

# Summit Scientific

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741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

February 19, 2009

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

RE: PDC - Weingardt No. 24&33-22

Enclosed are the results of analyses for samples received by Summit Scientific on 02/18/09 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 '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 - Weingardt No. 24&33-22  
Project Number: PDC 0720  
Project Manager: John Peterson

**Reported:**  
02/19/09 13:56

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
N01 @ 4.5'	R902102-01	Soil	02/18/09 15:00	02/18/09 17:00
E01 @ 4.5'	R902102-02	Soil	02/18/09 15:05	02/18/09 17:00
W01 @ 4.5'	R902102-03	Soil	02/18/09 15:10	02/18/09 17:00
S01 @ 3'	R902102-04	Soil	02/18/09 15:15	02/18/09 17:00
GW01	R902102-05	Water	02/18/09 15:25	02/18/09 17:00

Summit Scientific

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

Project: PDC - Weingardt No. 24&amp;33-22

Project Number: PDC 0720  
Project Manager: John Peterson

**Reported:**  
02/19/09 13:56

## Summit Scientific

**S<sub>2</sub>**  
741 Corporate Circle Suite I ♦ Golden, Colorado 80401  
303-277-9310 ♦ 303-277-9531 Fax

Client: LT Environmental, Inc.

Address: 4600 West 60th Avenue

City/State/Zip: Arvada, CO 80003

Phone: (303) 433-9788

Sampler Name: h

**Project Manager:** John Peterson

E-Mail: [jpeterston@itenv.com](mailto:jpeterston@itenv.com)

Project Name: Wendell W. 63377

Project Number: 00000000

[illegible]

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

Project: PDC - Weingardt No. 24&33-22

Project Number: PDC 0720  
Project Manager: John Peterson

Reported:  
02/19/09 13:56

**N01 @ 4.5'**  
**R902102-01 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: **02/18/09 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	9021802	02/18/09	02/18/09	8015 Full Carbon Chain	
C10-C28 (DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
C6-C36 TPH	ND	50	"	"	"	"	"	"	

Date Sampled: **02/18/09 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		107 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		122 %	73.9-120		"	"	"	"	

Summit Scientific

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Project: PDC - Weingardt No. 24&33-22

Project Number: PDC 0720  
Project Manager: John Peterson

**Reported:**  
02/19/09 13:56

**E01 @ 4.5'**  
**R902102-02 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: **02/18/09 15:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	9021802	02/18/09	02/18/09	8015 Full Carbon Chain	
C10-C28 (DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
C6-C36 TPH	ND	50	"	"	"	"	"	"	

Date Sampled: **02/18/09 15:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		109 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		122 %	73.9-120		"	"	"	"	

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LT Environmental, Inc.  
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Arvada CO, 80003

Project: PDC - Weingardt No. 24&33-22

Project Number: PDC 0720  
Project Manager: John Peterson

**Reported:**  
02/19/09 13:56

**W01 @ 4.5'**  
**R902102-03 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: **02/18/09 15:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	9021802	02/18/09	02/18/09	8015 Full Carbon Chain	
C10-C28 (DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
C6-C36 TPH	ND	50	"	"	"	"	"	"	

Date Sampled: **02/18/09 15:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		106 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		118 %	73.9-120		"	"	"	"	

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Arvada CO, 80003

Project: PDC - Weingardt No. 24&33-22

Project Number: PDC 0720  
Project Manager: John Peterson

**Reported:**  
02/19/09 13:56

**S01 @ 3'**  
**R902102-04 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: **02/18/09 15:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (GRO)	ND	50	mg/kg	1	9021802	02/18/09	02/19/09	8015 Full Carbon Chain	
C10-C28 (DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	
C6-C36 TPH	ND	50	"	"	"	"	"	"	

Date Sampled: **02/18/09 15:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		107 %	77.7-123		"	"	"	"	
Surrogate: Trifluorotoluene		122 %	73.9-120		"	"	"	"	

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

Project: PDC - Weingardt No. 24&33-22

Project Number: PDC 0720  
Project Manager: John Peterson

**Reported:**  
02/19/09 13:56

**GW01**  
**R902102-05 (Water)**

**Summit Scientific**

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

Date Sampled: **02/18/09 15:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>140</b>	1.0	ug/l	1	9021304	02/18/09	02/19/09	EPA 8260B	
<b>Toluene</b>	<b>250</b>	1.0	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>75</b>	1.0	"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>570</b>	1.0	"	"	"	"	"	"	

Date Sampled: **02/18/09 15:25**

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>		91.0 %	85.3-109		"	"	"	"	

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Project Number: PDC 0720  
Project Manager: John Peterson

Reported:  
02/19/09 13:56

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

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

**Batch 9021802 - EPA 3550A**

**Blank (9021802-BLK1)**

Prepared: 02/18/09 Analyzed: 02/19/09

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

**LCS (9021802-BS1)**

Prepared: 02/18/09 Analyzed: 02/19/09

C6-C10 (GRO)	401	50	mg/kg	519		77.3	70-130			
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**LCS (9021802-BS2)**

Prepared: 02/18/09 Analyzed: 02/19/09

C10-C28 (DRO)	467	50	mg/kg	500		93.4	83.3-127			
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**LCS Dup (9021802-BSD1)**

Prepared: 02/18/09 Analyzed: 02/19/09

C6-C10 (GRO)	384	50	mg/kg	519		74.0	70-130	4.33	20	
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**LCS Dup (9021802-BSD2)**

Prepared: 02/18/09 Analyzed: 02/19/09

C10-C28 (DRO)	504	50	mg/kg	500		101	83.3-127	7.62	15	
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**Matrix Spike (9021802-MS1)**

Source: R902100-01

Prepared: 02/18/09 Analyzed: 02/19/09

C6-C10 (GRO)	398	50	mg/kg	519	ND	76.7	70-130			
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**Matrix Spike (9021802-MS2)**

Source: R902100-01

Prepared: 02/18/09 Analyzed: 02/19/09

C10-C28 (DRO)	508	50	mg/kg	500	ND	102	75.8-126			
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**Matrix Spike Dup (9021802-MSD1)**

Source: R902100-01

Prepared: 02/18/09 Analyzed: 02/19/09

C6-C10 (GRO)	392	50	mg/kg	519	ND	75.5	70-130	1.52	20	
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**Matrix Spike Dup (9021802-MSD2)**

Source: R902100-01

Prepared: 02/18/09 Analyzed: 02/19/09

C10-C28 (DRO)	504	50	mg/kg	500	ND	101	75.8-126	0.791	13.6	
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Arvada CO, 80003

Project: PDC - Weingardt No. 24&33-22  
Project Number: PDC 0720  
Project Manager: John Peterson

Reported:  
02/19/09 13:56

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

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

**Batch 9021304 - EPA 5030 Water MS**

**Blank (9021304-BLK1)**

Prepared & Analyzed: 02/18/09

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	14.7		"	13.3		111	77.3-121			
Surrogate: Toluene-d8	13.0		"	13.3		97.7	91.4-107			
Surrogate: 4-Bromofluorobenzene	12.9		"	13.3		97.0	85.3-109			

**LCS (9021304-BS1)**

Prepared & Analyzed: 02/18/09

Benzene	29.5	1.0	ug/l	33.3		88.6	70-114			
Toluene	30.0	1.0	"	33.3		90.1	72.7-116			
Surrogate: 1,2-Dichloroethane-d4	15.0		"	13.3		113	77.3-121			
Surrogate: Toluene-d8	13.2		"	13.3		99.2	91.4-107			
Surrogate: 4-Bromofluorobenzene	12.8		"	13.3		96.2	85.3-109			

**Matrix Spike (9021304-MS1)**

Source: R902051-01

Prepared & Analyzed: 02/18/09

Benzene	29.7	1.0	ug/l	33.3	ND	89.2	66.8-117			
Toluene	30.6	1.0	"	33.3	ND	91.9	71.5-117			
Surrogate: 1,2-Dichloroethane-d4	15.4		"	13.3		116	77.3-121			
Surrogate: Toluene-d8	13.3		"	13.3		100	91.4-107			
Surrogate: 4-Bromofluorobenzene	12.8		"	13.3		96.2	85.3-109			

**Matrix Spike Dup (9021304-MSD1)**

Source: R902051-01

Prepared & Analyzed: 02/18/09

Benzene	25.7	1.0	ug/l	33.3	ND	77.2	66.8-117	14.4	17.8	
Toluene	27.1	1.0	"	33.3	ND	81.4	71.5-117	12.1	14.4	
Surrogate: 1,2-Dichloroethane-d4	18.1		"	13.3		136	77.3-121			
Surrogate: Toluene-d8	13.7		"	13.3		103	91.4-107			
Surrogate: 4-Bromofluorobenzene	13.1		"	13.3		98.5	85.3-109			

Summit Scientific

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Arvada CO, 80003

Project: PDC - Weingardt No. 24&33-22  
Project Number: PDC 0720  
Project Manager: John Peterson

**Reported:**  
02/19/09 13:56

### Notes and Definitions

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



# Summit Scientific

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741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

May 08, 2009

John Peterson

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: PDC - Weingardt No. 24&33-22

Enclosed are the results of analyses for samples received by Summit Scientific on 05/06/09 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 '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 - Weingardt No. 24&33-22  
Project Number: PDC 0720  
Project Manager: John Peterson

**Reported:**  
05/08/09 12:18

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW06	R905038-01	Water	05/06/09 11:55	05/06/09 16:30
MW07	R905038-02	Water	05/06/09 11:45	05/06/09 16:30
MW08	R905038-03	Water	05/06/09 12:05	05/06/09 16:30

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Arvada CO, 80003

Project: PDC - Weingardt No. 24&33-22

Project Number: PDC 0720  
Project Manager: John Peterson

Reported:  
05/08/09 12:18

Summit Scientific **2905038** Page 1 of 1

741 Corporate Circle - Suite 1  
Golden, Colorado 80401  
303-277-9310 - 303-374-5933 Fax

Client: LT Environmental, Inc.  
Project: PDC - Weingardt No. 24&33-22  
Project Manager: John Peterson  
Project Number: PDC 0720

Number	Sample Identification	Matrix	Type	Sample Date	Sample Time	Sampled By	Container	Qty	Analyses
01-001	<del>AP001</del> MW006	Water	Field Sample	5-6-09	1155	<del>Flayd</del> L. VOSS	Voa Vial - HCl	2	8260B BTEX_TXVL
02-001	<del>AP002</del> MW007	Water	Field Sample	5-6-09	1145	<del>Flayd</del> L. VOSS	Voa Vial - HCl	2	8260B BTEX_TXVL
03-001	<del>AP003</del> MW008	Water	Field Sample	5-6-09	1205	<del>Flayd</del> L. VOSS	Voa Vial - HCl	2	8260B BTEX_TXVL
04-001	<del>AP004</del>	Water	Field Sample			<del>Flayd</del>	Voa Vial - HCl	2	8260B BTEX_TXVL
05-001	<del>AP005</del>	Water	Field Sample			<del>Flayd</del>	Voa Vial - HCl	2	8260B BTEX_TXVL

Turn Around Time (Check)

Same Day ☐  
24 Hours ☐  
48 Hours ☐  
72 Hours ☒  
Standard ☐

Sample Integrity:

Temperature Upon Receipt 4.3

Initials JP No   

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

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

*Handwritten signature* 5-6-09 12:20  
Relinquished By \_\_\_\_\_ Date \_\_\_\_\_

*Handwritten signature* 5-6-09 12:20  
Received By \_\_\_\_\_ Date \_\_\_\_\_

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

Project: PDC - Weingardt No. 24&33-22

Project Number: PDC 0720  
Project Manager: John Peterson

Reported:  
05/08/09 12:18

**MW06**  
**R905038-01 (Water)**

**Summit Scientific**

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

Date Sampled: **05/06/09 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9050704	05/07/09	05/08/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/06/09 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		113 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		92.5 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	85.3-109		"	"	"	"	

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Arvada CO, 80003

Project: PDC - Weingardt No. 24&33-22

Project Number: PDC 0720  
Project Manager: John Peterson

**Reported:**  
05/08/09 12:18

**MW07**  
**R905038-02 (Water)**

**Summit Scientific**

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

Date Sampled: **05/06/09 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9050704	05/07/09	05/08/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/06/09 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		116 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		98.5 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.5 %	85.3-109		"	"	"	"	

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Project: PDC - Weingardt No. 24&33-22

Project Number: PDC 0720  
Project Manager: John Peterson

**Reported:**  
05/08/09 12:18

**MW08**  
**R905038-03 (Water)**

**Summit Scientific**

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

Date Sampled: **05/06/09 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9050704	05/07/09	05/08/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/06/09 12:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		120 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		91.7 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	85.3-109		"	"	"	"	

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Project: PDC - Weingardt No. 24&33-22

Project Number: PDC 0720  
Project Manager: John Peterson

Reported:  
05/08/09 12:18

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

### Summit Scientific

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

#### Batch 9050704 - EPA 5030 Water MS

##### Blank (9050704-BLK1)

Prepared: 05/07/09 Analyzed: 05/08/09

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	15.8		"	13.3	119	77.3-121				
Surrogate: Toluene-d8	12.4		"	13.3	93.2	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3	99.2	85.3-109				

##### LCS (9050704-BS1)

Prepared: 05/07/09 Analyzed: 05/08/09

Benzene	24.5	1.0	ug/l	33.3	73.6	70-114				
Toluene	27.2	1.0	"	33.3	81.7	72.7-116				
Surrogate: 1,2-Dichloroethane-d4	15.6		"	13.3	117	77.3-121				
Surrogate: Toluene-d8	12.4		"	13.3	93.2	91.4-107				
Surrogate: 4-Bromofluorobenzene	12.9		"	13.3	97.0	85.3-109				

##### LCS Dup (9050704-BSD1)

Prepared: 05/07/09 Analyzed: 05/08/09

Benzene	24.4	1.0	ug/l	33.3	73.3	70-114	0.409	8.14		
Toluene	26.9	1.0	"	33.3	80.8	72.7-116	1.11	7.88		
Surrogate: 1,2-Dichloroethane-d4	15.3		"	13.3	115	77.3-121				
Surrogate: Toluene-d8	12.4		"	13.3	93.2	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3	97.7	85.3-109				

##### Matrix Spike (9050704-MS1)

Source: R905034-01

Prepared: 05/07/09 Analyzed: 05/08/09

Benzene	25.0	1.0	ug/l	33.3	ND	75.1	66.8-117			
Toluene	27.2	1.0	"	33.3	ND	81.7	71.5-117			
Surrogate: 1,2-Dichloroethane-d4	16.2		"	13.3		122	77.3-121			
Surrogate: Toluene-d8	12.5		"	13.3		94.0	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 - Weingardt No. 24&33-22

Project Number: PDC 0720  
Project Manager: John Peterson

Reported:  
05/08/09 12:18

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

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

**Batch 9050704 - EPA 5030 Water MS**

Matrix Spike Dup (9050704-MSD1)		Source: R905034-01			Prepared: 05/07/09		Analyzed: 05/08/09			
Benzene	22.7	1.0	ug/l	33.3	ND	68.2	66.8-117	9.64	17.8	
Toluene	25.3	1.0	"	33.3	ND	76.0	71.5-117	7.24	14.4	
Surrogate: 1,2-Dichloroethane-d4	17.9		"	13.3		135	77.3-121			
Surrogate: Toluene-d8	12.6		"	13.3		94.7	91.4-107			
Surrogate: 4-Bromofluorobenzene	13.6		"	13.3		102	85.3-109			

Summit Scientific

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

Project: PDC - Weingardt No. 24&33-22

Project Number: PDC 0720  
Project Manager: John Peterson

**Reported:**  
05/08/09 12:18

### 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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741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

May 13, 2009

John Peterson

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: PDC - Weingardt No. 24&33-22

Enclosed are the results of analyses for samples received by Summit Scientific on 05/12/09 16:52. 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 - Weingardt No. 24&amp;33-22

Project Number: PDC 0720  
Project Manager: John Peterson

Reported:  
05/13/09 09:17

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW09	R905075-01	Water	05/12/09 08:45	05/12/09 16:52

Summit Scientific

52

741 Corporate Circle Suite I ♦ Golden, Colorado 80401  
303-277-9310 ♦ 303-277-9531 Fax

Page / of

2905075

Client: LT Environmental, Inc.

Address: 4600 West 60th Avenue

City/State/Zip: Arvada, CO 80003

Phone: (303) 433-9788

Fax: (303) 433-1432

Project N

Sampler Name: W. K.

1

Project Number: PDC6720

[illegible]

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

Project: PDC - Weingardt No. 24&33-22  
Project Number: PDC 0720  
Project Manager: John Peterson

**Reported:**  
05/13/09 09:17

**MW09**  
**R905075-01 (Water)**

**Summit Scientific**

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

Date Sampled: **05/12/09 08:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9051203	05/12/09	05/13/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/12/09 08:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		99.2 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		94.7 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.7 %	85.3-109		"	"	"	"	

Summit Scientific

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

Project: PDC - Weingardt No. 24&33-22

Project Number: PDC 0720  
Project Manager: John Peterson

Reported:  
05/13/09 09:17

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

### Summit Scientific

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

#### Batch 9051203 - EPA 5030 Water MS

##### Blank (9051203-BLK1)

Prepared: 05/12/09 Analyzed: 05/13/09

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	12.9		"	13.3	97.0	77.3-121				
Surrogate: Toluene-d8	12.5		"	13.3	94.0	91.4-107				
Surrogate: 4-Bromofluorobenzene	12.5		"	13.3	94.0	85.3-109				

##### LCS (9051203-BS1)

Prepared: 05/12/09 Analyzed: 05/13/09

Benzene	23.0	1.0	ug/l	33.3	69.1	70-114				
Toluene	24.5	1.0	"	33.3	73.6	72.7-116				
Surrogate: 1,2-Dichloroethane-d4	13.2		"	13.3	99.2	77.3-121				
Surrogate: Toluene-d8	12.6		"	13.3	94.7	91.4-107				
Surrogate: 4-Bromofluorobenzene	12.5		"	13.3	94.0	85.3-109				

##### LCS Dup (9051203-BSD1)

Prepared: 05/12/09 Analyzed: 05/13/09

Benzene	25.0	1.0	ug/l	33.3	75.1	70-114	8.33	8.14		
Toluene	26.4	1.0	"	33.3	79.3	72.7-116	7.47	7.88		
Surrogate: 1,2-Dichloroethane-d4	13.6		"	13.3	102	77.3-121				
Surrogate: Toluene-d8	12.3		"	13.3	92.5	91.4-107				
Surrogate: 4-Bromofluorobenzene	12.3		"	13.3	92.5	85.3-109				

##### Matrix Spike (9051203-MS1)

Source: R905062-01

Prepared: 05/12/09 Analyzed: 05/13/09

Benzene	24.1	1.0	ug/l	33.3	ND	72.4	66.8-117			
Toluene	26.6	1.0	"	33.3	ND	79.9	71.5-117			
Surrogate: 1,2-Dichloroethane-d4	13.7		"	13.3		103	77.3-121			
Surrogate: Toluene-d8	12.9		"	13.3		97.0	91.4-107			
Surrogate: 4-Bromofluorobenzene	12.5		"	13.3		94.0	85.3-109			

Summit Scientific

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

Project: PDC - Weingardt No. 24&33-22  
Project Number: PDC 0720  
Project Manager: John Peterson

**Reported:**  
05/13/09 09:17

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

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

**Batch 9051203 - EPA 5030 Water MS**

<b>Matrix Spike Dup (9051203-MSD1)</b>		<b>Source: R905062-01</b>			Prepared: 05/12/09		Analyzed: 05/13/09			
Benzene	24.4	1.0	ug/l	33.3	ND	73.3	66.8-117	1.24	17.8	
Toluene	26.6	1.0	"	33.3	ND	79.9	71.5-117	0.00	14.4	
Surrogate: 1,2-Dichloroethane-d4	13.2		"	13.3		99.2	77.3-121			
Surrogate: Toluene-d8	12.5		"	13.3		94.0	91.4-107			
Surrogate: 4-Bromofluorobenzene	12.6		"	13.3		94.7	85.3-109			

Summit Scientific

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

Project: PDC - Weingardt No. 24&33-22

Project Number: PDC 0720  
Project Manager: John Peterson

**Reported:**  
05/13/09 09:17

### 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

