.4-130			

**LCS Dup (7102903-BSD1)**

Prepared & Analyzed: 10/30/07

Benzene	77.2	1.0	ug/l	100		77.2	60.5-95.9	3.06	15.6	
Toluene	76.1	1.0	"	100		76.1	58.3-99.4	3.10	18.1	
Surrogate: 1,2-Dichloroethane-d4	44.3		"	40.0		111	61.6-147			
Surrogate: Toluene-d8	38.9		"	40.0		97.2	89.3-110			
Surrogate: 4-Bromofluorobenzene	38.7		"	40.0		96.8	75.4-130			

**Matrix Spike (7102903-MS1)**

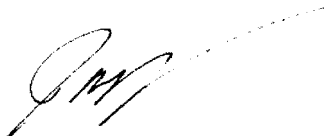
Source: R710116-01

Prepared & Analyzed: 10/30/07

Benzene	77.9	1.0	ug/l	100	ND	77.9	57.6-98.2			
Toluene	76.7	1.0	"	100	ND	76.7	58.7-97.2			
Surrogate: 1,2-Dichloroethane-d4	45.8		"	40.0		114	61.6-147			
Surrogate: Toluene-d8	38.7		"	40.0		96.8	89.3-110			
Surrogate: 4-Bromofluorobenzene	39.1		"	40.0		97.8	75.4-130			

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.



Page 9 of 11

S<sub>2</sub>

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

Project: KMG - HSR-Magness 11-24

Project Number: KMG 07322.01  
Project Manager: John Cocroft

Reported:  
11/01/07 14:36

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

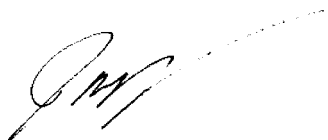
Analyte	Reporting			Spike Level	Source Result	%REC			RPD	
	Result	Limit	Units			%REC	Limits	RPD	Limit	Notes

**Batch 7102903 - EPA 5030 Water MS**

Matrix Spike Dup (7102903-MSD1)		Source: R710116-01			Prepared & Analyzed: 10/30/07					
Benzene	78.5	1.0	ug/l	100	ND	78.5	57.6-98.2	0.767	21.3	
Toluene	75.8	1.0	"	100	ND	75.8	58.7-97.2	1.18	11.7	
Surrogate: 1,2-Dichloroethane-d4	44.9		"	40.0		112	61.6-147			
Surrogate: Toluene-d8	38.4		"	40.0		96.0	89.3-110			
Surrogate: 4-Bromofluorobenzene	39.1		"	40.0		97.8	75.4-130			

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.*



S<sub>2</sub>

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

Project: KMG - HSR-Magness 11-24

Project Number: KMG 07322.01  
Project Manager: John Cocroft

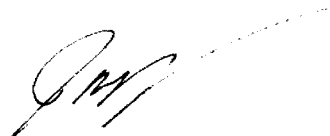
Reported:  
11/01/07 14:36

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

Summit Scientific

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



# Summit Scientific

---

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

April 28, 2008

John Cocroft

LT Environmental, Inc.

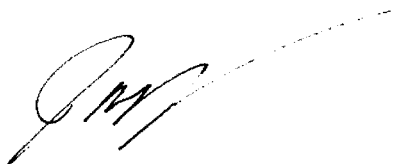
4600 West 60th Avenue

Arvada, CO 80003

RE: KMG - HSR-Magness 11-24

Enclosed are the results of analyses for samples received by Summit Scientific on 04/16/08 16:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'BS' or 'Shrewsbury', 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 - HSR-Magness 11-24

Project Number: KMG 07322  
Project Manager: John Cocroft

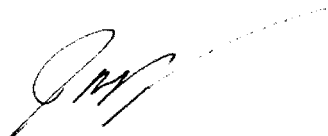
Reported:  
04/28/08 15:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R804127-01	Water	04/16/08 10:00	04/16/08 16:00
MW02	R804127-02	Water	04/16/08 10:10	04/16/08 16:00
MW03	R804127-03	Water	04/16/08 10:20	04/16/08 16:00
MW04	R804127-04	Water	04/16/08 10:30	04/16/08 16:00
MW05	R804127-05	Water	04/16/08 10:40	04/16/08 16:00
MW06	R804127-06	Water	04/16/08 10:50	04/16/08 16:00

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.*



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

Project: KMG - HSR-Magness 11-24

Project Number: KMG 07322  
Project Manager: John Cocroft

Reported:  
04/28/08 15:03

Summit Scientific  
741 Corporate Circle - Suite 1  
Golden, Colorado 80401  
303-277-9310 • 303-371-5933 FAX

Client: LT Environmental, Inc.  
Project: KMG - HSR-Magness 11-24  
Project Manager: John Cocroft  
Project Number: KMG 07322

Number	Sample Identification	Matrix	Type	Sample Date	Sample Time	Sampled By	Container	Qty	Analyses
01-001	MW01	Water	Field Sample	4-16-08	1000	Floyd	Vac Vial - BCL	2	8260B BTEX, IVMI
02-001	MW02	Water	Field Sample	4-16-08	1010	Floyd	Vac Vial - BCL	2	8260B BTEX, IVMI
03-001	MW03	Water	Field Sample	4-16-08	1020	Floyd	Vac Vial - BCL	2	8260B BTEX, IVMI
04-001	MW04	Water	Field Sample	4-16-08	1030	Floyd	Vac Vial - BCL	2	8260B BTEX, IVMI
05-001	MW05	Water	Field Sample	4-16-08	1040	Floyd	Vac Vial - BCL	2	8260B BTEX, IVMI
06-001	MW06	Water	Field Sample	4-16-08	1050	Floyd	Vac Vial - BCL	2	8260B BTEX, IVMI

Turn Around Time (Check)

Sample Size: ☐ 2 Pints  
☐ 24 Pints  
☒ 48 Pints

Sample Integrity: ☐ 5  
concentration factor: ☐ 5

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_

Received By: \_\_\_\_\_ Date: \_\_\_\_\_

Relinquished By: *John Cocroft* Date: 4-16-08

Received By: \_\_\_\_\_ Date: 4-16-08

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 - HSR-Magness 11-24

Project Number: KMG 07322  
Project Manager: John Cocroft

Reported:  
04/28/08 15:03

**MW01**  
**R804127-01 (Water)**

**Summit Scientific**

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

Date Sampled: 04/16/08 10:00

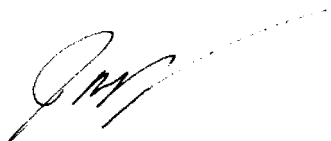
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	8041901	04/19/08	04/26/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 04/16/08 10:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		114 %	90.2-124		"	"	"	"	
Surrogate: Toluene-d8		105 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	84.5-110		"	"	"	"	

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 - HSR-Magness 11-24

Project Number: KMG 07322  
Project Manager: John Cocroft

Reported:  
04/28/08 15:03

**MW02**  
**R804127-02 (Water)**

**Summit Scientific**

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

Date Sampled: 04/16/08 10:10

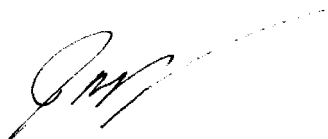
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	8041901	04/19/08	04/26/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 04/16/08 10:10

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		114 %	90.2-124		"	"	"	"	
Surrogate: Toluene-d8		104 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	84.5-110		"	"	"	"	

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 - HSR-Magness 11-24

Project Number: KMG 07322  
Project Manager: John Cocroft

Reported:  
04/28/08 15:03

**MW03**  
**R804127-03 (Water)**

**Summit Scientific**

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

Date Sampled: 04/16/08 10:20

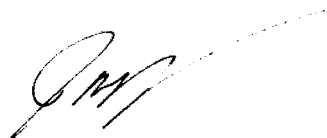
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	8041901	04/19/08	04/26/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 04/16/08 10:20

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		114 %	90.2-124		"	"	"	"	
Surrogate: Toluene-d8		104 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	84.5-110		"	"	"	"	

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 - HSR-Magness 11-24

Project Number: KMG 07322  
Project Manager: John Cocroft

Reported:  
04/28/08 15:03

**MW04**  
**R804127-04 (Water)**

**Summit Scientific**

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

Date Sampled: 04/16/08 10:30

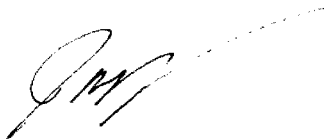
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	8041901	04/19/08	04/26/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 04/16/08 10:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		114 %	90.2-124		"	"	"	"	
Surrogate: Toluene-d8		103 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	84.5-110		"	"	"	"	

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 - HSR-Magness 11-24

Project Number: KMG 07322  
Project Manager: John Cocroft

Reported:  
04/28/08 15:03

**MW05**  
**R804127-05 (Water)**

**Summit Scientific**

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

Date Sampled: 04/16/08 10:40

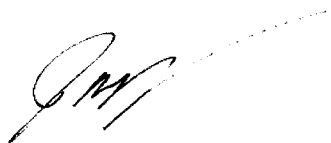
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	8041901	04/19/08	04/26/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 04/16/08 10:40

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		117 %	90.2-124		"	"	"	"	
Surrogate: Toluene-d8		104 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	84.5-110		"	"	"	"	

Summit Scientific

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

Project: KMG - HSR-Magness 11-24

Project Number: KMG 07322  
Project Manager: John Cocroft

Reported:  
04/28/08 15:03

**MW06**  
**R804127-06 (Water)**

**Summit Scientific**

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

Date Sampled: 04/16/08 10:50

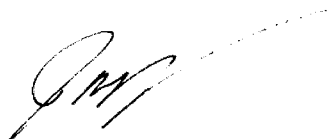
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	8041901	04/19/08	04/26/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 04/16/08 10:50

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		115 %	90.2-124		"	"	"	"	
Surrogate: Toluene-d8		105 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	84.5-110		"	"	"	"	

Summit Scientific

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

Project: KMG - HSR-Magness 11-24  
Project Number: KMG 07322  
Project Manager: John Cocroft

Reported:  
04/28/08 15:03

**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 8041901 - EPA 5030 Water MS**

**Blank (8041901-BLK1)**

Prepared: 04/19/08 Analyzed: 04/21/08

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	1.0	"								
Surrogate: 1,2-Dichloroethane-d4	13.9		"	13.3		105		90.2-124			
Surrogate: Toluene-d8	13.6		"	13.3		102		92.1-106			
Surrogate: 4-Bromofluorobenzene	13.7		"	13.3		103		84.5-110			

**LCS (8041901-BS1)**

Prepared: 04/19/08 Analyzed: 04/21/08

Benzene	35.5	1.0	ug/l	33.3		107		61.4-110			
Toluene	34.0	1.0	"	33.3		102		54.2-116			
Surrogate: 1,2-Dichloroethane-d4	13.7		"	13.3		103		90.2-124			
Surrogate: Toluene-d8	13.6		"	13.3		102		92.1-106			
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3		101		84.5-110			

**LCS Dup (8041901-BSD1)**

Prepared: 04/19/08 Analyzed: 04/21/08

Benzene	34.9	1.0	ug/l	33.3		105		61.4-110	1.70	11.8	
Toluene	32.9	1.0	"	33.3		98.8		54.2-116	3.29	12.2	
Surrogate: 1,2-Dichloroethane-d4	14.4		"	13.3		108		90.2-124			
Surrogate: Toluene-d8	13.4		"	13.3		101		92.1-106			
Surrogate: 4-Bromofluorobenzene	13.5		"	13.3		102		84.5-110			

**Matrix Spike (8041901-MS1)**

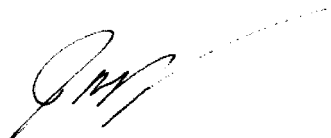
Source: R804126-03

Prepared: 04/19/08 Analyzed: 04/21/08

Benzene	35.4	1.0	ug/l	33.3	ND	106		61.5-109			
Toluene	34.1	1.0	"	33.3	ND	102		55.6-113			
Surrogate: 1,2-Dichloroethane-d4	14.1		"	13.3		106		90.2-124			
Surrogate: Toluene-d8	13.5		"	13.3		102		92.1-106			
Surrogate: 4-Bromofluorobenzene	12.9		"	13.3		97.0		84.5-110			

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 - HSR-Magness 11-24

Project Number: KMG 07322  
Project Manager: John Cocroft

Reported:  
04/28/08 15:03

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

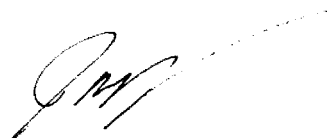
Analyte	Reporting			Spike	Source	%REC		RPD		
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

**Batch 8041901 - EPA 5030 Water MS**

Matrix Spike Dup (8041901-MSD1)		Source: R804126-03		Prepared: 04/19/08		Analyzed: 04/21/08				
Benzene	32.9	1.0	ug/l	33.3	ND	98.8	61.5-109	7.32	21.7	
Toluene	31.3	1.0	"	33.3	ND	94.0	55.6-113	8.56	9.18	
Surrogate: 1,2-Dichloroethane-d4	15.3		"	13.3		115	90.2-124			
Surrogate: Toluene-d8	13.5		"	13.3		102	92.1-106			
Surrogate: 4-Bromofluorobenzene	13.8		"	13.3		104	84.5-110			

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 - HSR-Magness 11-24

Project Number: KMG 07322  
Project Manager: John Cocroft

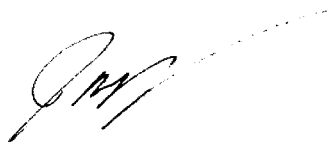
Reported:  
04/28/08 15:03

### 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

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*





# Summit Scientific

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741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

August 05, 2008

John Cocroft  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: KMG - Magness 11-24A

Enclosed are the results of analyses for samples received by Summit Scientific on 07/29/08 09:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'PS' or similar initials, followed by a long horizontal flourish.

Paul Shrewsbury For Ben Shrewsbury  
Vice President / Laboratory Director

S<sub>2</sub>

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

Project: KMG - Magness 11-24A

Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
08/05/08 11:02

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R807172-01	Water	07/28/08 12:20	07/29/08 09:30
MW02	R807172-02	Water	07/28/08 12:30	07/29/08 09:30
MW03	R807172-03	Water	07/28/08 12:40	07/29/08 09:30
MW04	R807172-04	Water	07/28/08 12:50	07/29/08 09:30
MW05	R807172-05	Water	07/28/08 13:00	07/29/08 09:30
MW06	R807172-06	Water	07/28/08 13:10	07/29/08 09:30
MSW	R807172-07	Water	07/28/08 13:20	07/29/08 09:30

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 - Magness 11-24A

Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
08/05/08 11:02

Summit Scientific  
R807172

743 Corporate Circle - Suite 1  
Golden, Colorado 80401  
303-277-9710 - 303-274-5933 Fax

Page 1 of

Client: LT Environmental, Inc.		Project Manager: John Cocroft		Project Number: kmg0446		07322			
Project: KMG - Magness <del>0446</del>		11-24A		Sample Date: 7-28-08		Sample Time: 12:20			
Number	Sample Identification	Matrix	Type	Sample Date	Sample Time	Sampled By	Container	Qty	Analyses
01-001	MW01	Water	Field Sample	7-28-08	12:20	Floyd	Voa Vial - HCL	2	8260B BTEX TML
02-001	MW02	Water	Field Sample		12:30	Floyd	Voa Vial - HCL	2	8260B BTEX TML
03-001	MW03	Water	Field Sample		12:40	Floyd	Voa Vial - HCL	2	8260B BTEX TML
04-001	MW04	Water	Field Sample		12:50	Floyd	Voa Vial - HCL	2	8260B BTEX TML
05-001	MW05	Water	Field Sample		13:00	Floyd	Voa Vial - HCL	2	8260B BTEX TML
06-001	MW06	Water	Field Sample		13:10	Floyd	Voa Vial - HCL	2	8260B BTEX TML
07-001	<del>MW07</del> MSW	Water	Field Sample		13:20	Floyd	Voa Vial - HCL	2	8260B BTEX TML
08-001	<del>MW08</del>	Water	Field Sample			Floyd	Voa Vial - HCL	2	8260B BTEX TML
09-001	<del>MW09</del>	Water	Field Sample			Floyd	Voa Vial - HCL	2	8260B BTEX TML

Turn Around Time (Check)

See also  
24 hours  
Standard  
24 hours

Sample Integrity:

Temperature: 100.00°C  
Date: 8/5/08

Relinquished By: Date Time

Received By: Date Time

Relinquished By: Date Time

Received By: Date Time

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.

S<sub>2</sub>

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

Project: KMG - Magness 11-24A  
Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
08/05/08 11:02

**MW01**  
**R807172-01 (Water)**

**Summit Scientific**

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

Date Sampled: 07/28/08 12:20

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	8080302	08/03/08	08/05/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 07/28/08 12:20

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		82.7 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		94.0 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		88.0 %	84.5-110		"	"	"	"	

Summit Scientific



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

Project: KMG - Magness 11-24A

Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
08/05/08 11:02

**MW02**  
**R807172-02 (Water)**

**Summit Scientific**

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

Date Sampled: 07/28/08 12:30

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	8080302	08/03/08	08/05/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 07/28/08 12:30

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		82.7 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		93.2 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89.5 %	84.5-110		"	"	"	"	

Summit Scientific



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

Project: KMG - Magness 11-24A  
Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
08/05/08 11:02

**MW03**  
**R807172-03 (Water)**

**Summit Scientific**

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

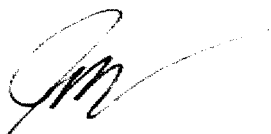
Date Sampled: 07/28/08 12:40

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	8080302	08/03/08	08/05/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 07/28/08 12:40

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		82.7 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		91.7 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.2 %	84.5-110		"	"	"	"	

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 - Magness 11-24A  
Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
08/05/08 11:02

**MW04**  
**R807172-04 (Water)**

**Summit Scientific**

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

Date Sampled: 07/28/08 12:50

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	8080302	08/03/08	08/05/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 07/28/08 12:50

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		84.2 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		94.7 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		88.7 %	84.5-110		"	"	"	"	

Summit Scientific



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

Project: KMG - Magness 11-24A  
Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
08/05/08 11:02

**MW05**  
**R807172-05 (Water)**

**Summit Scientific**

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

Date Sampled: 07/28/08 13:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	8080302	08/03/08	08/05/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 07/28/08 13:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		85.0 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		92.5 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		88.7 %	84.5-110		"	"	"	"	

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

Project: KMG - Magness 11-24A  
Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
08/05/08 11:02

**MW06**  
**R807172-06 (Water)**

**Summit Scientific**

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

Date Sampled: 07/28/08 13:10

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	8080302	08/03/08	08/05/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 07/28/08 13:10

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		84.2 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		91.0 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.2 %	84.5-110		"	"	"	"	

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

Project: KMG - Magness 11-24A  
Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
08/05/08 11:02

**MSW**  
**R807172-07 (Water)**

**Summit Scientific**

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

Date Sampled: 07/28/08 13:20

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	8080302	08/03/08	08/05/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 07/28/08 13:20

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		85.0 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		93.2 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.2 %	84.5-110		"	"	"	"	

Summit Scientific



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

Project: KMG - Magness 11-24A  
Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
08/05/08 11:02

**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 8080302 - EPA 5030 Water MS**

**Blank (8080302-BLK1)**

Prepared: 08/03/08 Analyzed: 08/04/08

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	12.5		"	13.3		94.0	80-120			
Surrogate: Toluene-d8	12.2		"	13.3		91.7	92.1-106			
Surrogate: 4-Bromofluorobenzene	12.1		"	13.3		91.0	84.5-110			

**LCS (8080302-BS1)**

Prepared: 08/03/08 Analyzed: 08/04/08

Benzene	25.8	1.0	ug/l	33.3		77.5	61.4-110			
Toluene	28.1	1.0	"	33.3		84.4	54.2-116			
Surrogate: 1,2-Dichloroethane-d4	12.4		"	13.3		93.2	80-120			
Surrogate: Toluene-d8	12.4		"	13.3		93.2	92.1-106			
Surrogate: 4-Bromofluorobenzene	12.1		"	13.3		91.0	84.5-110			

**LCS Dup (8080302-BSD1)**

Prepared: 08/03/08 Analyzed: 08/04/08

Benzene	25.7	1.0	ug/l	33.3		77.2	61.4-110	0.388	11.8	
Toluene	28.3	1.0	"	33.3		85.0	54.2-116	0.709	12.2	
Surrogate: 1,2-Dichloroethane-d4	12.7		"	13.3		95.5	80-120			
Surrogate: Toluene-d8	12.4		"	13.3		93.2	92.1-106			
Surrogate: 4-Bromofluorobenzene	11.8		"	13.3		88.7	84.5-110			

**Matrix Spike (8080302-MS1)**

Source: R807173-01

Prepared: 08/03/08 Analyzed: 08/04/08

Benzene	22.9	1.0	ug/l	33.3	ND	68.8	61.5-109			
Toluene	25.5	1.0	"	33.3	ND	76.6	55.6-113			
Surrogate: 1,2-Dichloroethane-d4	12.7		"	13.3		95.5	80-120			
Surrogate: Toluene-d8	12.1		"	13.3		91.0	92.1-106			
Surrogate: 4-Bromofluorobenzene	12.0		"	13.3		90.2	84.5-110			

Summit Scientific



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S<sub>2</sub>

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

Project: KMG - Magness 11-24A

Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
08/05/08 11:02

**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 8080302 - EPA 5030 Water MS**

Matrix Spike Dup (8080302-MSD1)		Source: R807173-01			Prepared: 08/03/08		Analyzed: 08/04/08			
Benzene	22.0	1.0	ug/l	33.3	ND	66.1	61.5-109	4.01	21.7	
Toluene	24.7	1.0	"	33.3	ND	74.2	55.6-113	3.19	9.18	
Surrogate: 1,2-Dichloroethane-d4	14.0		"	13.3		105	80-120			
Surrogate: Toluene-d8	12.4		"	13.3		93.2	92.1-106			
Surrogate: 4-Bromofluorobenzene	12.3		"	13.3		92.5	84.5-110			

Summit Scientific



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

Project: KMG - Magness 11-24A

Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
08/05/08 11:02

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

Summit Scientific



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# Summit Scientific

---

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

November 04, 2008

John Cocroft  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: KMG - Magness 11-24A

Enclosed are the results of analyses for samples received by Summit Scientific on 10/28/08 16:46. 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' followed by a long, sweeping horizontal line.

Paul Shrewsbury For Ben Shrewsbury  
Vice President / Laboratory Director

S<sub>2</sub>

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

Project: KMG - Magness 11-24A

Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
11/04/08 14:22

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R810153-01	Water	10/28/08 13:10	10/28/08 16:46
MW02	R810153-02	Water	10/28/08 13:20	10/28/08 16:46
MW03	R810153-03	Water	10/28/08 13:30	10/28/08 16:46
MW04	R810153-04	Water	10/28/08 13:40	10/28/08 16:46
MW05	R810153-05	Water	10/28/08 13:50	10/28/08 16:46
MW06	R810153-06	Water	10/28/08 14:00	10/28/08 16:46
MSW	R810153-07	Water	10/28/08 14:10	10/28/08 16:46

Summit Scientific



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

Project: KMG - Magness 11-24A  
Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
11/04/08 14:22

Summit Scientific R810163  
Page 1 of 1

741 Corporate Circle - Suite 1  
Golden, Colorado 80401  
303.277.0310 - 303.374.5933 Fax

Client: LT Environmental, Inc.  
Project: KMG - Magness 11-24A  
Project Manager: John Cocroft  
Project Number: kmg07322

Number	Sample Identification	Matrix	Type	Sample Date	Sample Time	Sampled By	Container	Qty	Analyses
01-001	MW01	Water	Field Sample	10-29-08	1710	JSF	Vac Vial - HCL	2	8360B BTEX_I.V.M
02-001	MW02	Water	Field Sample		1720		Vac Vial - HCL	2	8360B BTEX_I.V.M
03-001	MW03	Water	Field Sample		1730		Vac Vial - HCL	2	8360B BTEX_I.V.M
04-001	MW04	Water	Field Sample		1740		Vac Vial - HCL	2	8360B BTEX_I.V.M
05-001	MW05	Water	Field Sample		1750		Vac Vial - HCL	2	8360B BTEX_I.V.M
06-001	MW06	Water	Field Sample		1800		Vac Vial - HCL	2	8360B BTEX_I.V.M
07-001	MSW	Water	Field Sample		1740		Vac Vial - HCL	2	8360B BTEX_I.V.M

Turn Around Time (Check)

Spec Fee ☐  
21.00 ☒  
Standard ☐  
45.00 ☐

Sample Integrity:

Computer Print Receipt 43

Requisitioned By: \_\_\_\_\_ Date Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date Time: \_\_\_\_\_

Requisitioned By: \_\_\_\_\_ Date Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date Time: \_\_\_\_\_

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 - Magness 11-24A  
Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
11/04/08 14:22

**MW01**  
**R810153-01 (Water)**

**Summit Scientific**

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

Date Sampled: 10/28/08 13:10

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	8102904	10/29/08	10/30/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 10/28/08 13:10

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		107 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		99.2 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.7 %	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.*

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

Project: KMG - Magness 11-24A  
Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
11/04/08 14:22

**MW02**  
**R810153-02 (Water)**

**Summit Scientific**

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

Date Sampled: 10/28/08 13:20

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	8102904	10/29/08	10/30/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 10/28/08 13:20

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		105 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		98.5 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.5 %	85.3-109		"	"	"	"	

Summit Scientific



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

Project: KMG - Magness 11-24A

Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
11/04/08 14:22

**MW03**  
**R810153-03 (Water)**

**Summit Scientific**

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

Date Sampled: 10/28/08 13:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	8102904	10/29/08	10/30/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 10/28/08 13:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		108 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		98.5 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.2 %	85.3-109		"	"	"	"	

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

Project: KMG - Magness 11-24A  
Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
11/04/08 14:22

**MW04**  
**R810153-04 (Water)**

**Summit Scientific**

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

Date Sampled: 10/28/08 13:40

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	8102904	10/29/08	10/30/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 10/28/08 13:40

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		109 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		99.2 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.2 %	85.3-109		"	"	"	"	

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

Project: KMG - Magness 11-24A  
Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
11/04/08 14:22

**MW05**  
**R810153-05 (Water)**

**Summit Scientific**

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

Date Sampled: 10/28/08 13:50

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	8102904	10/29/08	10/30/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 10/28/08 13:50

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		108 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		97.0 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.5 %	85.3-109		"	"	"	"	

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

Project: KMG - Magness 11-24A  
Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
11/04/08 14:22

**MW06**  
**R810153-06 (Water)**

**Summit Scientific**

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

Date Sampled: 10/28/08 14:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	8102904	10/29/08	10/30/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 10/28/08 14:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		110 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		99.2 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.2 %	85.3-109		"	"	"	"	

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

Project: KMG - Magness 11-24A  
Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
11/04/08 14:22

**MSW**  
**R810153-07 (Water)**

**Summit Scientific**

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

Date Sampled: 10/28/08 14:10

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	8102904	10/29/08	10/30/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 10/28/08 14:10

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		109 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		100 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.2 %	85.3-109		"	"	"	"	

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

Project: KMG - Magness 11-24A  
Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
11/04/08 14:22

**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 8102904 - EPA 5030 Water MS**

**Blank (8102904-BLK1)**

Prepared: 10/29/08 Analyzed: 10/30/08

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	13.9		"	13.3		105	77.3-121			
Surrogate: Toluene-d8	13.1		"	13.3		98.5	91.4-107			
Surrogate: 4-Bromofluorobenzene	12.6		"	13.3		94.7	85.3-109			

**LCS (8102904-BS1)**

Prepared & Analyzed: 10/29/08

Benzene	27.1	1.0	ug/l	33.3		81.4	70-114			
Toluene	31.3	1.0	"	33.3		94.0	72.7-116			
Surrogate: 1,2-Dichloroethane-d4	14.0		"	13.3		105	77.3-121			
Surrogate: Toluene-d8	13.1		"	13.3		98.5	91.4-107			
Surrogate: 4-Bromofluorobenzene	12.3		"	13.3		92.5	85.3-109			

**LCS Dup (8102904-BSD1)**

Prepared: 10/29/08 Analyzed: 10/30/08

Benzene	26.2	1.0	ug/l	33.3		78.7	70-114	3.38	8.14	
Toluene	30.4	1.0	"	33.3		91.3	72.7-116	2.92	7.88	
Surrogate: 1,2-Dichloroethane-d4	14.0		"	13.3		105	77.3-121			
Surrogate: Toluene-d8	13.0		"	13.3		97.7	91.4-107			
Surrogate: 4-Bromofluorobenzene	12.2		"	13.3		91.7	85.3-109			

**Matrix Spike (8102904-MS1)**

Source: R810141-05

Prepared: 10/29/08 Analyzed: 10/30/08

Benzene	26.0	1.0	ug/l	33.3	ND	78.1	66.8-117			
Toluene	29.8	1.0	"	33.3	ND	89.5	71.5-117			
Surrogate: 1,2-Dichloroethane-d4	14.7		"	13.3		111	77.3-121			
Surrogate: Toluene-d8	13.0		"	13.3		97.7	91.4-107			
Surrogate: 4-Bromofluorobenzene	12.4		"	13.3		93.2	85.3-109			

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

Project: KMG - Magness 11-24A

Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
11/04/08 14:22

**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 8102904 - EPA 5030 Water MS**

Matrix Spike Dup (8102904-MSD1)		Source: R810141-05		Prepared: 10/29/08		Analyzed: 10/30/08				
Benzene	19.2	1.0	ug/l	33.3	ND	57.7	66.8-117	30.1	17.8	
Toluene	21.9	1.0	"	33.3	ND	65.8	71.5-117	30.6	14.4	
Surrogate: 1,2-Dichloroethane-d4	16.1		"	13.3		121	77.3-121			
Surrogate: Toluene-d8	13.1		"	13.3		98.5	91.4-107			
Surrogate: 4-Bromofluorobenzene	12.7		"	13.3		95.5	85.3-109			

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Arvada CO, 80003

Project: KMG - Magness 11-24A

Project Number: kmg07322  
Project Manager: John Cocroft

Reported:  
11/04/08 14:22

### 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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