

# Summit Scientific

---

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

February 25, 2010

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Gardner 12-19

Enclosed are the results of analyses for samples received by Summit Scientific on 11/25/08 18:30. 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  
President / Laboratory Director



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

**Reported:**  
02/25/10 11:39

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GW01	R811155-01	Water	11/25/08 17:05	11/25/08 18:30
B02@2.5'	R811155-02	Soil	11/25/08 16:47	11/25/08 18:30
E03@2.5'	R811155-03	Soil	11/25/08 16:40	11/25/08 18:30
W02@2.5'	R811155-04	Soil	11/25/08 16:30	11/25/08 18:30
E04@2.5'	R811155-05	Soil	11/25/08 16:45	11/25/08 18:30
E01@2.5'	R811155-06	Soil	11/25/08 16:43	11/25/08 18:30
B01@2.5'	R811155-07	Soil	11/25/08 16:38	11/25/08 18:30
E05@2.5'	R811155-08	Soil	11/25/08 16:37	11/25/08 18:30
N02@2.5'	R811155-09	Soil	11/25/08 16:43	11/25/08 18:30

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.*



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

Reported:  
02/25/10 11:39

Summit Scientific *2811155*

741 Corporate Circle Suite 1 • Golden, Colorado 80401  
303-277-9510 • 303-277-9531 Fax

Page 1 of 1

Client: \_\_\_\_\_  
Address: \_\_\_\_\_  
City/State/Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Project Manager: *John Peterson*  
E-Mail: \_\_\_\_\_  
Project Name: *Gardner 12-19*  
Fax: \_\_\_\_\_  
Project Number: *PDC08179*  
Sampler Name: \_\_\_\_\_

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:	Special Instructions	
				HCl	HNO <sub>3</sub>	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)			
G2001	11/25/08	17:05	2	X										
B02@2.5'	11/25/08	16:47	1											
E03@2.5'	11/25/08	16:40	1											
W02@2.5'	11/25/08	16:30	1											
E04@2.5'	11/25/08	16:45	1											
B01@2.5'	11/25/08	16:43	1											
B01@2.5'	11/25/08	16:36	1											
E05@2.5'	11/25/08	16:39	1											
W02@2.5'	11/25/08	16:43	1											
Relinquished by:	Date Time:	Received by:		Date Time:	Turn Around Time (Check)		Notes:							
<i>CA</i>	11/25/08 18:39				<input checked="" type="checkbox"/> Same Day <input type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 72 Hours <input type="checkbox"/> Standard									
Relinquished by:	Date Time:	Received by:		Date Time:	Sample Integrity:		Temperature Upon Receipt:							
					<input checked="" type="checkbox"/> Intact <input type="checkbox"/> No		48							

www.s2scientific.com



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 02/25/10 11:39

**GW01**  
**R811155-01 (Water)**

**Summit Scientific**

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

Date Sampled: 11/25/08 17:05

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>520</b>	10	ug/l	10	8112508	11/25/08	11/25/08	EPA 8260B	
<b>Toluene</b>	<b>590</b>	10	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>160</b>	1.0	"	1	"	"	11/25/08	"	
<b>Xylenes (total)</b>	<b>1300</b>	10	"	10	"	"	"	"	

Date Sampled: 11/25/08 17:05

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.9 %	77.3-121		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		102 %	91.4-107		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		89.9 %	85.3-109		"	"	"	"	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 02/25/10 11:39

**B02@2.5'**  
**R811155-02 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 11/25/08 16:47

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	8112509	11/25/08	11/26/08	8015 Full Carbon Chain	
C10-C28 (DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
C6-C36 TPH	ND	50	"	"	"	"	"	"	

Date Sampled: 11/25/08 16:47

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		105 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		101 %	73.9-116		"	"	"	"	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 02/25/10 11:39

**E03@2.5'**  
**R811155-03 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 11/25/08 16:40

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	8112509	11/25/08	11/26/08	8015 Full Carbon Chain	
C10-C28 (DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
C6-C36 TPH	ND	50	"	"	"	"	"	"	

Date Sampled: 11/25/08 16:40

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		107 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		101 %	73.9-116		"	"	"	"	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 02/25/10 11:39

**W02@2.5'**  
**R811155-04 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 11/25/08 16:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	8112509	11/25/08	11/26/08	8015 Full Carbon Chain	
<b>C10-C28 (DRO)</b>	<b>120</b>	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
<b>C6-C36 TPH</b>	<b>120</b>	50	"	"	"	"	"	"	

Date Sampled: 11/25/08 16:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		108 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		98.8 %	73.9-116		"	"	"	"	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

Reported:  
 02/25/10 11:39

**E04@2.5'**  
**R811155-05 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 11/25/08 16:45

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C6-C10 (GRO)</b>	<b>100</b>	50	mg/kg	1	8112509	11/25/08	11/26/08	8015 Full Carbon Chain	
<b>C10-C28 (DRO)</b>	<b>440</b>	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
<b>C6-C36 TPH</b>	<b>550</b>	50	"	"	"	"	"	"	

Date Sampled: 11/25/08 16:45

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

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 02/25/10 11:39

**E01@2.5'**  
**R811155-06 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 11/25/08 16:43

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	8112509	11/25/08	11/26/08	8015 Full Carbon Chain	
<b>C10-C28 (DRO)</b>	<b>59</b>	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
<b>C6-C36 TPH</b>	<b>59</b>	50	"	"	"	"	"	"	

Date Sampled: 11/25/08 16:43

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		108 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		104 %	73.9-116		"	"	"	"	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 02/25/10 11:39

**B01@2.5'**  
**R811155-07 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 11/25/08 16:38

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	8112509	11/25/08	11/26/08	8015 Full Carbon Chain	
C10-C28 (DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
C6-C36 TPH	ND	50	"	"	"	"	"	"	

Date Sampled: 11/25/08 16:38

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		107 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		102 %	73.9-116		"	"	"	"	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

Reported:  
 02/25/10 11:39

**E05@2.5'**  
**R811155-08 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 11/25/08 16:37

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C6-C10 (GRO)</b>	<b>370</b>	50	mg/kg	1	8112509	11/25/08	11/26/08	8015 Full Carbon Chain	
<b>C10-C28 (DRO)</b>	<b>920</b>	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
<b>C6-C36 TPH</b>	<b>1300</b>	50	"	"	"	"	"	"	

Date Sampled: 11/25/08 16:37

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		114 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		96.3 %	73.9-116		"	"	"	"	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 02/25/10 11:39

**N02@2.5'**  
**R811155-09 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 11/25/08 16:43

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	8112509	11/25/08	11/26/08	8015 Full Carbon Chain	
C10-C28 (DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
C6-C36 TPH	ND	50	"	"	"	"	"	"	

Date Sampled: 11/25/08 16:43

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		107 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		102 %	73.9-116		"	"	"	"	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

Reported:  
02/25/10 11:39

**Total 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 8112509 - EPA 3550A**

**Blank (8112509-BLK1)**

Prepared: 11/25/08 Analyzed: 11/26/08

C6-C10 (GRO)	ND	50	mg/kg								
C10-C28 (DRO)	ND	50	"								
C28-C36 (ORO)	ND	50	"								
C6-C36 TPH	ND	50	"								
Surrogate: <i>o</i> -Terphenyl	53.1		"	50.0	106	88.8-124					
Surrogate: Trifluorotoluene	99.6		"	100	99.6	81.5-126					

**LCS (8112509-BS1)**

Prepared: 11/25/08 Analyzed: 11/26/08

C10-C28 (DRO)	548	50	mg/kg	500	110	81.4-129			9.26		
---------------	-----	----	-------	-----	-----	----------	--	--	------	--	--

**LCS Dup (8112509-BSD1)**

Prepared: 11/25/08 Analyzed: 11/26/08

C10-C28 (DRO)	514	50	mg/kg	500	103	81.4-129		6.31	9.26		
---------------	-----	----	-------	-----	-----	----------	--	------	------	--	--

**Matrix Spike (8112509-MS1)**

Source: R811154-01

Prepared: 11/25/08 Analyzed: 11/26/08

C10-C28 (DRO)	516	50	mg/kg	500	ND	103	77.8-133			8.48	
---------------	-----	----	-------	-----	----	-----	----------	--	--	------	--

**Matrix Spike Dup (8112509-MSD1)**

Source: R811154-01

Prepared: 11/25/08 Analyzed: 11/26/08

C10-C28 (DRO)	525	50	mg/kg	500	ND	105	77.8-133	1.78		8.48	
---------------	-----	----	-------	-----	----	-----	----------	------	--	------	--

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

Reported:  
02/25/10 11:39

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

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

**Batch 8112508 - EPA 5030 Water MS**

**Blank (8112508-BLK1)**

Prepared & Analyzed: 11/25/08

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	70.4-127				
Surrogate: Toluene-d8	13.5		"	13.3	101	85.7-111				
Surrogate: 4-Bromofluorobenzene	13.9		"	13.3	104	83.9-116				

**LCS (8112508-BS1)**

Prepared & Analyzed: 11/25/08

Benzene	29.1	1.0	ug/l	33.3	87.2	64.2-127			10.9	
Toluene	30.3	1.0	"	33.3	91.0	66.4-125			11.3	
Surrogate: 1,2-Dichloroethane-d4	12.8		"	13.3	96.1	70.4-127				
Surrogate: Toluene-d8	13.6		"	13.3	102	85.7-111				
Surrogate: 4-Bromofluorobenzene	13.6		"	13.3	102	83.9-116				

**LCS Dup (8112508-BSD1)**

Prepared & Analyzed: 11/25/08

Benzene	27.6	1.0	ug/l	33.3	82.8	64.2-127	5.22		10.9	
Toluene	27.7	1.0	"	33.3	83.1	66.4-125	9.10		11.3	
Surrogate: 1,2-Dichloroethane-d4	12.7		"	13.3	95.3	70.4-127				
Surrogate: Toluene-d8	13.4		"	13.3	101	85.7-111				
Surrogate: 4-Bromofluorobenzene	13.6		"	13.3	102	83.9-116				

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

**Reported:**  
02/25/10 11:39

### Notes and Definitions

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

# Summit Scientific

---

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

December 01, 2008

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Gardner 12-19

Enclosed are the results of analyses for samples received by Summit Scientific on 11/26/08 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 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: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

**Reported:**  
12/01/08 08:11

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S02@2.5'	R811159-01	Soil	11/26/08 15:40	11/26/08 17:00
W03@2.5'	R811159-02	Soil	11/26/08 15:50	11/26/08 17:00
E02@2.5'	R811159-03	Soil	11/26/08 15:45	11/26/08 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: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

**Reported:**  
12/01/08 08:11

**S02@2.5'**  
**R811159-01 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 11/26/08 15:40

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	8112608	11/26/08	11/26/08	8015 Full Carbon Chain	
C10-C28 (DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
C6-C36 TPH	ND	50	"	"	"	"	"	"	

Date Sampled: 11/26/08 15:40

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		101 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		95.2 %	73.9-116		"	"	"	"	

Summit Scientific



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

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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

Reported:  
12/01/08 08:11

**W03@2.5'**  
**R811159-02 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 11/26/08 15:50

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	8112608	11/26/08	11/26/08	8015 Full Carbon Chain	
C10-C28 (DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
C6-C36 TPH	ND	50	"	"	"	"	"	"	

Date Sampled: 11/26/08 15:50

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		102 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		96.2 %	73.9-116		"	"	"	"	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

**Reported:**  
12/01/08 08:11

**E02@2.5'**  
**R811159-03 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 11/26/08 15:45

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	8112608	11/26/08	11/26/08	8015 Full Carbon Chain	
C10-C28 (DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
C6-C36 TPH	ND	50	"	"	"	"	"	"	

Date Sampled: 11/26/08 15:45

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		100 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		95.3 %	73.9-116		"	"	"	"	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

**Reported:**  
12/01/08 08:11

## Total Petroleum Hydrocarbons by 8015 - Quality Control Summit Scientific

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

### Batch 8112608 - EPA 3550A

#### Blank (8112608-BLK1)

Prepared: 11/26/08 Analyzed: 11/27/08

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

#### LCS (8112608-BS1)

Prepared: 11/26/08 Analyzed: 11/27/08

C10-C28 (DRO)	492	50	mg/kg	500		98.4	83.3-127			
---------------	-----	----	-------	-----	--	------	----------	--	--	--

#### LCS Dup (8112608-BSD1)

Prepared: 11/26/08 Analyzed: 11/27/08

C10-C28 (DRO)	511	50	mg/kg	500		102	83.3-127	3.79	15	
---------------	-----	----	-------	-----	--	-----	----------	------	----	--

#### Matrix Spike (8112608-MS1)

Source: R811158-01

Prepared: 11/26/08 Analyzed: 11/27/08

C10-C28 (DRO)	491	50	mg/kg	500	ND	98.2	75.8-126			
---------------	-----	----	-------	-----	----	------	----------	--	--	--

#### Matrix Spike Dup (8112608-MSD1)

Source: R811158-01

Prepared: 11/26/08 Analyzed: 11/27/08

C10-C28 (DRO)	493	50	mg/kg	500	ND	98.6	75.8-126	0.407	13.6	
---------------	-----	----	-------	-----	----	------	----------	-------	------	--

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

**Reported:**  
12/01/08 08:11

**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 ♦ 303.277.9531 - fax

July 27, 2009

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Gardner 12-19

Enclosed are the results of analyses for samples received by Summit Scientific on 07/23/09 16:36. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'LS' with a long horizontal flourish extending to the right.

Logan Shrewsbury For Ben Shrewsbury  
President / Laboratory Director



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

**Reported:**  
07/27/09 14:53

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R907133-01	Water	07/22/09 15:30	07/23/09 16:36
MW02	R907133-02	Water	07/22/09 15:40	07/23/09 16:36
MW03	R907133-03	Water	07/22/09 15:50	07/23/09 16:36
MW04	R907133-04	Water	07/22/09 16:00	07/23/09 16:36

Summit Scientific

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





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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 07/27/09 14:53

**MW01**  
**R907133-01 (Water)**

**Summit Scientific**

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

Date Sampled: **07/22/09 15:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9072408	07/24/09	07/25/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **07/22/09 15:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		82.7 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		94.7 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.5 %	85.3-109		"	"	"	"	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 07/27/09 14:53

**MW02**  
**R907133-02 (Water)**

**Summit Scientific**

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

Date Sampled: **07/22/09 15:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9072408	07/24/09	07/26/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **07/22/09 15:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		79.7 %	77.3-121		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		94.7 %	91.4-107		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.0 %	85.3-109		"	"	"	"	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 07/27/09 14:53

**MW03**  
**R907133-03 (Water)**

**Summit Scientific**

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

Date Sampled: **07/22/09 15:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9072408	07/24/09	07/26/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **07/22/09 15:50**

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>		94.0 %	91.4-107		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.2 %	85.3-109		"	"	"	"	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 07/27/09 14:53

**MW04**

**R907133-04 (Water)**

**Summit Scientific**

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

Date Sampled: **07/22/09 16:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9072408	07/24/09	07/27/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **07/22/09 16:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.7 %	77.3-121		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99.2 %	91.4-107		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.7 %	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.*



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

Reported:  
07/27/09 14:53

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

**Summit Scientific**

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

**Batch 9072408 - EPA 5030 Water MS**

**Blank (9072408-BLK1)**

Prepared: 07/24/09 Analyzed: 07/25/09

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	1.0	"								
Surrogate: 1,2-Dichloroethane-d4	12.9		"	13.3		97.0	77.3-121				
Surrogate: Toluene-d8	12.8		"	13.3		96.2	91.4-107				
Surrogate: 4-Bromofluorobenzene	12.2		"	13.3		91.7	85.3-109				

**LCS (9072408-BS1)**

Prepared: 07/24/09 Analyzed: 07/25/09

Benzene	24.4	1.0	ug/l	33.3		73.3	70-114				
Toluene	26.3	1.0	"	33.3		79.0	72.7-116				
Surrogate: 1,2-Dichloroethane-d4	12.5		"	13.3		94.0	77.3-121				
Surrogate: Toluene-d8	12.7		"	13.3		95.5	91.4-107				
Surrogate: 4-Bromofluorobenzene	11.8		"	13.3		88.7	85.3-109				

**LCS Dup (9072408-BSD1)**

Prepared: 07/24/09 Analyzed: 07/25/09

Benzene	25.0	1.0	ug/l	33.3		75.1	70-114	2.43	8.14		
Toluene	26.7	1.0	"	33.3		80.2	72.7-116	1.51	7.88		
Surrogate: 1,2-Dichloroethane-d4	12.6		"	13.3		94.7	77.3-121				
Surrogate: Toluene-d8	12.7		"	13.3		95.5	91.4-107				
Surrogate: 4-Bromofluorobenzene	11.8		"	13.3		88.7	85.3-109				

**Matrix Spike (9072408-MS1)**

Source: R907131-01

Prepared: 07/24/09 Analyzed: 07/25/09

Benzene	24.4	1.0	ug/l	33.3	ND	73.3	66.8-117				
Toluene	26.4	1.0	"	33.3	ND	79.3	71.5-117				
Surrogate: 1,2-Dichloroethane-d4	13.1		"	13.3		98.5	77.3-121				
Surrogate: Toluene-d8	12.8		"	13.3		96.2	91.4-107				
Surrogate: 4-Bromofluorobenzene	11.8		"	13.3		88.7	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.



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 07/27/09 14:53

**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 9072408 - EPA 5030 Water MS**

<b>Matrix Spike Dup (9072408-MSD1)</b>	<b>Source: R907131-01</b>			Prepared: 07/24/09	Analyzed: 07/25/09					
Benzene	27.0	1.0	ug/l	33.3	ND	81.1	66.8-117	10.1	17.8	
Toluene	28.6	1.0	"	33.3	ND	85.9	71.5-117	8.00	14.4	
Surrogate: 1,2-Dichloroethane-d4	13.6		"	13.3		102	77.3-121			
Surrogate: Toluene-d8	13.1		"	13.3		98.5	91.4-107			
Surrogate: 4-Bromofluorobenzene	11.6		"	13.3		87.2	85.3-109			

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

**Reported:**  
07/27/09 14:53

### 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

January 10, 2009

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Gardner 12-19

Enclosed are the results of analyses for samples received by Summit Scientific on 01/06/09 16:53. 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: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

**Reported:**  
01/10/09 19:31

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R901028-01	Water	01/06/09 10:30	01/06/09 16:53
MW02	R901028-02	Water	01/06/09 10:45	01/06/09 16:53
MW03	R901028-03	Water	01/06/09 11:00	01/06/09 16:53
MW04	R901028-04	Water	01/06/09 11:15	01/06/09 16:53

Summit Scientific

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





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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 01/10/09 19:31

**MW01**  
**R901028-01 (Water)**

**Summit Scientific**

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

Date Sampled: **01/06/09 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9010706	01/07/09	01/08/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **01/06/09 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>116 %</i>	<i>77.3-121</i>		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		<i>101 %</i>	<i>91.4-107</i>		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>99.2 %</i>	<i>85.3-109</i>		"	"	"	"	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 01/10/09 19:31

**MW02**  
**R901028-02 (Water)**

**Summit Scientific**

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

Date Sampled: **01/06/09 10:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9010706	01/07/09	01/08/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **01/06/09 10:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>117 %</i>	<i>77.3-121</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>100 %</i>	<i>91.4-107</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>99.2 %</i>	<i>85.3-109</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 01/10/09 19:31

**MW03**  
**R901028-03 (Water)**

**Summit Scientific**

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

Date Sampled: **01/06/09 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9010706	01/07/09	01/08/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **01/06/09 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>119 %</i>	<i>77.3-121</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>102 %</i>	<i>91.4-107</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>97.7 %</i>	<i>85.3-109</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 01/10/09 19:31

**MW04**  
**R901028-04 (Water)**

**Summit Scientific**

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

Date Sampled: **01/06/09 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9010706	01/07/09	01/08/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **01/06/09 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>117 %</i>	<i>77.3-121</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>102 %</i>	<i>91.4-107</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>96.2 %</i>	<i>85.3-109</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

Reported:  
01/10/09 19:31

**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 9010706 - EPA 5030 Water MS**

**Blank (9010706-BLK1)**

Prepared & Analyzed: 01/07/09

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	15.9		"	13.3	120	77.3-121				
Surrogate: Toluene-d8	13.8		"	13.3	104	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.1		"	13.3	98.5	85.3-109				

**LCS (9010706-BS1)**

Prepared & Analyzed: 01/07/09

Benzene	23.8	1.0	ug/l	33.3	71.5	70-114				
Toluene	25.8	1.0	"	33.3	77.5	72.7-116				
Surrogate: 1,2-Dichloroethane-d4	15.5		"	13.3	117	77.3-121				
Surrogate: Toluene-d8	13.6		"	13.3	102	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.1		"	13.3	98.5	85.3-109				

**LCS Dup (9010706-BSD1)**

Prepared & Analyzed: 01/07/09

Benzene	23.8	1.0	ug/l	33.3	71.5	70-114	0.00	8.14		
Toluene	25.1	1.0	"	33.3	75.4	72.7-116	2.75	7.88		
Surrogate: 1,2-Dichloroethane-d4	15.7		"	13.3	118	77.3-121				
Surrogate: Toluene-d8	13.6		"	13.3	102	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.1		"	13.3	98.5	85.3-109				

**Matrix Spike (9010706-MS1)**

Source: R901021-01

Prepared: 01/07/09 Analyzed: 01/08/09

Benzene	23.1	1.0	ug/l	33.3	ND	69.4	66.8-117			
Toluene	25.0	1.0	"	33.3	ND	75.1	71.5-117			
Surrogate: 1,2-Dichloroethane-d4	15.8		"	13.3		119	77.3-121			
Surrogate: Toluene-d8	13.7		"	13.3		103	91.4-107			
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3		101	85.3-109			

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 01/10/09 19:31

**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 9010706 - EPA 5030 Water MS**

<b>Matrix Spike Dup (9010706-MSD1)</b>	<b>Source: R901021-01</b>			Prepared: 01/07/09	Analyzed: 01/08/09					
Benzene	24.0	1.0	ug/l	33.3	ND	72.1	66.8-117	3.82	17.8	
Toluene	25.9	1.0	"	33.3	ND	77.8	71.5-117	3.54	14.4	
Surrogate: 1,2-Dichloroethane-d4	20.0		"	13.3		150	77.3-121			
Surrogate: Toluene-d8	13.3		"	13.3		100	91.4-107			
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3		100	85.3-109			

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

**Reported:**  
01/10/09 19:31

### 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

May 04, 2009

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Gardner 12-19

Enclosed are the results of analyses for samples received by Summit Scientific on 04/24/09 15:40. 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: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

**Reported:**  
05/04/09 16:44

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R904127-01	Water	04/23/09 14:30	04/24/09 15:40
MW02	R904127-02	Water	04/23/09 14:40	04/24/09 15:40
MW03	R904127-03	Water	04/23/09 14:50	04/24/09 15:40
MW04	R904127-04	Water	04/23/09 15:00	04/24/09 15:40

Summit Scientific

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





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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 05/04/09 16:44

**MW01**  
**R904127-01 (Water)**

**Summit Scientific**

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

Date Sampled: **04/23/09 14:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9042701	04/27/09	05/02/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **04/23/09 14:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>115 %</i>	<i>77.3-121</i>		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		<i>97.0 %</i>	<i>91.4-107</i>		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>103 %</i>	<i>85.3-109</i>		"	"	"	"	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 05/04/09 16:44

**MW02**  
**R904127-02 (Water)**

**Summit Scientific**

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

Date Sampled: **04/23/09 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9042701	04/27/09	05/02/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **04/23/09 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>114 %</i>	<i>77.3-121</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>96.2 %</i>	<i>91.4-107</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>102 %</i>	<i>85.3-109</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 05/04/09 16:44

**MW03**  
**R904127-03 (Water)**

**Summit Scientific**

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

Date Sampled: **04/23/09 14:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9042701	04/27/09	05/02/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **04/23/09 14:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>117 %</i>	<i>77.3-121</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>95.5 %</i>	<i>91.4-107</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>102 %</i>	<i>85.3-109</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 05/04/09 16:44

**MW04**  
**R904127-04 (Water)**

**Summit Scientific**

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

Date Sampled: **04/23/09 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9042701	04/27/09	05/02/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **04/23/09 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>117 %</i>	<i>77.3-121</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>96.2 %</i>	<i>91.4-107</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>101 %</i>	<i>85.3-109</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

Reported:  
05/04/09 16:44

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

**Summit Scientific**

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

**Batch 9042701 - EPA 5030 Water MS**

**Blank (9042701-BLK1)**

Prepared: 04/27/09 Analyzed: 04/28/09

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	1.0	"								
Surrogate: 1,2-Dichloroethane-d4	15.5		"	13.3		117	77.3-121				
Surrogate: Toluene-d8	13.3		"	13.3		100	91.4-107				
Surrogate: 4-Bromofluorobenzene	14.0		"	13.3		105	85.3-109				

**LCS (9042701-BS1)**

Prepared: 04/27/09 Analyzed: 04/28/09

Benzene	29.5	1.0	ug/l	33.3		88.6	70-114				
Toluene	31.9	1.0	"	33.3		95.8	72.7-116				
Surrogate: 1,2-Dichloroethane-d4	15.7		"	13.3		118	77.3-121				
Surrogate: Toluene-d8	13.4		"	13.3		101	91.4-107				
Surrogate: 4-Bromofluorobenzene	14.0		"	13.3		105	85.3-109				

**LCS Dup (9042701-BSD1)**

Prepared: 04/27/09 Analyzed: 04/28/09

Benzene	28.9	1.0	ug/l	33.3		86.8	70-114	2.05	8.14		
Toluene	31.1	1.0	"	33.3		93.4	72.7-116	2.54	7.88		
Surrogate: 1,2-Dichloroethane-d4	16.0		"	13.3		120	77.3-121				
Surrogate: Toluene-d8	13.3		"	13.3		100	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.6		"	13.3		102	85.3-109				

**Matrix Spike (9042701-MS1)**

Source: R904127-01

Prepared: 04/27/09 Analyzed: 04/28/09

Benzene	29.0	1.0	ug/l	33.3	ND	87.1	66.8-117				
Toluene	30.9	1.0	"	33.3	ND	92.8	71.5-117				
Surrogate: 1,2-Dichloroethane-d4	15.2		"	13.3		114	77.3-121				
Surrogate: Toluene-d8	13.2		"	13.3		99.2	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.6		"	13.3		102	85.3-109				

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 05/04/09 16:44

**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 9042701 - EPA 5030 Water MS**

<b>Matrix Spike Dup (9042701-MSD1)</b>	<b>Source: R904127-01</b>			Prepared: 04/27/09	Analyzed: 04/29/09					
Benzene	26.7	1.0	ug/l	33.3	ND	80.2	66.8-117	8.26	17.8	
Toluene	29.3	1.0	"	33.3	ND	88.0	71.5-117	5.32	14.4	
Surrogate: 1,2-Dichloroethane-d4	15.4		"	13.3		116	77.3-121			
Surrogate: Toluene-d8	13.2		"	13.3		99.2	91.4-107			
Surrogate: 4-Bromofluorobenzene	13.9		"	13.3		105	85.3-109			

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

**Reported:**  
05/04/09 16:44

### 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

December 16, 2009

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Gardner 12-19

Enclosed are the results of analyses for samples received by Summit Scientific on 12/10/09 16:50. 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  
President / Laboratory Director



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

**Reported:**  
12/16/09 14:34

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R912056-01	Water	12/10/09 10:15	12/10/09 16:50
MW02	R912056-02	Water	12/10/09 10:20	12/10/09 16:50
MW03	R912056-03	Water	12/10/09 10:25	12/10/09 16:50
MW04	R912056-04	Water	12/10/09 10:30	12/10/09 16:50

Summit Scientific

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

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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

Reported:  
12/16/09 14:34

Summit Scientific *S<sub>2</sub>* 1912054

741 Corporate Circle Suite 1 • Golden, Colorado 80401  
303-277-9310 • 303-277-9531 Fax

Page 1 of 1

Client: LT Environmental, Inc.  
Address: 4600 West 60th Avenue  
City/State/Zip: Arvada, CO 80003  
Phone: (303) 433-9788  
Sampler Name: J. Kagan

Project Manager: ~~John Peterson~~ John Peterson  
E-Mail: ~~john.peterson@ltenv.com~~ john.peterson@ltenv.com  
Project Name: Gardner 12-19  
Project Number: PDC08179

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:				Special Instructions	Notes									
				HCl	HNO <sub>3</sub>	None	Other (Specify)	Soil	Air - Canister Serial #	Other (Specify)	DR/ORO	GBTEX	BTEX 3608	Table 9.10 Full	Table 9.10 Short			pH / EC	SAR							
MU001	12/10	1015	3	X				X						X	X	X										
MU002	12/10	1020	3	X				X						X	X	X										
MU003	12/10	1025	3	X				X						X	X	X										
MU004	12/10	1030	3	X				X						X	X	X										
Relinquished by: J. Kagan	Date/Time: 12/10 1050													Received by: [Signature]	Date/Time: 12/16/09 1650	Turn Around Time (Check): <input checked="" type="checkbox"/> 72 Hours Standard	Sample Integrity: 4.5 Temperature Upon Receipt: Intact: Yes <input checked="" type="checkbox"/> No									
Relinquished by:	Date/Time:													Received by:	Date/Time:	Same Day <input type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/>										
Relinquished by:	Date/Time:													Received in Lab by:	Date/Time:											

www.s2scientific.com



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 12/16/09 14:34

**MW01**  
**R912056-01 (Water)**

**Summit Scientific**

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

Date Sampled: 12/10/09 10:15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9121402	12/14/09	12/15/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 12/10/09 10:15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		79.1 %	74.3-129		"	"	"	"	
Surrogate: Toluene-d8		102 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	83.5-115		"	"	"	"	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 12/16/09 14:34

**MW02**  
**R912056-02 (Water)**

**Summit Scientific**

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

Date Sampled: 12/10/09 10:20

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9121402	12/14/09	12/15/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 12/10/09 10:20

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		88.3 %	74.3-129		"	"	"	"	
Surrogate: Toluene-d8		100 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	83.5-115		"	"	"	"	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 12/16/09 14:34

**MW03**  
**R912056-03 (Water)**

**Summit Scientific**

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

Date Sampled: 12/10/09 10:25

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9121402	12/14/09	12/15/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 12/10/09 10:25

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		93.0 %	74.3-129		"	"	"	"	
Surrogate: Toluene-d8		101 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	83.5-115		"	"	"	"	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
 Project Manager: John Peterson

**Reported:**  
 12/16/09 14:34

**MW04**  
**R912056-04 (Water)**

**Summit Scientific**

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

Date Sampled: 12/10/09 10:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9121402	12/14/09	12/15/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 12/10/09 10:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		91.3 %	74.3-129		"	"	"	"	
Surrogate: Toluene-d8		101 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	83.5-115		"	"	"	"	

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

**Reported:**  
12/16/09 14:34

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

**Summit Scientific**

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

**Batch 9121402 - EPA 5030 Water MS**

**Blank (9121402-BLK1)**

Prepared: 12/14/09 Analyzed: 12/15/09

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	1.0	"								
Surrogate: 1,2-Dichloroethane-d4	12.7		"	13.3		95.0	74.3-129				
Surrogate: Toluene-d8	13.0		"	13.3		97.1	87.7-110				
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3		100	83.5-115				

**LCS (9121402-BS1)**

Prepared: 12/14/09 Analyzed: 12/15/09

Benzene	33.8	1.0	ug/l	33.3		101	70-114			8.14	
Toluene	32.7	1.0	"	33.3		98.2	72.7-116			7.88	
Surrogate: 1,2-Dichloroethane-d4	11.7		"	13.3		88.1	74.3-129				
Surrogate: Toluene-d8	13.6		"	13.3		102	87.7-110				
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3		98.7	83.5-115				

**LCS Dup (9121402-BSD1)**

Prepared: 12/14/09 Analyzed: 12/15/09

Benzene	35.2	1.0	ug/l	33.3		106	70-114	4.18		8.14	
Toluene	34.2	1.0	"	33.3		103	72.7-116	4.42		7.88	
Surrogate: 1,2-Dichloroethane-d4	12.5		"	13.3		94.0	74.3-129				
Surrogate: Toluene-d8	13.1		"	13.3		98.5	87.7-110				
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3		99.6	83.5-115				

**Matrix Spike (9121402-MS1)**

Source: R912056-01

Prepared: 12/14/09 Analyzed: 12/15/09

Benzene	35.8	1.0	ug/l	33.3	ND	107	66.8-117			17.8	
Toluene	35.0	1.0	"	33.3	ND	105	71.5-117			14.4	
Surrogate: 1,2-Dichloroethane-d4	10.9		"	13.3		82.1	74.3-129				
Surrogate: Toluene-d8	13.4		"	13.3		100	87.7-110				
Surrogate: 4-Bromofluorobenzene	13.5		"	13.3		101	83.5-115				

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

**Reported:**  
12/16/09 14:34

**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 9121402 - EPA 5030 Water MS**

<b>Matrix Spike Dup (9121402-MSD1)</b>	<b>Source: R912056-01</b>			Prepared: 12/14/09	Analyzed: 12/15/09					
Benzene	30.8	1.0	ug/l	33.3	ND	92.5	66.8-117	14.8	17.8	
Toluene	29.9	1.0	"	33.3	ND	89.7	71.5-117	15.8	14.4	
Surrogate: 1,2-Dichloroethane-d4	15.0		"	13.3		112	74.3-129			
Surrogate: Toluene-d8	13.3		"	13.3		99.8	87.7-110			
Surrogate: 4-Bromofluorobenzene	14.0		"	13.3		105	83.5-115			

Summit Scientific

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



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

Project: PDC - Gardner 12-19

Project Number: PDC 08179  
Project Manager: John Peterson

**Reported:**  
12/16/09 14:34

### 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.*