

# Summit Scientific

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741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

September 11, 2008

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Leclerg 31-22

Enclosed are the results of analyses for samples received by Summit Scientific on 09/10/08 16:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'BS', with a long, sweeping horizontal line extending to the right.

Ben Shrewsbury  
Vice President / Laboratory Director



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

Project: PDC - Leclerg 31-22

Project Number: PDC08162  
Project Manager: John Peterson

**Reported:**  
09/11/08 07:03

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
N01@2'	R809061-01	Soil	09/10/08 14:40	09/10/08 16:25
S01@2'	R809061-02	Soil	09/10/08 14:43	09/10/08 16:25
B01@4'	R809061-03	Soil	09/10/08 14:47	09/10/08 16:25

Summit Scientific

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

Project: PDC - Leclerg 31-22

Project Number: PDC08162  
 Project Manager: John Peterson

**Reported:**  
 09/11/08 07:03

**N01@2'**  
**R809061-01 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: **09/10/08 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	8091005	09/10/08	09/10/08	8015 Full Carbon Chain	
C10-C28 (DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
C6-C36 TPH	ND	50	"	"	"	"	"	"	

Date Sampled: **09/10/08 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		109 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		98.8 %	73.9-116		"	"	"	"	

Summit Scientific

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

Project: PDC - Leclerg 31-22

Project Number: PDC08162  
 Project Manager: John Peterson

**Reported:**  
 09/11/08 07:03

**S01@2'**  
**R809061-02 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: **09/10/08 14:43**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	8091005	09/10/08	09/10/08	8015 Full Carbon Chain	
C10-C28 (DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
C6-C36 TPH	ND	50	"	"	"	"	"	"	

Date Sampled: **09/10/08 14:43**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		107 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		97.5 %	73.9-116		"	"	"	"	

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

Project: PDC - Leclerg 31-22

Project Number: PDC08162  
 Project Manager: John Peterson

**Reported:**  
 09/11/08 07:03

**B01@4'**  
**R809061-03 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: **09/10/08 14:47**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	8091005	09/10/08	09/10/08	8015 Full Carbon Chain	
C10-C28 (DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
C6-C36 TPH	ND	50	"	"	"	"	"	"	

Date Sampled: **09/10/08 14:47**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		110 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		99.4 %	73.9-116		"	"	"	"	

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Arvada CO, 80003

Project: PDC - Leclerg 31-22

Project Number: PDC08162  
Project Manager: John Peterson

**Reported:**  
09/11/08 07:03

**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 8091005 - EPA 3550A**

<b>Blank (8091005-BLK1)</b>				Prepared & Analyzed: 09/10/08							
C6-C10 (GRO)	ND	50	mg/kg								
C10-C28 (DRO)	ND	50	"								
C28-C36 (ORO)	ND	50	"								
C6-C36 TPH	ND	50	"								
<b>LCS (8091005-BS1)</b>				Prepared & Analyzed: 09/10/08							
C10-C28 (DRO)	622	50	mg/kg	500	124	83.3-127					
<b>LCS Dup (8091005-BSD1)</b>				Prepared & Analyzed: 09/10/08							
C10-C28 (DRO)	593	50	mg/kg	500	119	83.3-127	4.77	15			
<b>Matrix Spike (8091005-MS1)</b>				<b>Source: R809061-01</b>		Prepared & Analyzed: 09/10/08					
C10-C28 (DRO)	554	50	mg/kg	500	ND	111	75.8-126				
<b>Matrix Spike Dup (8091005-MSD1)</b>				<b>Source: R809061-01</b>		Prepared & Analyzed: 09/10/08					
C10-C28 (DRO)	562	50	mg/kg	500	ND	112	75.8-126	1.43	13.6		

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Arvada CO, 80003

Project: PDC - Leclerg 31-22

Project Number: PDC08162  
Project Manager: John Peterson

**Reported:**  
09/11/08 07:03

### 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

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# Summit Scientific

---

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September 15, 2008

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Leclerg 31-22

Enclosed are the results of analyses for samples received by Summit Scientific on 09/11/08 16:10. 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 - Leclerg 31-22

Project Number: PDC08162  
Project Manager: John Peterson

**Reported:**  
09/15/08 08:00

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W01@4'	R809062-01	Soil	09/11/08 15:05	09/11/08 16:10
E01@4'	R809062-02	Soil	09/11/08 15:10	09/11/08 16:10
N02@4'	R809062-03	Soil	09/11/08 15:13	09/11/08 16:10
S02@4'	R809062-04	Soil	09/11/08 15:16	09/11/08 16:10
GW01	R809062-05	Water	09/11/08 15:20	09/11/08 16:10

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 4600 West 60th Avenue  
 Arvada CO, 80003

Project: PDC - Leclerg 31-22

Project Number: PDC08162  
 Project Manager: John Peterson

**Reported:**  
 09/15/08 08:00

**W01@4'**  
**R809062-01 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: **09/11/08 15:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	8091103	09/11/08	09/12/08	8015 Full Carbon Chain	
C10-C28 (DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
C6-C36 TPH	ND	50	"	"	"	"	"	"	

Date Sampled: **09/11/08 15:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		202 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		185 %	73.9-116		"	"	"	"	

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 Arvada CO, 80003

Project: PDC - Leclerg 31-22

Project Number: PDC08162  
 Project Manager: John Peterson

**Reported:**  
 09/15/08 08:00

**E01@4'**  
**R809062-02 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: **09/11/08 15:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	8091103	09/11/08	09/12/08	8015 Full Carbon Chain	
C10-C28 (DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
C6-C36 TPH	ND	50	"	"	"	"	"	"	

Date Sampled: **09/11/08 15:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		272 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		248 %	73.9-116		"	"	"	"	

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Project: PDC - Leclerg 31-22

Project Number: PDC08162  
 Project Manager: John Peterson

**Reported:**  
 09/15/08 08:00

**N02@4'**  
**R809062-03 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: **09/11/08 15:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	8091103	09/11/08	09/12/08	8015 Full Carbon Chain	
C10-C28 (DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
C6-C36 TPH	ND	50	"	"	"	"	"	"	

Date Sampled: **09/11/08 15:13**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		160 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		155 %	73.9-116		"	"	"	"	

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 Arvada CO, 80003

Project: PDC - Leclerg 31-22

Project Number: PDC08162  
 Project Manager: John Peterson

**Reported:**  
 09/15/08 08:00

**S02@4'**  
**R809062-04 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: **09/11/08 15:16**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	8091103	09/11/08	09/12/08	8015 Full Carbon Chain	
C10-C28 (DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
C6-C36 TPH	ND	50	"	"	"	"	"	"	

Date Sampled: **09/11/08 15:16**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		109 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		111 %	73.9-116		"	"	"	"	

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 4600 West 60th Avenue  
 Arvada CO, 80003

Project: PDC - Leclerg 31-22

Project Number: PDC08162  
 Project Manager: John Peterson

**Reported:**  
 09/15/08 08:00

**GW01**  
**R809062-05 (Water)**

**Summit Scientific**

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

Date Sampled: **09/11/08 15:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>580</b>	10	ug/l	10	8091102	09/11/08	09/11/08	EPA 8260B	
<b>Toluene</b>	<b>810</b>	10	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>140</b>	10	"	"	"	"	09/11/08	"	
<b>Xylenes (total)</b>	<b>1200</b>	10	"	"	"	"	09/11/08	"	

Date Sampled: **09/11/08 15:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	77.3-121		"	"	09/11/08	"	
<i>Surrogate: Toluene-d8</i>		103 %	91.4-107		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		104 %	85.3-109		"	"	"	"	

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Project: PDC - Leclerg 31-22

Project Number: PDC08162  
Project Manager: John Peterson

Reported:  
09/15/08 08:00

**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 8091102 - EPA 5030 Water MS**

**Blank (8091102-BLK1)**

Prepared & Analyzed: 09/11/08

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	12.6		"	13.3	94.7	77.3-121				
Surrogate: Toluene-d8	13.3		"	13.3	100	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3	101	85.3-109				

**LCS (8091102-BS1)**

Prepared & Analyzed: 09/11/08

Benzene	30.5	1.0	ug/l	33.3	91.6	70-114				
Toluene	31.2	1.0	"	33.3	93.7	72.7-116				
Surrogate: 1,2-Dichloroethane-d4	13.1		"	13.3	98.5	77.3-121				
Surrogate: Toluene-d8	13.2		"	13.3	99.2	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3	100	85.3-109				

**LCS Dup (8091102-BSD1)**

Prepared & Analyzed: 09/11/08

Benzene	30.9	1.0	ug/l	33.3	92.8	70-114	1.30	8.14		
Toluene	31.4	1.0	"	33.3	94.3	72.7-116	0.639	7.88		
Surrogate: 1,2-Dichloroethane-d4	12.8		"	13.3	96.2	77.3-121				
Surrogate: Toluene-d8	13.1		"	13.3	98.5	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3	100	85.3-109				

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4600 West 60th Avenue  
Arvada CO, 80003

Project: PDC - Leclerg 31-22

Project Number: PDC08162  
Project Manager: John Peterson

**Reported:**  
09/15/08 08:00

### 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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---

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March 10, 2009

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Leclerg 31-22

Enclosed are the results of analyses for samples received by Summit Scientific on 03/04/09 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Logan Shrewsbury For Ben Shrewsbury  
Vice President / Laboratory Director



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

Project: PDC - Leclerg 31-22

Project Number: PDC 08162  
Project Manager: John Peterson

**Reported:**  
03/10/09 16:20

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW04	R903017-01	Water	03/04/09 10:45	03/04/09 16:30
MW05	R903017-02	Water	03/04/09 10:55	03/04/09 16:30
MW06	R903017-03	Water	03/04/09 11:05	03/04/09 16:30

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Project: PDC - Leclerg 31-22

Project Number: PDC 08162  
 Project Manager: John Peterson

**Reported:**  
 03/10/09 16:20

**MW04**  
**R903017-01 (Water)**

**Summit Scientific**

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

Date Sampled: **03/04/09 10:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9030605	03/06/09	03/08/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **03/04/09 10:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>102 %</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>	

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Project: PDC - Leclerg 31-22

Project Number: PDC 08162  
 Project Manager: John Peterson

**Reported:**  
 03/10/09 16:20

**MW05**  
**R903017-02 (Water)**

**Summit Scientific**

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

Date Sampled: **03/04/09 10:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9030605	03/06/09	03/08/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **03/04/09 10:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	77.3-121		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %	91.4-107		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.5 %	85.3-109		"	"	"	"	

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 Arvada CO, 80003

Project: PDC - Leclerg 31-22

Project Number: PDC 08162  
 Project Manager: John Peterson

**Reported:**  
 03/10/09 16:20

**MW06**  
**R903017-03 (Water)**

**Summit Scientific**

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

Date Sampled: **03/04/09 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9030605	03/06/09	03/08/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **03/04/09 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	77.3-121		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %	91.4-107		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.5 %	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 - Leclerg 31-22

Project Number: PDC 08162  
Project Manager: John Peterson

Reported:  
03/10/09 16:20

**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 9030605 - EPA 5030 Water MS**

**Blank (9030605-BLK1)**

Prepared: 03/06/09 Analyzed: 03/08/09

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	1.0	"								
Surrogate: 1,2-Dichloroethane-d4	13.7		"	13.3	103	77.3-121					
Surrogate: Toluene-d8	13.3		"	13.3	100	91.4-107					
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3	97.7	85.3-109					

**LCS (9030605-BS1)**

Prepared: 03/06/09 Analyzed: 03/07/09

Benzene	27.0	1.0	ug/l	33.3	81.1	70-114					
Toluene	28.6	1.0	"	33.3	85.9	72.7-116					
Surrogate: 1,2-Dichloroethane-d4	13.4		"	13.3	101	77.3-121					
Surrogate: Toluene-d8	13.4		"	13.3	101	91.4-107					
Surrogate: 4-Bromofluorobenzene	13.1		"	13.3	98.5	85.3-109					

**LCS Dup (9030605-BSD1)**

Prepared: 03/06/09 Analyzed: 03/07/09

Benzene	27.2	1.0	ug/l	33.3	81.7	70-114	0.738	8.14			
Toluene	28.6	1.0	"	33.3	85.9	72.7-116	0.00	7.88			
Surrogate: 1,2-Dichloroethane-d4	13.3		"	13.3	100	77.3-121					
Surrogate: Toluene-d8	13.3		"	13.3	100	91.4-107					
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3	99.2	85.3-109					

**Matrix Spike (9030605-MS1)**

Source: R903024-01

Prepared: 03/06/09 Analyzed: 03/08/09

Benzene	27.7	1.0	ug/l	33.3	ND	83.2	66.8-117				
Toluene	29.1	1.0	"	33.3	ND	87.4	71.5-117				
Surrogate: 1,2-Dichloroethane-d4	13.6		"	13.3		102	77.3-121				
Surrogate: Toluene-d8	13.4		"	13.3		101	91.4-107				
Surrogate: 4-Bromofluorobenzene	12.8		"	13.3		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 - Leclerg 31-22

Project Number: PDC 08162  
 Project Manager: John Peterson

**Reported:**  
 03/10/09 16:20

**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 9030605 - EPA 5030 Water MS**

<b>Matrix Spike Dup (9030605-MSD1)</b>	<b>Source: R903024-01</b>			Prepared: 03/06/09	Analyzed: 03/08/09						
Benzene	27.9	1.0	ug/l	33.3	ND	83.8	66.8-117	0.719	17.8		
Toluene	29.4	1.0	"	33.3	ND	88.3	71.5-117	1.03	14.4		
Surrogate: 1,2-Dichloroethane-d4	13.7		"	13.3		103	77.3-121				
Surrogate: Toluene-d8	13.4		"	13.3		101	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3		97.7	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 - Leclerg 31-22

Project Number: PDC 08162  
Project Manager: John Peterson

**Reported:**  
03/10/09 16:20

### 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

June 22, 2009

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Leclerg 31-22

Enclosed are the results of analyses for samples received by Summit Scientific on 06/18/09 16:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Logan Shrewsbury For Ben Shrewsbury  
Vice President / Laboratory Director



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

Project: PDC - Leclerg 31-22

Project Number: PDC 08162  
Project Manager: John Peterson

**Reported:**  
06/22/09 15:07

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW04	R906114-01	Water	06/18/09 10:20	06/18/09 16:45
MW06	R906114-02	Water	06/18/09 10:40	06/18/09 16:45

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 - Leclerg 31-22

Project Number: PDC 08162  
 Project Manager: John Peterson

**Reported:**  
 06/22/09 15:07

**MW04**  
**R906114-01 (Water)**

**Summit Scientific**

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

Date Sampled: **06/18/09 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9061904	06/19/09	06/20/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **06/18/09 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		88.7 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		105 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		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 - Leclerg 31-22

Project Number: PDC 08162  
 Project Manager: John Peterson

**Reported:**  
 06/22/09 15:07

**MW06**  
**R906114-02 (Water)**

**Summit Scientific**

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

Date Sampled: **06/18/09 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9061904	06/19/09	06/20/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **06/18/09 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		81.2 %	77.3-121		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97.7 %	91.4-107		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		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 - Leclerg 31-22

Project Number: PDC 08162  
Project Manager: John Peterson

Reported:  
06/22/09 15:07

**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 9061904 - EPA 5030 Water MS**

**Blank (9061904-BLK1)**

Prepared: 06/19/09 Analyzed: 06/20/09

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	1.0	"								
Surrogate: 1,2-Dichloroethane-d4	12.2		"	13.3		91.7	77.3-121				
Surrogate: Toluene-d8	13.4		"	13.3		101	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.7		"	13.3		103	85.3-109				

**LCS (9061904-BS1)**

Prepared: 06/19/09 Analyzed: 06/20/09

Benzene	29.4	1.0	ug/l	33.3		88.3	70-114				
Toluene	26.0	1.0	"	33.3		78.1	72.7-116				
Surrogate: 1,2-Dichloroethane-d4	11.9		"	13.3		89.5	77.3-121				
Surrogate: Toluene-d8	13.3		"	13.3		100	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.7		"	13.3		103	85.3-109				

**LCS Dup (9061904-BSD1)**

Prepared: 06/19/09 Analyzed: 06/20/09

Benzene	29.7	1.0	ug/l	33.3		89.2	70-114	1.02	8.14		
Toluene	26.1	1.0	"	33.3		78.4	72.7-116	0.384	7.88		
Surrogate: 1,2-Dichloroethane-d4	12.2		"	13.3		91.7	77.3-121				
Surrogate: Toluene-d8	13.0		"	13.3		97.7	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3		100	85.3-109				

**Matrix Spike (9061904-MS1)**

Source: R906120-01

Prepared: 06/19/09 Analyzed: 06/20/09

Benzene	29.2	1.0	ug/l	33.3	ND	87.7	66.8-117				
Toluene	25.6	1.0	"	33.3	ND	76.9	71.5-117				
Surrogate: 1,2-Dichloroethane-d4	12.4		"	13.3		93.2	77.3-121				
Surrogate: Toluene-d8	13.2		"	13.3		99.2	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.7		"	13.3		103	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 - Leclerg 31-22

Project Number: PDC 08162  
 Project Manager: John Peterson

**Reported:**  
 06/22/09 15:07

**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 9061904 - EPA 5030 Water MS**

<b>Matrix Spike Dup (9061904-MSD1)</b>	<b>Source: R906120-01</b>			Prepared: 06/19/09	Analyzed: 06/20/09					
Benzene	30.0	1.0	ug/l	33.3	ND	90.1	66.8-117	2.70	17.8	
Toluene	26.8	1.0	"	33.3	ND	80.5	71.5-117	4.58	14.4	
Surrogate: 1,2-Dichloroethane-d4	13.0		"	13.3		97.7	77.3-121			
Surrogate: Toluene-d8	13.8		"	13.3		104	91.4-107			
Surrogate: 4-Bromofluorobenzene	13.5		"	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 - Leclerg 31-22

Project Number: PDC 08162  
Project Manager: John Peterson

**Reported:**  
06/22/09 15:07

### 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

July 28, 2009

Asher Weinberg  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Leclerg 31-22

Enclosed are the results of analyses for samples received by Summit Scientific on 07/24/09 17:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'LS' followed by a long horizontal flourish.

Logan Shrewsbury For Ben Shrewsbury  
President / Laboratory Director





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

Project: PDC - Leclerg 31-22

Project Number: PDC 08162  
 Project Manager: Asher Weinberg

**Reported:**  
 07/28/09 19:22

**MW05R**  
**R907143-01 (Water)**

**Summit Scientific**

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

Date Sampled: **07/24/09 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9072704	07/27/09	07/28/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **07/24/09 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>102 %</i>	<i>77.3-121</i>		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		<i>103 %</i>	<i>91.4-107</i>		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>96.2 %</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 - Leclerg 31-22

Project Number: PDC 08162  
Project Manager: Asher Weinberg

Reported:  
07/28/09 19:22

**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 9072704 - EPA 5030 Water MS**

**Blank (9072704-BLK1)**

Prepared: 07/27/09 Analyzed: 07/28/09

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	1.0	"								
Surrogate: 1,2-Dichloroethane-d4	12.3		"	13.3	92.5	77.3-121					
Surrogate: Toluene-d8	14.0		"	13.3	105	91.4-107					
Surrogate: 4-Bromofluorobenzene	12.1		"	13.3	91.0	85.3-109					

**LCS (9072704-BS1)**

Prepared: 07/27/09 Analyzed: 07/28/09

Benzene	29.6	1.0	ug/l	33.3	88.9	70-114					
Toluene	31.8	1.0	"	33.3	95.5	72.7-116					
Surrogate: 1,2-Dichloroethane-d4	12.2		"	13.3	91.7	77.3-121					
Surrogate: Toluene-d8	13.6		"	13.3	102	91.4-107					
Surrogate: 4-Bromofluorobenzene	12.1		"	13.3	91.0	85.3-109					

**LCS Dup (9072704-BSD1)**

Prepared: 07/27/09 Analyzed: 07/28/09

Benzene	31.7	1.0	ug/l	33.3	95.2	70-114	6.85	8.14			
Toluene	33.9	1.0	"	33.3	102	72.7-116	6.39	7.88			
Surrogate: 1,2-Dichloroethane-d4	11.9		"	13.3	89.5	77.3-121					
Surrogate: Toluene-d8	13.5		"	13.3	102	91.4-107					
Surrogate: 4-Bromofluorobenzene	12.0		"	13.3	90.2	85.3-109					

**Matrix Spike (9072704-MS1)**

Source: R907144-01

Prepared: 07/27/09 Analyzed: 07/28/09

Benzene	29.5	1.0	ug/l	33.3	ND	88.6	66.8-117				
Toluene	32.1	1.0	"	33.3	ND	96.4	71.5-117				
Surrogate: 1,2-Dichloroethane-d4	13.7		"	13.3		103	77.3-121				
Surrogate: Toluene-d8	13.8		"	13.3		104	91.4-107				
Surrogate: 4-Bromofluorobenzene	12.1		"	13.3		91.0	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 - Leclerg 31-22

Project Number: PDC 08162  
 Project Manager: Asher Weinberg

**Reported:**  
 07/28/09 19:22

**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 9072704 - EPA 5030 Water MS**

<b>Matrix Spike Dup (9072704-MSD1)</b>	<b>Source: R907144-01</b>			<b>Prepared: 07/27/09</b>		<b>Analyzed: 07/28/09</b>				
Benzene	27.4	1.0	ug/l	33.3	ND	82.3	66.8-117	7.38	17.8	
Toluene	30.0	1.0	"	33.3	ND	90.1	71.5-117	6.76	14.4	
Surrogate: 1,2-Dichloroethane-d4	14.8		"	13.3		111	77.3-121			
Surrogate: Toluene-d8	13.4		"	13.3		101	91.4-107			
Surrogate: 4-Bromofluorobenzene	12.3		"	13.3		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 - Leclerg 31-22

Project Number: PDC 08162  
Project Manager: Asher Weinberg

**Reported:**  
07/28/09 19:22

### 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

---

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

October 06, 2009

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Leclerg 31-22

Enclosed are the results of analyses for samples received by Summit Scientific on 09/24/09 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 '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 - Leclerg 31-22

Project Number: PDC 08162  
Project Manager: John Peterson

**Reported:**  
10/06/09 10:15

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW04	R909159-01	Water	09/24/09 08:55	09/24/09 16:00
MW05R	R909159-02	Water	09/24/09 09:05	09/24/09 16:00
MW06	R909159-03	Water	09/24/09 09:10	09/24/09 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.*





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

Project: PDC - Leclerg 31-22

Project Number: PDC 08162  
 Project Manager: John Peterson

**Reported:**  
 10/06/09 10:15

**MW04**  
**R909159-01 (Water)**

**Summit Scientific**

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

Date Sampled: **09/24/09 08:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9093005	09/30/09	10/03/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/24/09 08:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>106 %</i>	<i>74.3-129</i>		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		<i>100 %</i>	<i>87.7-110</i>		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>99.6 %</i>	<i>83.5-115</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 - Leclerg 31-22

Project Number: PDC 08162  
 Project Manager: John Peterson

**Reported:**  
 10/06/09 10:15

**MW05R**  
**R909159-02 (Water)**

**Summit Scientific**

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

Date Sampled: **09/24/09 09:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9093005	09/30/09	10/03/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/24/09 09:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	74.3-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99.9 %	87.7-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.3 %	83.5-115		"	"	"	"	

Summit Scientific

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

Project: PDC - Leclerg 31-22

Project Number: PDC 08162  
 Project Manager: John Peterson

**Reported:**  
 10/06/09 10:15

**MW06**  
**R909159-03 (Water)**

**Summit Scientific**

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

Date Sampled: **09/24/09 09:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9093005	09/30/09	10/03/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/24/09 09:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	74.3-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		100 %	87.7-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		99.5 %	83.5-115		"	"	"	"	

Summit Scientific

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

Project: PDC - Leclerg 31-22

Project Number: PDC 08162  
Project Manager: John Peterson

Reported:  
10/06/09 10:15

**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 9093005 - EPA 5030 Water MS**

**Blank (9093005-BLK1)**

Prepared: 09/30/09 Analyzed: 10/03/09

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	1.0	"								
Surrogate: 1,2-Dichloroethane-d4	13.6		"	13.3	102	74.3-129					
Surrogate: Toluene-d8	13.3		"	13.3	99.8	87.7-110					
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3	97.6	83.5-115					

**LCS (9093005-BS1)**

Prepared: 09/30/09 Analyzed: 10/03/09

Benzene	33.5	1.0	ug/l	33.3	100	70-114			8.14		
Toluene	35.8	1.0	"	33.3	107	72.7-116			7.88		
Surrogate: 1,2-Dichloroethane-d4	13.9		"	13.3	104	74.3-129					
Surrogate: Toluene-d8	13.4		"	13.3	101	87.7-110					
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3	97.4	83.5-115					

**LCS Dup (9093005-BSD1)**

Prepared: 09/30/09 Analyzed: 10/03/09

Benzene	33.6	1.0	ug/l	33.3	101	70-114	0.507		8.14		
Toluene	36.3	1.0	"	33.3	109	72.7-116	1.41		7.88		
Surrogate: 1,2-Dichloroethane-d4	14.0		"	13.3	105	74.3-129					
Surrogate: Toluene-d8	13.5		"	13.3	101	87.7-110					
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3	97.8	83.5-115					

**Matrix Spike (9093005-MS1)**

Source: R909159-01

Prepared: 09/30/09 Analyzed: 10/03/09

Benzene	33.3	1.0	ug/l	33.3	ND	99.9	66.8-117		17.8		
Toluene	35.8	1.0	"	33.3	ND	107	71.5-117		14.4		
Surrogate: 1,2-Dichloroethane-d4	14.4		"	13.3		108	74.3-129				
Surrogate: Toluene-d8	13.4		"	13.3		101	87.7-110				
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3		97.1	83.5-115				

Summit Scientific

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

Project: PDC - Leclerg 31-22

Project Number: PDC 08162  
 Project Manager: John Peterson

**Reported:**  
 10/06/09 10:15

**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 9093005 - EPA 5030 Water MS**

<b>Matrix Spike Dup (9093005-MSD1)</b>	<b>Source: R909159-01</b>			Prepared: 09/30/09	Analyzed: 10/03/09					
Benzene	28.4	1.0	ug/l	33.3	ND	85.3	66.8-117	15.7	17.8	
Toluene	30.6	1.0	"	33.3	ND	91.8	71.5-117	15.5	14.4	
Surrogate: 1,2-Dichloroethane-d4	15.9		"	13.3		119	74.3-129			
Surrogate: Toluene-d8	13.5		"	13.3		101	87.7-110			
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3		101	83.5-115			

Summit Scientific

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

Project: PDC - Leclerg 31-22

Project Number: PDC 08162  
Project Manager: John Peterson

**Reported:**  
10/06/09 10:15

### Notes and Definitions

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

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Summit Scientific

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# Summit Scientific

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741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

December 11, 2009

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Leclerg 31-22

Enclosed are the results of analyses for samples received by Summit Scientific on 12/08/09 17:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Paul Shrewsbury For Ben Shrewsbury  
President / Laboratory Director



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

Project: PDC - Leclerg 31-22

Project Number: PDC 08162  
Project Manager: John Peterson

**Reported:**  
12/11/09 15:21

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW04	R912039-01	Water	12/08/09 13:50	12/08/09 17:00
MW05R	R912039-02	Water	12/08/09 14:00	12/08/09 17:00
MW06	R912039-03	Water	12/08/09 14:10	12/08/09 17:00

Summit Scientific

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

Project: PDC - Leclerg 31-22

Project Number: PDC 08162  
 Project Manager: John Peterson

**Reported:**  
 12/11/09 15:21

**MW04**  
**R912039-01 (Water)**

**Summit Scientific**

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

Date Sampled: 12/08/09 13:50

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9120905	12/09/09	12/10/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 12/08/09 13:50

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		98.6 %	74.3-129		"	"	"	"	
Surrogate: Toluene-d8		100 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.0 %	83.5-115		"	"	"	"	

Summit Scientific

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

Project: PDC - Leclerg 31-22

Project Number: PDC 08162  
 Project Manager: John Peterson

**Reported:**  
 12/11/09 15:21

**MW05R**  
**R912039-02 (Water)**

**Summit Scientific**

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

Date Sampled: 12/08/09 14:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9120905	12/09/09	12/10/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 12/08/09 14:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		99.5 %	74.3-129		"	"	"	"	
Surrogate: Toluene-d8		100 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	83.5-115		"	"	"	"	

Summit Scientific

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

Project: PDC - Leclerg 31-22

Project Number: PDC 08162  
 Project Manager: John Peterson

**Reported:**  
 12/11/09 15:21

**MW06**  
**R912039-03 (Water)**

**Summit Scientific**

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

Date Sampled: 12/08/09 14:10

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9120905	12/09/09	12/10/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 12/08/09 14:10

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		97.0 %	74.3-129		"	"	"	"	
Surrogate: Toluene-d8		98.0 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	83.5-115		"	"	"	"	

Summit Scientific

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

Project: PDC - Leclerg 31-22

Project Number: PDC 08162  
Project Manager: John Peterson

**Reported:**  
12/11/09 15:21

**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 9120905 - EPA 5030 Water MS**

**Blank (9120905-BLK1)**

Prepared & Analyzed: 12/09/09

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	1.0	"								
Surrogate: 1,2-Dichloroethane-d4	13.4		"	13.3	101	74.3-129					
Surrogate: Toluene-d8	13.3		"	13.3	99.5	87.7-110					
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3	98.7	83.5-115					

**LCS (9120905-BS1)**

Prepared & Analyzed: 12/09/09

Benzene	37.0	1.0	ug/l	33.3	111	70-114			8.14		
Toluene	36.6	1.0	"	33.3	110	72.7-116			7.88		
Surrogate: 1,2-Dichloroethane-d4	14.4		"	13.3	108	74.3-129					
Surrogate: Toluene-d8	13.4		"	13.3	101	87.7-110					
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3	100	83.5-115					

**LCS Dup (9120905-BSD1)**

Prepared & Analyzed: 12/09/09

Benzene	36.8	1.0	ug/l	33.3	110	70-114	0.650		8.14		
Toluene	36.0	1.0	"	33.3	108	72.7-116	1.68		7.88		
Surrogate: 1,2-Dichloroethane-d4	14.0		"	13.3	105	74.3-129					
Surrogate: Toluene-d8	13.1		"	13.3	98.5	87.7-110					
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3	99.2	83.5-115					

**Matrix Spike (9120905-MS1)**

Source: R912035-01

Prepared & Analyzed: 12/09/09

Benzene	38.7	1.0	ug/l	33.3	ND	116	66.8-117		17.8		
Toluene	38.3	1.0	"	33.3	ND	115	71.5-117		14.4		
Surrogate: 1,2-Dichloroethane-d4	14.3		"	13.3	107	74.3-129					
Surrogate: Toluene-d8	13.5		"	13.3	101	87.7-110					
Surrogate: 4-Bromofluorobenzene	13.6		"	13.3	102	83.5-115					

Summit Scientific

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

Project: PDC - Leclerg 31-22

Project Number: PDC 08162  
Project Manager: John Peterson

**Reported:**  
12/11/09 15:21

**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 9120905 - EPA 5030 Water MS**

<b>Matrix Spike Dup (9120905-MSD1)</b>	<b>Source: R912035-01</b>			<b>Prepared &amp; Analyzed: 12/09/09</b>						
Benzene	34.6	1.0	ug/l	33.3	ND	104	66.8-117	11.0	17.8	
Toluene	34.1	1.0	"	33.3	ND	102	71.5-117	11.6	14.4	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>17.1</i>		<i>"</i>	<i>13.3</i>		<i>128</i>	<i>74.3-129</i>			
<i>Surrogate: Toluene-d8</i>	<i>13.5</i>		<i>"</i>	<i>13.3</i>		<i>101</i>	<i>87.7-110</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>14.0</i>		<i>"</i>	<i>13.3</i>		<i>105</i>	<i>83.5-115</i>			

Summit Scientific

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

Project: PDC - Leclerg 31-22

Project Number: PDC 08162  
Project Manager: John Peterson

**Reported:**  
12/11/09 15:21

### 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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