

**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**GREAT WESTERN SUGAR NO. 2 (API No. 05-123-10634)**  
**WELD COUNTY, COLORADO**  
**PETROLEUM DEVELOPMENT CORPORATION**

Sample ID	Depth (ft bgs)	Date Sampled	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl- benzene (mg/kg)	Xylenes (mg/kg)	TPH (mg/kg)
E01	10	09/09/2009	<0.0050	<0.0050	<0.0050	<0.0050	<50.5
E02	10	09/09/2009	<0.0050	<0.0050	<0.0050	0.066	1.2
N01	10	09/09/2009	<0.0050	<0.0050	<0.0050	<0.0050	<50.5
S01	10	09/09/2009	<0.0050	<0.0050	<0.0050	<0.0050	<50.5
SB01	8	11/29/2007	NA	NA	NA	NA	120
W01	10	09/09/2009	<0.0050	<0.0050	<0.0050	<0.0050	<50.5
W02	10	09/09/2009	<0.0050	<0.0050	<0.0050	<0.0050	<50.5
<b>Basic Standards for Soil</b>			<b>0.17</b>	<b>85</b>	<b>100</b>	<b>175</b>	<b>500</b>

Notes: < - less than stated laboratory reporting limit  
TPH - Total Petroleum Hydrocarbons (C6-C28)  
API - American Petroleum Institute

NA - Not Analyzed  
mg/kg - milligrams per kilogram  
ft bgs - feet below ground surface

Bold numbers indicate result equalled or exceeded standard.

Basic Standards for Soil are taken from 2 CCR 404-1, Table 910-1, effective April 1, 2009.



**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS AND FIELD PARAMETERS**  
**GREAT WESTERN SUGAR NO. 2 (API No. 05-123-10634)**  
**WELD COUNTY, COLORADO**  
**PETROLEUM DEVELOPMENT CORPORATION**

Sample ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes (ug/L)	Depth to Water (ft btoc)
MW01	11/27/2007	520	2.0	420	3800	NM
	01/29/2008	240	<1.0	170	2300	NM
	07/29/2008	210	1.5	53	1300	11.81
	10/16/2008	200	1.4	57	870	11.97
	01/15/2009	91	<1.0	12	450	13.36
	05/14/2009	120	<1.0	7.1	900	NM
	07/07/2009	110	<1.0	7.5	500	12.75
MW01R	12/03/2009	<1.0	<1.0	13	59	12.96
	04/02/2010	<1.0	<1.0	<1.0	4.2	13.91
	07/22/2010	<1.0	<1.0	<1.0	<1.0	14.50
	10/21/2010	<1.0	<1.0	<1.0	<1.0	13.10
MW02	01/29/2008	<1.0	<1.0	<1.0	<1.0	NM
	07/29/2008	<1.0	<1.0	<1.0	<1.0	13.27
	10/16/2008	<1.0	<1.0	<1.0	<1.0	13.41
	01/15/2009	Insufficient Water - Not Sampled				
	05/14/2009	<1.0	<1.0	<1.0	<1.0	NM
	07/07/2009	Dry - Not Sampled				
	12/03/2009	<1.0	<1.0	<1.0	<1.0	13.35
	04/02/2010	Dry - Not Sampled				
	07/22/2010	<1.0	<1.0	<1.0	<1.0	13.90
	10/21/2010	<1.0	<1.0	<1.0	<1.0	13.53
MW03	01/29/2008	<1.0	<1.0	<1.0	<1.0	NM
	07/29/2008	<1.0	<1.0	<1.0	<1.0	13.48
	10/16/2008	<1.0	<1.0	<1.0	<1.0	13.52
	01/15/2009	Insufficient Water - Not Sampled				
	05/14/2009	<1.0	<1.0	<1.0	<1.0	NM
	07/07/2009	Dry - Not Sampled				
	12/03/2009	1.0	<1.0	<1.0	<1.0	12.68
	04/02/2010	<1.0	<1.0	<1.0	<1.0	13.48
	07/22/2010	Dry - Not Sampled				
	10/21/2010	<1.0	<1.0	<1.0	<1.0	12.80
MW04	01/29/2008	<1.0	<1.0	<1.0	<1.0	NM
	07/29/2008	<1.0	<1.0	<1.0	<1.0	13.62
	10/16/2008	<1.0	<1.0	<1.0	<1.0	13.70
	01/15/2009	Inaccessible - Not Sampled				
	07/07/2009	Dry - Not Sampled				



**TABLE 2 (Continued)**  
**GROUNDWATER ANALYTICAL RESULTS AND FIELD PARAMETERS**  
**GREAT WESTERN SUGAR NO. 2 (API No. 05-123-10634)**  
**WELD COUNTY, COLORADO**  
**PETROLEUM DEVELOPMENT CORPORATION**

Sample ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes (ug/L)	Depth to Water (ft btoc)
MW04	12/03/2009	<1.0	<1.0	<1.0	<1.0	10.69
	04/02/2010	Dry - Not Sampled				
	07/22/2010	<1.0	<1.0	<1.0	<1.0	14.80
	10/21/2010	Dry - Not Sampled				
<b>Basic Standards for Groundwater:</b>		<b>5</b>	<b>560</b>	<b>700</b>	<b>1400</b>	

Notes: < - less than                      ug/L - micrograms per Liter                      NA - Not Analyzed/Not Available  
ft btoc - feet below top of casing                      NM - Not measured                      API - American Petroleum Institute  
Basic Standards for Groundwater are taken from the Colorado Department of Health and Environment -  
Water Quality Control Commission Regulation 41, effective 4/1/2009.  
Bold numbers indicate result equaled or exceeded standard.



# Summit Scientific

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741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

November 28, 2007

John Cocroft

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: PDC - Great Western Sugar #2

Enclosed are the results of analyses for samples received by Summit Scientific on 11/27/07 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

Laboratory Director





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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Cocroft

Reported:  
11/28/07 06:23

**MW01**  
**R711108-01 (Water)**

**Summit Scientific**

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

Date Sampled: 11/27/07 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>520</b>	1.0	ug/l	1	7112706	11/27/07	11/28/07	EPA 8260B	
<b>Toluene</b>	<b>2.0</b>	1.0	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>420</b>	1.0	"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>3800</b>	10	"	10	"	"	11/28/07	"	

Date Sampled: 11/27/07 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	61.6-147		"	"	11/28/07	"	
<i>Surrogate: Toluene-d8</i>		117 %	89.3-110		"	"	"	"	QM-05
<i>Surrogate: 4-Bromofluorobenzene</i>		84.0 %	75.4-130		"	"	"	"	

Summit Scientific

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





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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Cocroft

Reported:  
11/28/07 06:23

## 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 7112706 - EPA 5030 Water MS

##### Blank (7112706-BLK1)

Prepared: 11/27/07 Analyzed: 11/28/07

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	39.2		"	40.0		98.0	61.6-147			
Surrogate: Toluene-d8	39.4		"	40.0		98.5	89.3-110			
Surrogate: 4-Bromofluorobenzene	39.8		"	40.0		99.5	75.4-130			

##### LCS (7112706-BS1)

Prepared: 11/27/07 Analyzed: 11/28/07

Benzene	101	1.0	ug/l	100		101	60.5-95.9			
Toluene	99.5	1.0	"	100		99.5	58.3-99.4			
Surrogate: 1,2-Dichloroethane-d4	38.4		"	40.0		96.0	61.6-147			
Surrogate: Toluene-d8	39.4		"	40.0		98.5	89.3-110			
Surrogate: 4-Bromofluorobenzene	41.1		"	40.0		103	75.4-130			

##### LCS Dup (7112706-BSD1)

Prepared: 11/27/07 Analyzed: 11/28/07

Benzene	99.1	1.0	ug/l	100		99.1	60.5-95.9	1.90	15.6	
Toluene	100	1.0	"	100		100	58.3-99.4	0.501	18.1	
Surrogate: 1,2-Dichloroethane-d4	38.6		"	40.0		96.5	61.6-147			
Surrogate: Toluene-d8	40.3		"	40.0		101	89.3-110			
Surrogate: 4-Bromofluorobenzene	40.3		"	40.0		101	75.4-130			

Summit Scientific

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

Project: PDC - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Cocroft

**Reported:**  
11/28/07 06:23

### Notes and Definitions

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The associated LCS and/or LCSD were within acceptance limits, therefore the data are considered valid.

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 ♦ 303.374.5933 - fax

December 03, 2007

John Cocroft

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: PDC - Great Western Sugar #2

Enclosed are the results of analyses for samples received by Summit Scientific on 11/29/07 17:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Ben Shrewsbury

Laboratory Director

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

Project: PDC - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Cocroft

**Reported:**  
12/03/07 18:06

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB01	R711121-01	Soil	11/29/07 08:45	11/29/07 17:40

[illegible]

Summit Scientific

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

Project: PDC - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Cocroft

**Reported:**  
12/03/07 18:06

**SB01**  
**R711121-01 (Soil)**

**Summit Scientific**

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: 11/29/07 08:45

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	7112904	11/29/07	11/30/07	8015 Full Carbon Chain	
<b>C10-C28 (TEPH-DRO)</b>	<b>120</b>	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: 11/29/07 08:45

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C6-C36 Total TEPH</b>	<b>120</b>		"	"	[CALC]	"	"	EPA 8015	

Summit Scientific

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Cocroft

Reported:  
12/03/07 18:06

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

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

**Batch 7112904 - EPA 3550A**

**Blank (7112904-BLK1)**

Prepared & Analyzed: 11/29/07

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

**LCS (7112904-BS1)**

Prepared & Analyzed: 11/29/07

C10-C28 (TEPH-DRO)	466	50	mg/kg	500	93.2	65.3-142
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**LCS Dup (7112904-BSD1)**

Prepared & Analyzed: 11/29/07

C10-C28 (TEPH-DRO)	526	50	mg/kg	500	105	65.3-142	12.1	19.7
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**Matrix Spike (7112904-MS1)**

Source: R711119-01

Prepared & Analyzed: 11/29/07

C10-C28 (TEPH-DRO)	897	50	mg/kg	500	370	105	55.2-139
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**Matrix Spike Dup (7112904-MSD1)**

Source: R711119-01

Prepared & Analyzed: 11/29/07

C10-C28 (TEPH-DRO)	765	50	mg/kg	500	370	79.0	55.2-139	15.9	16.7
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Summit Scientific

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

Project: PDC - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Cocroft

**Reported:**  
12/03/07 18:06

### 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.*

A handwritten signature in black ink, appearing to be 'JMM'.

# Summit Scientific

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741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

February 06, 2008

John Cocroft

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: PDC - Great Western Sugar #2

Enclosed are the results of analyses for samples received by Summit Scientific on 01/30/08 08:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'BS' or 'Shrewsbury', written in a cursive style.

Ben Shrewsbury

Laboratory Director





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

Project: PDC - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Cocroft

**Reported:**  
02/06/08 20:57

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R801116-01	Water	01/29/08 14:40	01/30/08 08:00
MW02	R801116-02	Water	01/29/08 14:50	01/30/08 08:00
MW03	R801116-03	Water	01/29/08 15:00	01/30/08 08:00
MW04	R801116-04	Water	01/29/08 15:20	01/30/08 08:00

Summit Scientific

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Cocroft

Reported:  
02/06/08 20:57

**MW01**  
**R801116-01 (Water)**

**Summit Scientific**

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

Date Sampled: **01/29/08 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>240</b>	1.0	ug/l	1	8020105	02/01/08	02/06/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>170</b>	1.0	"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>2300</b>	1.0	"	"	"	"	02/05/08	"	

Date Sampled: **01/29/08 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.5 %	90.2-124		"	"	02/06/08	"	
<i>Surrogate: Toluene-d8</i>		100 %	92.1-106		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.0 %	84.5-110		"	"	"	"	

Summit Scientific

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Cocroft

Reported:  
02/06/08 20:57

**MW02**  
**R801116-02 (Water)**

**Summit Scientific**

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

Date Sampled: **01/29/08 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	8020105	02/01/08	02/05/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **01/29/08 14:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		97.0 %	90.2-124		"	"	"	"	
Surrogate: Toluene-d8		101 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	84.5-110		"	"	"	"	

Summit Scientific

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Cocroft

Reported:  
02/06/08 20:57

**MW03**  
**R801116-03 (Water)**

**Summit Scientific**

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

Date Sampled: **01/29/08 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	8020105	02/01/08	02/05/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **01/29/08 15:00**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		100 %	90.2-124		"	"	"	"	
Surrogate: Toluene-d8		99.2 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	84.5-110		"	"	"	"	

Summit Scientific

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Cocroft

Reported:  
02/06/08 20:57

**MW04**  
**R801116-04 (Water)**

**Summit Scientific**

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

Date Sampled: **01/29/08 15:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	8020105	02/01/08	02/05/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **01/29/08 15:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		97.0 %	90.2-124		"	"	"	"	
Surrogate: Toluene-d8		98.5 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	84.5-110		"	"	"	"	

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Cocroft

Reported:  
02/06/08 20:57

## 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 8020105 - EPA 5030 Water MS

##### Blank (8020105-BLK1)

Prepared: 02/01/08 Analyzed: 02/05/08

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	13.3		"	13.3	100	90.2-124				
Surrogate: Toluene-d8	13.3		"	13.3	100	92.1-106				
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3	100	84.5-110				

##### LCS (8020105-BS1)

Prepared: 02/01/08 Analyzed: 02/06/08

Benzene	25.5	1.0	ug/l	33.3	76.6	61.4-110				
Toluene	29.3	1.0	"	33.3	88.0	54.2-116				
Surrogate: 1,2-Dichloroethane-d4	12.8		"	13.3	96.2	90.2-124				
Surrogate: Toluene-d8	13.3		"	13.3	100	92.1-106				
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3	100	84.5-110				

##### LCS Dup (8020105-BSD1)

Prepared: 02/01/08 Analyzed: 02/06/08

Benzene	23.8	1.0	ug/l	33.3	71.5	61.4-110	6.90	11.8		
Toluene	27.6	1.0	"	33.3	82.9	54.2-116	5.98	12.2		
Surrogate: 1,2-Dichloroethane-d4	13.1		"	13.3	98.5	90.2-124				
Surrogate: Toluene-d8	13.2		"	13.3	99.2	92.1-106				
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3	100	84.5-110				

Summit Scientific

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



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

Project: PDC - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Cocroft

**Reported:**  
02/06/08 20:57

### 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

A handwritten signature in black ink, appearing to be 'JMM'.



# Summit Scientific

---

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

October 28, 2008

John Peterson

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: PDC - Great Western Sugar #2

Enclosed are the results of analyses for samples received by Summit Scientific on 10/20/08 15:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Paul Shrewsbury For Ben Shrewsbury  
Vice President / Laboratory Director



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

Project: PDC - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
10/28/08 10:46

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R810090-01	Water	10/16/08 10:20	10/20/08 15:45
MW02	R810090-02	Water	10/16/08 10:25	10/20/08 15:45
MW03	R810090-03	Water	10/16/08 10:30	10/20/08 15:45
MW04	R810090-04	Water	10/16/08 10:35	10/20/08 15:45

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 - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
10/28/08 10:46

## Summit Scientific 2810090

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

Page

Client: LT Environmental, Inc.

Address: 4600 West 60th Avenue

City/State/Zip: Arvada, CO 80003

Phone: (303) 433-9788

Sampler Name: Ph. H. H.

11/1/04

**Project Manager:** John Peterson

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

Project Name: Great Western Sugar #2

Project Number: PDC0761

100

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative						Matrix				Analyze For:							Special Instructions	Notes:		
				HCl	HNO <sub>3</sub>	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	Total Carbon Chain	BTEX											
MW01	10-16-08	1020	2	X				X																
MW02	—	1025	2	X				X																
MW03	—	1030	2	X				X																
MW04	—	1035	2	/				X																
Quinched by:	Date Time:																							
MW01	10-16-08	1752		Received by: [Signature]																			Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input type="checkbox"/>	
Quinched by:	Date Time:	Received by:																			Sample Integrity: Temperature Upon Receipt: 4.2 Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Quinched by:	Date Time:	Received in Lab by:																						

[www.s2scientific.com](http://www.s2scientific.com)

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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
10/28/08 10:46

**MW01**  
**R810090-01 (Water)**

**Summit Scientific**

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

Date Sampled: **10/16/08 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>200</b>	1.0	ug/l	1	8102307	10/23/08	10/25/08	EPA 8260B	
<b>Toluene</b>	<b>1.4</b>	1.0	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>57</b>	1.0	"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>870</b>	1.0	"	"	"	"	"	"	

Date Sampled: **10/16/08 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	77.3-121		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		96.2 %	91.4-107		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
10/28/08 10:46

**MW02**  
**R810090-02 (Water)**

**Summit Scientific**

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

Date Sampled: **10/16/08 10:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	8102307	10/23/08	10/25/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **10/16/08 10:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.2 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		94.7 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.2 %	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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
10/28/08 10:46

**MW03**  
**R810090-03 (Water)**

**Summit Scientific**

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

Date Sampled: **10/16/08 10:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	8102307	10/23/08	10/25/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **10/16/08 10:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		99.2 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		94.7 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
10/28/08 10:46

**MW04**  
**R810090-04 (Water)**

**Summit Scientific**

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

Date Sampled: **10/16/08 10:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	8102307	10/23/08	10/25/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **10/16/08 10:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.2 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		93.2 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

Reported:  
10/28/08 10:46

## 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 8102307 - EPA 5030 Water MS

##### Blank (8102307-BLK1)

Prepared: 10/23/08 Analyzed: 10/24/08

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	13.4		"	13.3	101	77.3-121				
Surrogate: Toluene-d8	12.5		"	13.3	94.0	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.5		"	13.3	102	85.3-109				

##### LCS (8102307-BS1)

Prepared: 10/23/08 Analyzed: 10/24/08

Benzene	26.4	1.0	ug/l	33.3	79.3	70-114				
Toluene	28.1	1.0	"	33.3	84.4	72.7-116				
Surrogate: 1,2-Dichloroethane-d4	13.4		"	13.3	101	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				

##### LCS Dup (8102307-BSD1)

Prepared: 10/23/08 Analyzed: 10/24/08

Benzene	25.5	1.0	ug/l	33.3	76.6	70-114	3.47	8.14		
Toluene	27.4	1.0	"	33.3	82.3	72.7-116	2.52	7.88		
Surrogate: 1,2-Dichloroethane-d4	13.6		"	13.3	102	77.3-121				
Surrogate: Toluene-d8	12.5		"	13.3	94.0	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3	100	85.3-109				

##### Matrix Spike (8102307-MS1)

Source: R810088-01

Prepared: 10/23/08 Analyzed: 10/24/08

Benzene	25.6	1.0	ug/l	33.3	ND	76.9	66.8-117			
Toluene	27.3	1.0	"	33.3	ND	82.0	71.5-117			
Surrogate: 1,2-Dichloroethane-d4	14.0		"	13.3		105	77.3-121			
Surrogate: Toluene-d8	12.6		"	13.3		94.7	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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

Reported:  
10/28/08 10:46

**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 8102307 - EPA 5030 Water MS**

Matrix Spike Dup (8102307-MSD1)		Source: R810088-01			Prepared: 10/23/08		Analyzed: 10/24/08			
Benzene	25.5	1.0	ug/l	33.3	ND	76.6	66.8-117	0.391	17.8	
Toluene	27.4	1.0	"	33.3	ND	82.3	71.5-117	0.366	14.4	
Surrogate: 1,2-Dichloroethane-d4	15.9		"	13.3		120	77.3-121			
Surrogate: Toluene-d8	12.4		"	13.3		93.2	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 - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
10/28/08 10:46

### 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

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

*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 ♦ 303.374.5933 - fax

January 21, 2009

John Peterson

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: PDC - Great Western Sugar #2

Enclosed are the results of analyses for samples received by Summit Scientific on 01/15/09 17:03. 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 - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Peterson

Reported:  
01/21/09 13:35

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R901085-01	Water	01/15/09 11:30	01/15/09 17:03

Summit Scientific 2901085

**S<sub>2</sub>**  
741 Corporate Circle Suite I ♦ 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

Fax: (303) 433-1432

Project Name:

Project Name: Great Western

Sampler Name: Ben Lee

Project Number:

			Preservative		Matrix		Analyze For:	
Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl HNO <sub>3</sub> None Other (Specify)	Groundwater Soil	Air - Canister Serial #	Other (Specify) Total Carbon Chain BTX	Special Instructions
RWB1	1/5/09	11:30	2	X HCl X HNO <sub>3</sub>	X Groundwater		X Total Carbon Chain X BTX	
Relinquished by:	Date/Time:	1603	Received by:	Date/Time:	7-15-09	Turn Around Time (Check)		Notes:
Relinquished by:	Date/Time:	1/5/09	Received by:	Date/Time:	1-5-9	Same Day 24 Hours 48 Hours	<input checked="" type="checkbox"/> 72 Hours <input type="checkbox"/> Standard	
Relinquished by:	Date/Time:		Received in Lab by:	Date/Time:		Sample Integrity: Temperature Upon Receipt: Intact: Yes / No	4.5	

www.s2scientific.com

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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

Reported:  
01/21/09 13:35

**MW01**  
**R901085-01 (Water)**

**Summit Scientific**

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

Date Sampled: **01/15/09 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>91</b>	1.0	ug/l	1	9011904	01/19/09	01/21/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>12</b>	1.0	"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>450</b>	10	"	10	"	"	"	"	

Date Sampled: **01/15/09 11:30**

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>		99.2 %	91.4-107		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

Reported:  
01/21/09 13:35

## 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 9011904 - EPA 5030 Water MS

##### Blank (9011904-BLK1)

Prepared: 01/19/09 Analyzed: 01/20/09

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	14.4		"	13.3	108	77.3-121				
Surrogate: Toluene-d8	13.5		"	13.3	102	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.8		"	13.3	104	85.3-109				

##### LCS (9011904-BS1)

Prepared: 01/19/09 Analyzed: 01/20/09

Benzene	30.9	1.0	ug/l	33.3	92.8	70-114				
Toluene	33.8	1.0	"	33.3	102	72.7-116				
Surrogate: 1,2-Dichloroethane-d4	14.6		"	13.3	110	77.3-121				
Surrogate: Toluene-d8	13.5		"	13.3	102	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3	99.2	85.3-109				

##### LCS Dup (9011904-BSD1)

Prepared: 01/19/09 Analyzed: 01/20/09

Benzene	28.8	1.0	ug/l	33.3	86.5	70-114	7.04	8.14		
Toluene	29.4	1.0	"	33.3	88.3	72.7-116	13.9	7.88		
Surrogate: 1,2-Dichloroethane-d4	14.3		"	13.3	108	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				

##### Matrix Spike (9011904-MS1)

Source: R901079-01

Prepared: 01/19/09 Analyzed: 01/20/09

Benzene	27.1	1.0	ug/l	33.3	ND	81.4	66.8-117			
Toluene	28.1	1.0	"	33.3	ND	84.4	71.5-117			
Surrogate: 1,2-Dichloroethane-d4	15.0		"	13.3		113	77.3-121			
Surrogate: Toluene-d8	13.0		"	13.3		97.7	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 - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Peterson

Reported:  
01/21/09 13:35

**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 9011904 - EPA 5030 Water MS**

Matrix Spike Dup (9011904-MSD1)		Source: R901079-01		Prepared: 01/19/09		Analyzed: 01/20/09				
Benzene	28.6	1.0	ug/l	33.3	ND	85.9	66.8-117	5.39	17.8	
Toluene	28.6	1.0	"	33.3	ND	85.9	71.5-117	1.76	14.4	
Surrogate: 1,2-Dichloroethane-d4	16.8		"	13.3		126	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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
01/21/09 13:35

### 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

May 21, 2009

John Peterson

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: PDC - Great Western Sugar #2

Enclosed are the results of analyses for samples received by Summit Scientific on 05/14/09 17:05. 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 stroke.

Logan Shrewsbury For Ben Shrewsbury  
Vice President / Laboratory Director



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

Project: PDC - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
05/21/09 15:38

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R905128-01	Water	05/14/09 08:10	05/14/09 17:05
MW02	R905128-02	Water	05/14/09 08:20	05/14/09 17:05
MW03	R905128-03	Water	05/14/09 08:30	05/14/09 17:05

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 - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
05/21/09 15:38

Summit Scientific  
R905128

52

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

Page / of

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

Project Name: Arrest Western Sw

**Sampler Name:**

Project Number: 19C-0761

Project Number: POC 0761 / POC 08151

[illegible]

[www.s2scientific.com](http://www.s2scientific.com)

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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
05/21/09 15:38

**MW01**  
**R905128-01 (Water)**

**Summit Scientific**

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

Date Sampled: **05/14/09 08:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<b>Benzene</b>	<b>120</b>	1.0		ug/l	1	9051902	05/19/09	05/20/09	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>7.1</b>	1.0		"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>900</b>	10		"	10	"	"	"	"	

Date Sampled: **05/14/09 08:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		113 %		77.3-121		"	"	"	"	
Surrogate: Toluene-d8		105 %		91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %		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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

Reported:  
05/21/09 15:38

**MW02**  
**R905128-02 (Water)**

**Summit Scientific**

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

Date Sampled: **05/14/09 08:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	9051902	05/19/09	05/20/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/14/09 08:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		120 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		102 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

Reported:  
05/21/09 15:38

**MW03**  
**R905128-03 (Water)**

**Summit Scientific**

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

Date Sampled: **05/14/09 08:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	9051902	05/19/09	05/20/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/14/09 08:30**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		113 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		106 %	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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

Reported:  
05/21/09 15:38

## 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 9051902 - EPA 5030 Water MS

##### Blank (9051902-BLK1)

Prepared & Analyzed: 05/19/09

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	14.8		"	13.3	111	77.3-121				
Surrogate: Toluene-d8	14.0		"	13.3	105	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.7		"	13.3	103	85.3-109				

##### LCS (9051902-BS1)

Prepared & Analyzed: 05/19/09

Benzene	32.4	1.0	ug/l	33.3	97.3	70-114				
Toluene	30.3	1.0	"	33.3	91.0	72.7-116				
Surrogate: 1,2-Dichloroethane-d4	14.6		"	13.3	110	77.3-121				
Surrogate: Toluene-d8	14.0		"	13.3	105	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.8		"	13.3	104	85.3-109				

##### LCS Dup (9051902-BSD1)

Prepared & Analyzed: 05/19/09

Benzene	31.6	1.0	ug/l	33.3	94.9	70-114	2.50	8.14		
Toluene	29.6	1.0	"	33.3	88.9	72.7-116	2.34	7.88		
Surrogate: 1,2-Dichloroethane-d4	14.4		"	13.3	108	77.3-121				
Surrogate: Toluene-d8	13.6		"	13.3	102	91.4-107				
Surrogate: 4-Bromofluorobenzene	13.6		"	13.3	102	85.3-109				

##### Matrix Spike (9051902-MS1)

Source: R905110-01

Prepared & Analyzed: 05/19/09

Benzene	31.7	1.0	ug/l	33.3	ND	95.2	66.8-117			
Toluene	29.6	1.0	"	33.3	ND	88.9	71.5-117			
Surrogate: 1,2-Dichloroethane-d4	14.6		"	13.3		110	77.3-121			
Surrogate: Toluene-d8	13.5		"	13.3		102	91.4-107			
Surrogate: 4-Bromofluorobenzene	13.6		"	13.3		102	85.3-109			

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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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

Reported:  
05/21/09 15:38

**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 9051902 - EPA 5030 Water MS**

Matrix Spike Dup (9051902-MSD1)		Source: R905110-01			Prepared & Analyzed: 05/19/09					
Benzene	31.6	1.0	ug/l	33.3	ND	94.9	66.8-117	0.316	17.8	
Toluene	29.9	1.0	"	33.3	ND	89.8	71.5-117	1.01	14.4	
Surrogate: 1,2-Dichloroethane-d4	14.3		"	13.3		108	77.3-121			
Surrogate: Toluene-d8	13.6		"	13.3		102	91.4-107			
Surrogate: 4-Bromofluorobenzene	13.7		"	13.3		103	85.3-109			

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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 - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
05/21/09 15:38

### 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

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

*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

July 13, 2009

John Peterson

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: PDC - Great Western Sugar #2

Enclosed are the results of analyses for samples received by Summit Scientific on 07/07/09 15:00. 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, sweeping horizontal line.

Logan Shrewsbury For Ben Shrewsbury  
Vice President / Laboratory Director

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

Project: PDC - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
07/13/09 17:07

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R907041-01	Water	07/07/09 12:40	07/07/09 15:00

Summit Scientific  
2907041

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

Page ( of )

**Client:** LT Environmental, Inc.

Address: 4600 West 60th Avenue

City/State/Zip: Arvada, CO 80003

City/State/Zip: Allentown, PA 18104  
Phone: (303) 433-9788

PHONE. (505) 453-7180

Address: 4600 West 60th Avenue

City/State/Zip: Arvada, CO 80003  
E-Mail:

City/State/Zip: Atlanta, GA 30302  
 Phone: (303) 433-9788  
 Fax: (303) 433-1432  
 Project Name:

Project Name	Project Number
FLORIDA, (203) 433-7100	1444
IDA, (203) 433-1432	

Address: 4600 West 60th Avenue  
Project Manager: John Peterson

City/State/Zip: Arvada, CO 80003 E-Mail: ipeterson@lrite

City/State/Zip: ALBUQUERQUE, NM 87102  
 Phone: (303) 433-9788  
 Fax: (303) 433-1432  
 Project Name: 6/11/94

FIDUCIARY (503) 433-9780 FAX (503) 433-1432  
 PROJECT NAME: PROJECT NUMBER: 00000000  
 00000000

[illegible]

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*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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

Reported:  
07/13/09 17:07

**MW01**  
**R907041-01 (Water)**

**Summit Scientific**

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

Date Sampled: 07/07/09 12:40

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>110</b>	1.0	ug/l	1	9070801	07/08/09	07/09/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>7.5</b>	1.0	"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>500</b>	1.0	"	"	"	"	"	"	

Date Sampled: 07/07/09 12:40

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		102 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		95.5 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

Reported:  
07/13/09 17:07

## 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 9070801 - EPA 5030 Water MS

##### Blank (9070801-BLK1)

Prepared & Analyzed: 07/08/09

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	11.7		"	13.3	88.0	77.3-121				
Surrogate: Toluene-d8	13.0		"	13.3	97.7	91.4-107				
Surrogate: 4-Bromofluorobenzene	12.4		"	13.3	93.2	85.3-109				

##### LCS (9070801-BS1)

Prepared & Analyzed: 07/08/09

Benzene	25.0	1.0	ug/l	33.3	75.1	70-114				
Toluene	28.2	1.0	"	33.3	84.7	72.7-116				
Surrogate: 1,2-Dichloroethane-d4	12.0		"	13.3	90.2	77.3-121				
Surrogate: Toluene-d8	12.7		"	13.3	95.5	91.4-107				
Surrogate: 4-Bromofluorobenzene	12.3		"	13.3	92.5	85.3-109				

##### LCS Dup (9070801-BSD1)

Prepared & Analyzed: 07/08/09

Benzene	25.8	1.0	ug/l	33.3	77.5	70-114	3.15	8.14		
Toluene	29.5	1.0	"	33.3	88.6	72.7-116	4.51	7.88		
Surrogate: 1,2-Dichloroethane-d4	11.9		"	13.3	89.5	77.3-121				
Surrogate: Toluene-d8	12.9		"	13.3	97.0	91.4-107				
Surrogate: 4-Bromofluorobenzene	12.4		"	13.3	93.2	85.3-109				

##### Matrix Spike (9070801-MS1)

Source: R907013-01

Prepared & Analyzed: 07/08/09

Benzene	25.6	1.0	ug/l	33.3	ND	76.9	66.8-117			
Toluene	29.1	1.0	"	33.3	ND	87.4	71.5-117			
Surrogate: 1,2-Dichloroethane-d4	13.0		"	13.3		97.7	77.3-121			
Surrogate: Toluene-d8	12.6		"	13.3		94.7	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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
07/13/09 17:07

**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 9070801 - EPA 5030 Water MS**

Matrix Spike Dup (9070801-MSD1)		Source: R907013-01			Prepared & Analyzed: 07/08/09					
Benzene	23.5	1.0	ug/l	33.3	ND	70.6	66.8-117	8.55	17.8	
Toluene	27.0	1.0	"	33.3	ND	81.1	71.5-117	7.49	14.4	
Surrogate: 1,2-Dichloroethane-d4	14.1		"	13.3		106	77.3-121			
Surrogate: Toluene-d8	13.1		"	13.3		98.5	91.4-107			
Surrogate: 4-Bromofluorobenzene	12.5		"	13.3		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 - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
07/13/09 17:07

### 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

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

*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

September 15, 2009

John Peterson

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: PDC - Great Western Sugar #2

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

Sincerely,

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

Logan Shrewsbury For Ben Shrewsbury  
President / Laboratory Director





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

Project: PDC - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
09/15/09 13:35

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
N01@10'	R909053-01	Soil	09/09/09 12:09	09/09/09 17:00
E01@10'	R909053-02	Soil	09/09/09 12:04	09/09/09 17:00
W01@10'	R909053-03	Soil	09/09/09 12:02	09/09/09 17:00
E02@10'	R909053-04	Soil	09/09/09 12:36	09/09/09 17:00
W02@10'	R909053-05	Soil	09/09/09 12:01	09/09/09 17:00
S01@10'	R909053-06	Soil	09/09/09 11:58	09/09/09 17:00

Summit Scientific

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

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

Project: PDC - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
09/15/09 13:35

Summit Scientific 2909053

52

741 Corporate Circle Suite I ♦ 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: Acher (D. aboc)

Sampler Name: Asher Drinberg

**Project Manager:** John Peterson

E-Mail: [ipeterson@ltenv.com](mailto:ipeterson@ltenv.com)

Project Name: Great Western Survey #2

<b>Project Number:</b>	<b>CIR</b>
------------------------	------------

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*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 - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Peterson

Reported:  
09/15/09 13:35

**N01@10'**  
**R909053-01 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 09/09/09 12:09

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	9091104	09/11/09	09/11/09	8015 DRO	

Date Sampled: 09/09/09 12:09

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		97.4 %	77.7-123		"	"	"	"	

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

Date Sampled: 09/09/09 12:09

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	9091103	09/11/09	09/11/09	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 09/09/09 12:09

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		107 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		101 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.4 %	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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

Reported:  
09/15/09 13:35

**E01 @ 10'**  
**R909053-02 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: **09/09/09 12:04**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	9091104	09/11/09	09/11/09	8015 DRO	

Date Sampled: **09/09/09 12:04**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		102 %	77.7-123		"	"	"	"	

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

Date Sampled: **09/09/09 12:04**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	9091103	09/11/09	09/11/09	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/09/09 12:04**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		111 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		101 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.9 %	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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

Reported:  
09/15/09 13:35

**W01@10'**  
**R909053-03 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: **09/09/09 12:02**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	9091104	09/11/09	09/11/09	8015 DRO	

Date Sampled: **09/09/09 12:02**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		109 %	77.7-123		"	"	"	"	

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

Date Sampled: **09/09/09 12:02**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	9091103	09/11/09	09/11/09	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/09/09 12:02**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		107 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		101 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

Reported:  
09/15/09 13:35

**E02@10'**  
**R909053-04 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: **09/09/09 12:36**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	9091104	09/11/09	09/11/09	8015 DRO	

Date Sampled: **09/09/09 12:36**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		101 %	77.7-123		"	"	"	"	

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

Date Sampled: **09/09/09 12:36**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	9091103	09/11/09	09/11/09	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	<b>0.066</b>	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	<b>1.2</b>	0.50	"	"	"	"	"	"	

Date Sampled: **09/09/09 12:36**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		106 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		103 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	85.3-109		"	"	"	"	

Summit Scientific

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

Reported:  
09/15/09 13:35

**W02@10'**  
**R909053-05 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: **09/09/09 12:01**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	9091104	09/11/09	09/11/09	8015 DRO	

Date Sampled: **09/09/09 12:01**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		99.4 %	77.7-123		"	"	"	"	

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

Date Sampled: **09/09/09 12:01**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	9091103	09/11/09	09/11/09	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/09/09 12:01**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		112 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		103 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.0 %	85.3-109		"	"	"	"	

Summit Scientific

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

Reported:  
09/15/09 13:35

**S01@10'**  
**R909053-06 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: **09/09/09 11:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	9091104	09/11/09	09/11/09	8015 DRO	

Date Sampled: **09/09/09 11:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		112 %	77.7-123		"	"	"	"	

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

Date Sampled: **09/09/09 11:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	9091103	09/11/09	09/14/09	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **09/09/09 11:58**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		103 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		101 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.3 %	85.3-109		"	"	"	"	

Summit Scientific

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
09/15/09 13:35

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

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

**Batch 9091104 - EPA 3550A**

**Blank (9091104-BLK1)**

Prepared & Analyzed: 09/11/09

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 12.5 " 12.5 100 77.7-123

**LCS (9091104-BS1)**

Prepared & Analyzed: 09/11/09

C10-C28 (DRO) 499 50 mg/kg 500 99.8 83.3-127 15

**LCS (9091104-BS2)**

Prepared & Analyzed: 09/11/09

C10-C28 (DRO) 66.0 50 mg/kg 83.3-127 15

**LCS Dup (9091104-BSD1)**

Prepared & Analyzed: 09/11/09

C10-C28 (DRO) 491 50 mg/kg 500 98.3 83.3-127 1.49 15

**LCS Dup (9091104-BSD2)**

Prepared & Analyzed: 09/11/09

C10-C28 (DRO) 65.8 50 mg/kg 83.3-127 0.241 15

**Matrix Spike (9091104-MS1)**

Source: R909042-01

Prepared & Analyzed: 09/11/09

C10-C28 (DRO) 508 50 mg/kg 500 ND 102 75.8-126 13.6

**Matrix Spike (9091104-MS2)**

Source: R909042-01

Prepared & Analyzed: 09/11/09

C10-C28 (DRO) 74.7 50 mg/kg ND 75.8-126 13.6

**Matrix Spike Dup (9091104-MSD1)**

Source: R909042-01

Prepared & Analyzed: 09/11/09

C10-C28 (DRO) 473 50 mg/kg 500 ND 94.6 75.8-126 7.27 13.6

**Matrix Spike Dup (9091104-MSD2)**

Source: R909042-01

Prepared & Analyzed: 09/11/09

C10-C28 (DRO) 82.9 50 mg/kg ND 75.8-126 10.4 13.6

Summit Scientific

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

Reported:  
09/15/09 13:35

**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 9091103 - EPA 5030 Soil MS**

**Blank (9091103-BLK1)**

Prepared & Analyzed: 09/11/09

Benzene	ND	0.0050	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0378		"	0.0400		94.4	77.3-121			
Surrogate: Toluene-d8	0.0404		"	0.0400		101	91.4-107			
Surrogate: 4-Bromofluorobenzene	0.0381		"	0.0400		95.2	85.3-109			

**LCS (9091103-BS1)**

Prepared & Analyzed: 09/11/09

Benzene	0.0895	0.0050	mg/kg	0.100		89.5	70-114		8.14	
Toluene	0.0990	0.0050	"	0.100		99.0	72.7-116		7.88	
Surrogate: 1,2-Dichloroethane-d4	0.0376		"	0.0400		93.9	77.3-121			
Surrogate: Toluene-d8	0.0396		"	0.0400		99.1	91.4-107			
Surrogate: 4-Bromofluorobenzene	0.0361		"	0.0400		90.3	85.3-109			

**LCS Dup (9091103-BSD1)**

Prepared & Analyzed: 09/11/09

Benzene	0.0886	0.0050	mg/kg	0.100		88.6	70-114	0.977	8.14	
Toluene	0.0969	0.0050	"	0.100		96.9	72.7-116	2.14	7.88	
Surrogate: 1,2-Dichloroethane-d4	0.0384		"	0.0400		96.0	77.3-121			
Surrogate: Toluene-d8	0.0395		"	0.0400		98.8	91.4-107			
Surrogate: 4-Bromofluorobenzene	0.0377		"	0.0400		94.2	85.3-109			

**Matrix Spike (9091103-MS1)**

Source: R909042-01

Prepared & Analyzed: 09/11/09

Benzene	0.0914	0.0050	mg/kg	0.100	ND	91.4	66.8-117		17.8	
Toluene	0.0998	0.0050	"	0.100	ND	99.8	71.5-117		14.4	
Surrogate: 1,2-Dichloroethane-d4	0.0430		"	0.0400		107	77.3-121			
Surrogate: Toluene-d8	0.0400		"	0.0400		100	91.4-107			
Surrogate: 4-Bromofluorobenzene	0.0372		"	0.0400		93.1	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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
09/15/09 13:35

**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 9091103 - EPA 5030 Soil MS**

Matrix Spike Dup (9091103-MSD1)		Source: R909042-01			Prepared & Analyzed: 09/11/09					
Benzene	0.0885	0.0050	mg/kg	0.100	ND	88.5	66.8-117	3.24	17.8	
Toluene	0.0999	0.0050	"	0.100	ND	99.9	71.5-117	0.150	14.4	
Surrogate: 1,2-Dichloroethane-d4	0.0431		"	0.0400		108	77.3-121			
Surrogate: Toluene-d8	0.0399		"	0.0400		99.7	91.4-107			
Surrogate: 4-Bromofluorobenzene	0.0381		"	0.0400		95.3	85.3-109			

Summit Scientific

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
09/15/09 13:35

### 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

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

*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 10, 2009

John Peterson  
LT Environmental, Inc.  
4600 West 60th Avenue  
Arvada, CO 80003  
RE: PDC - Great Western Sugar #2

Enclosed are the results of analyses for samples received by Summit Scientific on 12/04/09 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue 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 - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
12/10/09 10:35

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01R	R912021-01	Water	12/03/09 11:15	12/04/09 16:30
MW02	R912021-02	Water	12/03/09 12:20	12/04/09 16:30
MW03	R912021-03	Water	12/03/09 12:00	12/04/09 16:30
MW04	R912021-04	Water	12/03/09 11:30	12/04/09 16:30

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 - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
12/10/09 10:35

## Summit Scientific 20/2021

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: *Lee B*

**Project Manager:** John Peterson

E-Mail: [ipeterson@ltnv.com](mailto:ipeterson@ltnv.com)

Project Name: Great Western Survey #2

Project Name: Great Wks  
Project Number: P000161

Page of

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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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
12/10/09 10:35

**MW01R**  
**R912021-01 (Water)**

**Summit Scientific**

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

Date Sampled: 12/03/09 11:15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9120702	12/07/09	12/07/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>13</b>	1.0	"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>59</b>	1.0	"	"	"	"	"	"	

Date Sampled: 12/03/09 11:15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		104 %	74.3-129		"	"	"	"	
Surrogate: Toluene-d8		99.5 %	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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
12/10/09 10:35

**MW02**  
**R912021-02 (Water)**

**Summit Scientific**

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

Date Sampled: 12/03/09 12:20

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	9120702	12/07/09	12/08/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 12/03/09 12:20

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		103 %	74.3-129		"	"	"	"	
Surrogate: Toluene-d8		102 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
12/10/09 10:35

**MW03**  
**R912021-03 (Water)**

**Summit Scientific**

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

Date Sampled: 12/03/09 12:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>Benzene</b>	<b>1.0</b>	1.0	ug/l	1	9120702	12/07/09	12/08/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 12/03/09 12:00

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		101 %	74.3-129		"	"	"	"	
Surrogate: Toluene-d8		101 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
12/10/09 10:35

**MW04**  
**R912021-04 (Water)**

**Summit Scientific**

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

Date Sampled: 12/03/09 11:30

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	9120702	12/07/09	12/08/09	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: 12/03/09 11:30

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		99.6 %		74.3-129		"	"	"	"	
Surrogate: Toluene-d8		99.9 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %		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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
12/10/09 10:35

## 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 9120702 - EPA 5030 Water MS

##### Blank (9120702-BLK1)

Prepared & Analyzed: 12/07/09

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	12.9		"	13.3		96.8	74.3-129			
Surrogate: Toluene-d8	13.3		"	13.3		100	87.7-110			
Surrogate: 4-Bromofluorobenzene	13.7		"	13.3		102	83.5-115			

##### LCS (9120702-BS1)

Prepared & Analyzed: 12/07/09

Benzene	35.2	1.0	ug/l	33.3		106	70-114		8.14	
Toluene	35.8	1.0	"	33.3		107	72.7-116		7.88	
Surrogate: 1,2-Dichloroethane-d4	13.3		"	13.3		99.8	74.3-129			
Surrogate: Toluene-d8	13.3		"	13.3		100	87.7-110			
Surrogate: 4-Bromofluorobenzene	13.6		"	13.3		102	83.5-115			

##### LCS Dup (9120702-BSD1)

Prepared & Analyzed: 12/07/09

Benzene	35.6	1.0	ug/l	33.3		107	70-114	1.05	8.14	
Toluene	35.0	1.0	"	33.3		105	72.7-116	2.12	7.88	
Surrogate: 1,2-Dichloroethane-d4	12.9		"	13.3		96.5	74.3-129			
Surrogate: Toluene-d8	12.8		"	13.3		95.6	87.7-110			
Surrogate: 4-Bromofluorobenzene	13.5		"	13.3		101	83.5-115			

##### Matrix Spike (9120702-MS1)

Source: R912014-01

Prepared & Analyzed: 12/07/09

Benzene	38.0	1.0	ug/l	33.3	ND	114	66.8-117		17.8	
Toluene	37.6	1.0	"	33.3	ND	113	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		102	87.7-110			
Surrogate: 4-Bromofluorobenzene	13.6		"	13.3		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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
12/10/09 10:35

**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 9120702 - EPA 5030 Water MS**

Matrix Spike Dup (9120702-MSD1)	Source: R912014-01			Prepared & Analyzed: 12/07/09						
Benzene	34.4	1.0	ug/l	33.3	ND	103	66.8-117	9.92	17.8	
Toluene	34.4	1.0	"	33.3	ND	103	71.5-117	9.01	14.4	
Surrogate: 1,2-Dichloroethane-d4	16.4		"	13.3		123	74.3-129			
Surrogate: Toluene-d8	13.7		"	13.3		102	87.7-110			
Surrogate: 4-Bromofluorobenzene	14.1		"	13.3		106	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 - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: John Peterson

**Reported:**  
12/10/09 10:35

### 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

A handwritten signature in black ink, appearing to be 'JP' or similar, with a long horizontal stroke extending to the right.

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

# Summit Scientific

---

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

April 13, 2010

Brian Dodek

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: PDC - Great Western Sugar #2

Enclosed are the results of analyses for samples received by Summit Scientific on 04/02/10 17:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Logan Shrewsbury For Ben Shrewsbury  
President / Laboratory Director



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

Project: PDC - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: Brian Dodek

**Reported:**  
04/13/10 14:26

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01R	R004025-01	Water	04/02/10 12:10	04/02/10 17:00
MW03	R004025-02	Water	04/02/10 12:20	04/02/10 17:00

Summit Scientific

A handwritten signature in black ink, appearing to be 'JD' or similar, with a long horizontal stroke extending to the right.

*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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: Brian Dodek

Reported:  
04/13/10 14:26

**MW01R**  
**R004025-01 (Water)**

**Summit Scientific**

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

Date Sampled: **04/02/10 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0040602	04/06/10	04/07/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>4.2</b>	1.0	"	"	"	"	"	"	

Date Sampled: **04/02/10 12:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		76.2 %	70.4-127		"	"	"	"	
Surrogate: Toluene-d8		106 %	85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.4 %	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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: Brian Dodek

Reported:  
04/13/10 14:26

**MW03**  
**R004025-02 (Water)**

**Summit Scientific**

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

Date Sampled: **04/02/10 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	0040602	04/06/10	04/07/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **04/02/10 12:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		76.8 %	70.4-127		"	"	"	"	
Surrogate: Toluene-d8		104 %	85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: Brian Dodek

Reported:  
04/13/10 14:26

## 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 0040602 - EPA 5030 Water MS

##### Blank (0040602-BLK1)

Prepared: 04/06/10 Analyzed: 04/07/10

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	9.96		"	13.3	74.7	70.4-127				
Surrogate: Toluene-d8	13.8		"	13.3	104	85.7-111				
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3	97.5	83.9-116				

##### LCS (0040602-BS1)

Prepared: 04/06/10 Analyzed: 04/07/10

Benzene	40.2	1.0	ug/l	33.3	121	64.2-127			10.9	
Toluene	41.1	1.0	"	33.3	123	66.4-125			11.3	
Ethylbenzene	25.3	1.0	"	33.3	76.0	70-130			20	
m,p-Xylene	56.9	2.0	"	66.7	85.4	70-130			20	
o-Xylene	24.4	1.0	"	33.3	73.3	70-130			20	
Surrogate: 1,2-Dichloroethane-d4	10.2		"	13.3	76.6	70.4-127				
Surrogate: Toluene-d8	14.2		"	13.3	107	85.7-111				
Surrogate: 4-Bromofluorobenzene	12.9		"	13.3	96.8	83.9-116				

##### LCS Dup (0040602-BSD1)

Prepared: 04/06/10 Analyzed: 04/07/10

Benzene	37.1	1.0	ug/l	33.3	111	64.2-127	7.86		10.9	
Toluene	38.6	1.0	"	33.3	116	66.4-125	6.17		11.3	
Ethylbenzene	26.8	1.0	"	33.3	80.5	70-130	5.83		20	
m,p-Xylene	55.7	2.0	"	66.7	83.5	70-130	2.15		20	
o-Xylene	26.0	1.0	"	33.3	77.9	70-130	6.11		20	
Surrogate: 1,2-Dichloroethane-d4	11.3		"	13.3	85.1	70.4-127				
Surrogate: Toluene-d8	14.6		"	13.3	110	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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: Brian Dodek

Reported:  
04/13/10 14:26

**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 0040602 - EPA 5030 Water MS**

Matrix Spike (0040602-MS1)				Source: R004025-02		Prepared: 04/06/10		Analyzed: 04/07/10		
Benzene	39.8	1.0	ug/l	33.3	ND	119	57.4-127		19.3	
Toluene	40.1	1.0	"	33.3	ND	120	60.1-123		18.7	
Ethylbenzene	24.5	1.0	"	33.3	ND	73.6	70-130		20	
m,p-Xylene	54.6	2.0	"	66.7	ND	82.0	70-130		20	
o-Xylene	23.6	1.0	"	33.3	ND	71.0	70-130		20	
Surrogate: 1,2-Dichloroethane-d4	10.5		"	13.3		78.7	70.4-127			
Surrogate: Toluene-d8	14.8		"	13.3		111	85.7-111			
Surrogate: 4-Bromofluorobenzene	12.9		"	13.3		96.8	83.9-116			
Matrix Spike Dup (0040602-MSD1)				Source: R004025-02		Prepared: 04/06/10		Analyzed: 04/07/10		
Benzene	40.3	1.0	ug/l	33.3	ND	121	57.4-127	1.45	19.3	
Toluene	39.8	1.0	"	33.3	ND	119	60.1-123	0.951	18.7	
Ethylbenzene	24.8	1.0	"	33.3	ND	74.3	70-130	1.05	20	
m,p-Xylene	54.8	2.0	"	66.7	ND	82.1	70-130	0.201	20	
o-Xylene	23.7	1.0	"	33.3	ND	71.1	70-130	0.211	20	
Surrogate: 1,2-Dichloroethane-d4	10.7		"	13.3		80.1	70.4-127			
Surrogate: Toluene-d8	14.2		"	13.3		106	85.7-111			
Surrogate: 4-Bromofluorobenzene	12.9		"	13.3		96.8	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 - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: Brian Dodek

**Reported:**  
04/13/10 14:26

### 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

A handwritten signature in black ink, appearing to be 'JD' or similar, with a long horizontal stroke extending to the right.

*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

July 26, 2010

Brian Dodek

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: PDC - Great Western Sugar #2

Enclosed are the results of analyses for samples received by Summit Scientific on 07/22/10 17:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Logan Shrewsbury For Ben Shrewsbury  
President / Laboratory Director



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

Project: PDC - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: Brian Dodek

**Reported:**  
07/26/10 14:14

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01R	R007117-01	Water	07/22/10 13:00	07/22/10 17:00
MW02	R007117-02	Water	07/22/10 13:05	07/22/10 17:00
MW04	R007117-03	Water	07/22/10 13:15	07/22/10 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 - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: Brian Dodek

**Reported:**  
07/26/10 14:14

Summit Scientific 1007117

741 Corporate Circle Suite I ♦ 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

Sample Name: FL

SAMPLE NAME: 2896a

Project Manager: *B. Dobek*

E-Mail: [bbdo.k@tenv.com](mailto:bbdo.k@tenv.com)

Project Name: Scott Western Soc. Car #2

Project Number: DA 776.1

0715577

[illegible]

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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: Brian Dodek

Reported:  
07/26/10 14:14

**MW01R**  
**R007117-01 (Water)**

**Summit Scientific**

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

Date Sampled: **07/22/10 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0072301	07/23/10	07/24/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **07/22/10 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70.4-127		"	"	"	"	
Surrogate: Toluene-d8		99.1 %	85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.4 %	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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: Brian Dodek

**Reported:**  
07/26/10 14:14

**MW02**  
**R007117-02 (Water)**

**Summit Scientific**

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

Date Sampled: **07/22/10 13:05**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0072301	07/23/10	07/24/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **07/22/10 13:05**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		91.8 %		70.4-127		"	"	"	"	
Surrogate: Toluene-d8		95.0 %		85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.9 %		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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: Brian Dodek

Reported:  
07/26/10 14:14

**MW04**  
**R007117-03 (Water)**

**Summit Scientific**

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

Date Sampled: **07/22/10 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	0072301	07/23/10	07/24/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **07/22/10 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70.4-127		"	"	"	"	
Surrogate: Toluene-d8		98.2 %	85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.7 %	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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: Brian Dodek

Reported:  
07/26/10 14:14

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

### Summit Scientific

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

#### Batch 0072301 - EPA 5030 Water MS

##### Blank (0072301-BLK1)

Prepared & Analyzed: 07/23/10

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	94.9	70.4-127				
Surrogate: Toluene-d8	12.7		"	13.3	95.5	85.7-111				
Surrogate: 4-Bromofluorobenzene	12.8		"	13.3	95.6	83.9-116				

##### LCS (0072301-BS1)

Prepared & Analyzed: 07/23/10

Benzene	28.6	1.0	ug/l	33.3	85.8	64.2-127			10.9	
Toluene	28.1	1.0	"	33.3	84.4	66.4-125			11.3	
Ethylbenzene	31.0	1.0	"	33.3	92.9	70-130			20	
m,p-Xylene	59.0	2.0	"	66.7	88.5	70-130			20	
o-Xylene	26.8	1.0	"	33.3	80.3	70-130			20	
Surrogate: 1,2-Dichloroethane-d4	13.2		"	13.3	99.4	70.4-127				
Surrogate: Toluene-d8	13.1		"	13.3	98.4	85.7-111				
Surrogate: 4-Bromofluorobenzene	12.5		"	13.3	93.5	83.9-116				

##### LCS (0072301-BS2)

Prepared & Analyzed: 07/23/10

Benzene	28.7	1.0	ug/l	33.3	86.0	64.2-127			10.9	
Toluene	28.0	1.0	"	33.3	84.0	66.4-125			11.3	
Ethylbenzene	32.2	1.0	"	33.3	96.5	70-130			20	
m,p-Xylene	60.7	2.0	"	66.7	91.0	70-130			20	
o-Xylene	27.5	1.0	"	33.3	82.4	70-130			20	
Surrogate: 1,2-Dichloroethane-d4	12.5		"	13.3	93.8	70.4-127				
Surrogate: Toluene-d8	13.1		"	13.3	98.3	85.7-111				
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3	97.7	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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: Brian Dodek

Reported:  
07/26/10 14:14

**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 0072301 - EPA 5030 Water MS**

**LCS Dup (0072301-BSD1)**

Prepared & Analyzed: 07/23/10

Benzene	29.3	1.0	ug/l	33.3		87.8	64.2-127	2.32	10.9	
Toluene	28.2	1.0	"	33.3		84.5	66.4-125	0.107	11.3	
Ethylbenzene	31.6	1.0	"	33.3		95.0	70-130	2.14	20	
m,p-Xylene	60.1	2.0	"	66.7		90.2	70-130	1.86	20	
o-Xylene	27.1	1.0	"	33.3		81.2	70-130	1.15	20	
Surrogate: 1,2-Dichloroethane-d4	12.9		"	13.3		97.1	70.4-127			
Surrogate: Toluene-d8	13.1		"	13.3		98.0	85.7-111			
Surrogate: 4-Bromofluorobenzene	12.7		"	13.3		95.4	83.9-116			

**LCS Dup (0072301-BSD2)**

Prepared & Analyzed: 07/23/10

Benzene	28.6	1.0	ug/l	33.3		85.7	64.2-127	0.349	10.9	
Toluene	27.7	1.0	"	33.3		83.0	66.4-125	1.11	11.3	
Ethylbenzene	31.2	1.0	"	33.3		93.7	70-130	2.97	20	
m,p-Xylene	59.3	2.0	"	66.7		88.9	70-130	2.30	20	
o-Xylene	27.4	1.0	"	33.3		82.2	70-130	0.182	20	
Surrogate: 1,2-Dichloroethane-d4	12.9		"	13.3		97.0	70.4-127			
Surrogate: Toluene-d8	13.2		"	13.3		99.4	85.7-111			
Surrogate: 4-Bromofluorobenzene	12.7		"	13.3		95.3	83.9-116			

**Matrix Spike (0072301-MS1)**

Source: R007114-03

Prepared & Analyzed: 07/23/10

Benzene	28.0	1.0	ug/l	33.3	ND	84.1	57.4-127		19.3	
Toluene	27.4	1.0	"	33.3	ND	82.1	60.1-123		18.7	
Ethylbenzene	30.2	1.0	"	33.3	ND	90.7	70-130		20	
m,p-Xylene	57.5	2.0	"	66.7	ND	86.2	70-130		20	
o-Xylene	26.0	1.0	"	33.3	ND	78.1	70-130		20	
Surrogate: 1,2-Dichloroethane-d4	13.2		"	13.3		98.8	70.4-127			
Surrogate: Toluene-d8	13.2		"	13.3		99.2	85.7-111			
Surrogate: 4-Bromofluorobenzene	12.9		"	13.3		96.7	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 - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: Brian Dodek

Reported:  
07/26/10 14:14

**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 0072301 - EPA 5030 Water MS**

Matrix Spike (0072301-MS2)		Source: R007114-02			Prepared & Analyzed: 07/23/10					
Benzene	28.4	1.0	ug/l	33.3	ND	85.1	57.4-127		19.3	
Toluene	27.7	1.0	"	33.3	ND	83.0	60.1-123		18.7	
Ethylbenzene	30.2	1.0	"	33.3	ND	90.6	70-130		20	
m,p-Xylene	57.8	2.0	"	66.7	ND	86.7	70-130		20	
o-Xylene	26.4	1.0	"	33.3	ND	79.1	70-130		20	
Surrogate: 1,2-Dichloroethane-d4	13.5		"	13.3		101	70.4-127			
Surrogate: Toluene-d8	13.4		"	13.3		100	85.7-111			
Surrogate: 4-Bromofluorobenzene	12.6		"	13.3		94.1	83.9-116			

Matrix Spike Dup (0072301-MSD1)		Source: R007114-03			Prepared & Analyzed: 07/23/10					
Benzene	27.9	1.0	ug/l	33.3	ND	83.7	57.4-127	0.536	19.3	
Toluene	27.3	1.0	"	33.3	ND	81.9	60.1-123	0.256	18.7	
Ethylbenzene	30.2	1.0	"	33.3	ND	90.6	70-130	0.132	20	
m,p-Xylene	58.2	2.0	"	66.7	ND	87.3	70-130	1.24	20	
o-Xylene	26.4	1.0	"	33.3	ND	79.2	70-130	1.37	20	
Surrogate: 1,2-Dichloroethane-d4	13.3		"	13.3		99.8	70.4-127			
Surrogate: Toluene-d8	13.0		"	13.3		97.7	85.7-111			
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3		97.3	83.9-116			

Matrix Spike Dup (0072301-MSD2)		Source: R007114-02			Prepared & Analyzed: 07/23/10					
Benzene	28.4	1.0	ug/l	33.3	ND	85.3	57.4-127	0.176	19.3	
Toluene	27.4	1.0	"	33.3	ND	82.2	60.1-123	1.02	18.7	
Ethylbenzene	30.0	1.0	"	33.3	ND	90.1	70-130	0.498	20	
m,p-Xylene	57.3	2.0	"	66.7	ND	85.9	70-130	0.921	20	
o-Xylene	26.5	1.0	"	33.3	ND	79.4	70-130	0.379	20	
Surrogate: 1,2-Dichloroethane-d4	13.4		"	13.3		100	70.4-127			
Surrogate: Toluene-d8	13.4		"	13.3		101	85.7-111			
Surrogate: 4-Bromofluorobenzene	12.8		"	13.3		96.3	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 - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: Brian Dodek

**Reported:**  
07/26/10 14:14

### 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

A handwritten signature in black ink, appearing to be 'JD' or similar, with a long horizontal stroke extending to the right.

*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

October 02, 2010

Brian Dodek

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

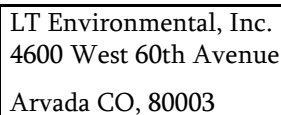
RE: PDC - Great Western Sugar #2

Enclosed are the results of analyses for samples received by Summit Scientific on 10/01/10 17:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Logan Shrewsbury For Ben Shrewsbury  
President / Laboratory Director



Project Number: PDC 0761.05  
Project Manager: Brian Dodek

**Reported:**  
10/02/10 17:24

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PDC0761.05CSI	R010008-01	Soil	10/01/10 14:45	10/01/10 17:00

Summit Scientific 2008

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	Fax: (303) 433-1432
Sampler Name:	S. Ragan	
Project Manager:	Brian Dodek	
E-Mail:	bdodek@ltenv.com	
Project Name:	Great Western Sugar #2	
Project Number:	PSC0761.05	

[illegible]

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*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 - Great Western Sugar #2

Project Number: PDC 0761.05  
Project Manager: Brian Dodek

Reported:  
10/02/10 17:24

**PDC0761.05CSI**  
**R010008-01 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: **10/01/10 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C10-C28 (DRO)</b>	<b>2900</b>	50	mg/kg	1	0100109	10/01/10	10/01/10	8015 DRO	

Date Sampled: **10/01/10 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		112 %	88.8-124		"	"	"	"	

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

Date Sampled: **10/01/10 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Naphthalene</b>	<b>2.9</b>	0.050	mg/kg	10	0100108	10/01/10	10/01/10	EPA 8260B	
<b>Benzene</b>	<b>0.36</b>	0.050	"	"	"	"	"	"	
<b>Toluene</b>	<b>5.8</b>	0.050	"	"	"	"	10/01/10	"	
<b>Ethylbenzene</b>	<b>1.8</b>	0.050	"	"	"	"	10/01/10	"	
<b>m,p-Xylene</b>	<b>15</b>	0.10	"	"	"	"	10/01/10	"	
<b>o-Xylene</b>	<b>8.9</b>	0.050	"	"	"	"	"	"	
<b>Gasoline Range Hydrocarbons</b>	<b>500</b>	5.0	"	"	"	"	"	"	E

Date Sampled: **10/01/10 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.4 %	67.4-143		"	"	10/01/10	"	
<i>Surrogate: Toluene-d8</i>		96.2 %	77.3-114		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.8 %	78.4-125		"	"	"	"	

Summit Scientific

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761.05  
Project Manager: Brian Dodek

**Reported:**  
10/02/10 17:24

**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 0100109 - EPA 3550A**

**Blank (0100109-BLK1)**

Prepared & Analyzed: 10/01/10

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 13.0 " 12.5 104 88.8-124

**LCS (0100109-BS1)**

Prepared & Analyzed: 10/01/10

C10-C28 (DRO) 507 50 mg/kg 501 101 81.4-129 9.26

**LCS Dup (0100109-BSD1)**

Prepared & Analyzed: 10/01/10

C10-C28 (DRO) 488 50 mg/kg 501 97.3 81.4-129 3.92 9.26

**Matrix Spike (0100109-MS1)**

Source: R010007-03

Prepared & Analyzed: 10/01/10

C10-C28 (DRO) 2790 50 mg/kg 501 2720 13.5 77.8-133 8.48

**Matrix Spike Dup (0100109-MSD1)**

Source: R010007-03

Prepared & Analyzed: 10/01/10

C10-C28 (DRO) 3010 50 mg/kg 501 2720 56.6 77.8-133 7.45 8.48

Summit Scientific

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761.05  
Project Manager: Brian Dodek

Reported:  
10/02/10 17:24

**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 0100108 - EPA 5030 Soil MS**

**Blank (0100108-BLK1)**

Prepared: 10/01/10 Analyzed: 10/02/10

Naphthalene	ND	0.0050	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
m,p-Xylene	ND	0.010	"							
o-Xylene	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0343		"	0.0400		85.6	67.4-143			
Surrogate: Toluene-d8	0.0392		"	0.0400		98.0	77.3-114			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.5	78.4-125			

**LCS (0100108-BS1)**

Prepared & Analyzed: 10/01/10

Naphthalene	0.00564	0.0050	mg/kg				67.8-151		20	
Benzene	0.117	0.0050	"	0.100		117	61-139		11.1	
Toluene	0.106	0.0050	"	0.100		106	64-132		10.9	
Ethylbenzene	0.106	0.0050	"	0.100		106	68.7-135		20	
m,p-Xylene	0.198	0.010	"	0.200		99.0	70.4-129		20	
o-Xylene	0.102	0.0050	"	0.100		102	66.9-126		20	
Surrogate: 1,2-Dichloroethane-d4	0.0387		"	0.0400		96.8	67.4-143			
Surrogate: Toluene-d8	0.0406		"	0.0400		102	77.3-114			
Surrogate: 4-Bromofluorobenzene	0.0391		"	0.0400		97.8	78.4-125			

**LCS Dup (0100108-BSD1)**

Prepared: 10/01/10 Analyzed: 10/02/10

Naphthalene	ND	0.0050	mg/kg				67.8-151		20	
Benzene	0.103	0.0050	"	0.100		103	61-139	13.0	11.1	
Toluene	0.0933	0.0050	"	0.100		93.3	64-132	13.0	10.9	
Ethylbenzene	0.0912	0.0050	"	0.100		91.2	68.7-135	15.0	20	
m,p-Xylene	0.170	0.010	"	0.200		85.2	70.4-129	15.0	20	
o-Xylene	0.0885	0.0050	"	0.100		88.5	66.9-126	14.3	20	
Surrogate: 1,2-Dichloroethane-d4	0.0371		"	0.0400		92.8	67.4-143			
Surrogate: Toluene-d8	0.0409		"	0.0400		102	77.3-114			
Surrogate: 4-Bromofluorobenzene	0.0386		"	0.0400		96.6	78.4-125			

Summit Scientific

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761.05  
Project Manager: Brian Dodek

**Reported:**  
10/02/10 17:24

**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 0100108 - EPA 5030 Soil MS**

Matrix Spike (0100108-MS1)				Source: R010007-03		Prepared: 10/01/10		Analyzed: 10/02/10		
Naphthalene	0.413	0.0050	mg/kg		0.459		26.4-144		20	
Benzene	0.0697	0.0050	"	0.100	0.00	69.7	42.9-137		17.9	
Toluene	0.0454	0.0050	"	0.100	0.00	45.4	42.6-130		11.9	
Ethylbenzene	0.107	0.0050	"	0.100	0.124	NR	39-133		20	
m,p-Xylene	1.68	0.010	"	0.200	11.5	NR	34.7-134		20	
o-Xylene	0.0424	0.0050	"	0.100	0.00	42.4	41.3-126		20	
Surrogate: 1,2-Dichloroethane-d4	0.0372		"	0.0400		92.9	67.4-143			
Surrogate: Toluene-d8	0.178		"	0.0400		446	77.3-114			
Surrogate: 4-Bromofluorobenzene	-0.423		"	0.0400			78.4-125			

Matrix Spike Dup (0100108-MSD1)				Source: R010007-03		Prepared: 10/01/10		Analyzed: 10/02/10		
Naphthalene	0.397	0.0050	mg/kg		0.459		26.4-144	3.89	20	
Benzene	0.0605	0.0050	"	0.100	0.00	60.5	42.9-137	14.1	17.9	
Toluene	0.0412	0.0050	"	0.100	0.00	41.2	42.6-130	9.64	11.9	
Ethylbenzene	0.109	0.0050	"	0.100	0.124	NR	39-133	2.39	20	
m,p-Xylene	1.44	0.010	"	0.200	11.5	NR	34.7-134	15.7	20	
o-Xylene	0.0429	0.0050	"	0.100	0.00	42.9	41.3-126	1.20	20	
Surrogate: 1,2-Dichloroethane-d4	0.0355		"	0.0400		88.6	67.4-143			
Surrogate: Toluene-d8	0.194		"	0.0400		486	77.3-114			
Surrogate: 4-Bromofluorobenzene	0.353		"	0.0400		884	78.4-125			

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 - Great Western Sugar #2  
Project Number: PDC 0761.05  
Project Manager: Brian Dodek

**Reported:**  
10/02/10 17:24

### Notes and Definitions

E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.

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

A handwritten signature in black ink, appearing to be 'JD' or similar, with a long horizontal stroke extending to the right.

*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 13, 2010

Brian Dodek

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: PDC - Great Western Sugar #2

Enclosed are the results of analyses for samples received by Summit Scientific on 10/08/10 17:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue 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 - Great Western Sugar #2

Project Number: PDC 0761.05  
Project Manager: Brian Dodek

**Reported:**  
10/13/10 08:36

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PDC 0761CS2	R010054-01	Soil	10/08/10 11:40	10/08/10 17:00

Summit Scientific  
2010054

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

Page 1 of 1

Client:	LT Environmental, Inc.		
Address:	4600 West 60th Avenue	Project Manager:	Brian Dotek
City/State/Zip:	Arvada, CO 80003	E-Mail:	bdotek@lenv.com
Phone:	(303) 433-9788	Fax:	(303) 433-1432
Project Name:	Grant Western Sugar #2		
Sample Number:	SK400	Project Number:	PC0761.05

Preservative			Matrix			Analyze For:					Special Instructions							
Date Sampled	Time Sampled	Number of Containers	HCl	HNO <sub>3</sub>	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)		DRO	GBTEX	BTEX	Table 9.10 Full	Table 9.10 Short	pH / EC	SAR
Sample Description																		
PC0761CS2	10/8	1140						X				X	X					X
Relinquished by:	Date/Time:		Received by:	Date/Time:		Turn Around Time (Check)	Notes:											
John K	10/8	1700	285	10/8	1700	Same Day	72 Hours											
Relinquished by:	Date/Time:		Received by:	Date/Time:		24 Hours	Standard											
						48 Hours												
Relinquished by:	Date/Time:		Received in Lab by:	Date/Time:		Sample Integrity:												
						Temperature Upon Receipt: 30												
						Intact: (Yes) No												

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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 - Great Western Sugar #2  
Project Number: PDC 0761.05  
Project Manager: Brian Dodek

**Reported:**  
10/13/10 08:36

**PDC 0761CS2**  
**R010054-01 (Soil)**

**Summit Scientific**

**Total Petroleum Hydrocarbons by 8015**

Date Sampled: 10/08/10 11:40

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	290	50	mg/kg	1	0101102	10/11/10	10/12/10	8015 DRO	

Date Sampled: 10/08/10 11:40

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		103 %	88.8-124		"	"	"	"	

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

Date Sampled: 10/08/10 11:40

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	0.0050	mg/kg	1	0101108	10/11/10	10/12/10	EPA 8260B	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
m,p-Xylene	ND	0.010	"	"	"	"	"	"	
o-Xylene	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	3.1	0.50	"	"	"	"	"	"	

Date Sampled: 10/08/10 11:40

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		99.2 %	67.4-143		"	"	"	"	
Surrogate: Toluene-d8		98.1 %	77.3-114		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	78.4-125		"	"	"	"	

Summit Scientific

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761.05  
Project Manager: Brian Dodek

**Reported:**  
10/13/10 08:36

**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 0101102 - EPA 5030 Soil GC**

**Blank (0101102-BLK1)**

Prepared & Analyzed: 10/11/10

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 12.5 " 12.5 100 88.8-124

**LCS (0101102-BS1)**

Prepared & Analyzed: 10/11/10

C10-C28 (DRO) 521 50 mg/kg 81.4-129 9.26

**LCS (0101102-BS2)**

Prepared & Analyzed: 10/11/10

C10-C28 (DRO) 492 50 mg/kg 501 98.3 81.4-129 9.26

**LCS Dup (0101102-BSD1)**

Prepared & Analyzed: 10/11/10

C10-C28 (DRO) ND 50 mg/kg 81.4-129 9.26

**LCS Dup (0101102-BSD2)**

Prepared & Analyzed: 10/11/10

C10-C28 (DRO) 497 50 mg/kg 501 99.3 81.4-129 0.987 9.26

**Matrix Spike (0101102-MS1)**

Source: R010039-01

Prepared & Analyzed: 10/11/10

C10-C28 (DRO) ND 50 mg/kg 41.8 77.8-133 8.48

**Matrix Spike (0101102-MS2)**

Source: R010039-01

Prepared: 10/11/10 Analyzed: 10/12/10

C10-C28 (DRO) 495 50 mg/kg 501 41.8 90.5 77.8-133 8.48

**Matrix Spike Dup (0101102-MSD1)**

Source: R010039-01

Prepared & Analyzed: 10/11/10

C10-C28 (DRO) ND 50 mg/kg 41.8 77.8-133 8.48

**Matrix Spike Dup (0101102-MSD2)**

Source: R010039-01

Prepared: 10/11/10 Analyzed: 10/12/10

C10-C28 (DRO) 504 50 mg/kg 501 41.8 92.2 77.8-133 1.75 8.48

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761.05  
Project Manager: Brian Dodek

**Reported:**  
10/13/10 08:36

**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 0101108 - EPA 5030 Soil MS**

**Blank (0101108-BLK1)**

Prepared: 10/11/10 Analyzed: 10/12/10

Naphthalene	ND	0.0050	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
m,p-Xylene	ND	0.010	"							
o-Xylene	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0400		"	0.0400		100	67.4-143			
Surrogate: Toluene-d8	0.0394		"	0.0400		98.6	77.3-114			
Surrogate: 4-Bromofluorobenzene	0.0419		"	0.0400		105	78.4-125			

**LCS (0101108-BS1)**

Prepared & Analyzed: 10/11/10

Naphthalene	ND	0.0050	mg/kg				67.8-151		20	
Benzene	0.112	0.0050	"	0.100		112	61-139		11.1	
Toluene	0.102	0.0050	"	0.100		102	64-132		10.9	
Ethylbenzene	0.101	0.0050	"	0.100		101	68.7-135		20	
m,p-Xylene	0.188	0.010	"	0.200		94.1	70.4-129		20	
o-Xylene	0.0962	0.0050	"	0.100		96.2	66.9-126		20	
Surrogate: 1,2-Dichloroethane-d4	0.0411		"	0.0400		103	67.4-143			
Surrogate: Toluene-d8	0.0404		"	0.0400		101	77.3-114			
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0400		98.4	78.4-125			

**LCS Dup (0101108-BSD1)**

Prepared & Analyzed: 10/11/10

Naphthalene	ND	0.0050	mg/kg				67.8-151		20	
Benzene	0.117	0.0050	"	0.100		117	61-139	3.72	11.1	
Toluene	0.106	0.0050	"	0.100		106	64-132	3.97	10.9	
Ethylbenzene	0.106	0.0050	"	0.100		106	68.7-135	3.97	20	
m,p-Xylene	0.194	0.010	"	0.200		97.2	70.4-129	3.23	20	
o-Xylene	0.101	0.0050	"	0.100		101	66.9-126	4.45	20	
Surrogate: 1,2-Dichloroethane-d4	0.0426		"	0.0400		106	67.4-143			
Surrogate: Toluene-d8	0.0411		"	0.0400		103	77.3-114			
Surrogate: 4-Bromofluorobenzene	0.0400		"	0.0400		100	78.4-125			

Summit Scientific

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761.05  
Project Manager: Brian Dodek

**Reported:**  
10/13/10 08:36

**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 0101108 - EPA 5030 Soil MS**

**Matrix Spike (0101108-MS1)**

**Source: R010057-02**

Prepared: 10/11/10 Analyzed: 10/12/10

Naphthalene	ND	0.0050	mg/kg		0.00753		26.4-144		20	
Benzene	0.112	0.0050	"	0.100	0.00	112	42.9-137		17.9	
Toluene	0.0986	0.0050	"	0.100	0.00	98.6	42.6-130		11.9	
Ethylbenzene	0.0921	0.0050	"	0.100	0.00	92.1	39-133		20	
m,p-Xylene	0.173	0.010	"	0.200	0.00	86.3	34.7-134		20	
o-Xylene	0.0944	0.0050	"	0.100	0.00	94.4	41.3-126		20	
Surrogate: 1,2-Dichloroethane-d4	0.0422		"	0.0400		105	67.4-143			
Surrogate: Toluene-d8	0.0411		"	0.0400		103	77.3-114			
Surrogate: 4-Bromofluorobenzene	0.0410		"	0.0400		103	78.4-125			

**Matrix Spike Dup (0101108-MSD1)**

**Source: R010057-02**

Prepared: 10/11/10 Analyzed: 10/12/10

Naphthalene	ND	0.0050	mg/kg		0.00753		26.4-144		20	
Benzene	0.108	0.0050	"	0.100	0.00	108	42.9-137	3.47	17.9	
Toluene	0.0958	0.0050	"	0.100	0.00	95.8	42.6-130	2.90	11.9	
Ethylbenzene	0.0896	0.0050	"	0.100	0.00	89.6	39-133	2.77	20	
m,p-Xylene	0.171	0.010	"	0.200	0.00	85.6	34.7-134	0.821	20	
o-Xylene	0.0934	0.0050	"	0.100	0.00	93.4	41.3-126	1.05	20	
Surrogate: 1,2-Dichloroethane-d4	0.0414		"	0.0400		104	67.4-143			
Surrogate: Toluene-d8	0.0411		"	0.0400		103	77.3-114			
Surrogate: 4-Bromofluorobenzene	0.0397		"	0.0400		99.3	78.4-125			

Summit Scientific

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

Project: PDC - Great Western Sugar #2

Project Number: PDC 0761.05  
Project Manager: Brian Dodek

**Reported:**  
10/13/10 08:36

### Notes and Definitions

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

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Summit Scientific

A handwritten signature in black ink, appearing to be 'JD' or similar, with a long horizontal stroke extending to the right.

*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 27, 2010

Brian Dodek

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: PDC - Great Western Sugar #2

Enclosed are the results of analyses for samples received by Summit Scientific on 10/21/10 17:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Logan Shrewsbury For Ben Shrewsbury  
President / Laboratory Director



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

Project: PDC - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: Brian Dodek

**Reported:**  
10/27/10 14:00

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01R	R010159-01	Water	10/21/10 13:15	10/21/10 17:00
MW02	R010159-02	Water	10/21/10 13:20	10/21/10 17:00
MW03	R010159-03	Water	10/21/10 13:25	10/21/10 17:00

Summit Scientific

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

Project: PDC - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: Brian Dodek

**Reported:**  
10/27/10 14:00

**MW01R**  
**R010159-01 (Water)**

**Summit Scientific**

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

Date Sampled: **10/21/10 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0102508	10/25/10	10/26/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **10/21/10 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		91.0 %	57.9-139		"	"	"	"	
Surrogate: Toluene-d8		96.6 %	83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	80.8-120		"	"	"	"	

Summit Scientific

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: Brian Dodek

**Reported:**  
10/27/10 14:00

**MW02**  
**R010159-02 (Water)**

**Summit Scientific**

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

Date Sampled: **10/21/10 13:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0102508	10/25/10	10/26/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **10/21/10 13:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		92.2 %		57.9-139		"	"	"	"	
Surrogate: Toluene-d8		99.2 %		83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %		80.8-120		"	"	"	"	

Summit Scientific

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: Brian Dodek

**Reported:**  
10/27/10 14:00

**MW03**  
**R010159-03 (Water)**

**Summit Scientific**

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

Date Sampled: **10/21/10 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	0102508	10/25/10	10/26/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **10/21/10 13:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		90.5 %	57.9-139		"	"	"	"	
Surrogate: Toluene-d8		99.7 %	83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	80.8-120		"	"	"	"	

Summit Scientific

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: Brian Dodek

Reported:  
10/27/10 14:00

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

### Summit Scientific

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

#### Batch 0102508 - EPA 5030 Water MS

##### Blank (0102508-BLK1)

Prepared: 10/25/10 Analyzed: 10/26/10

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	11.9		"	13.3		89.3	57.9-139			
Surrogate: Toluene-d8	13.1		"	13.3		98.0	83.1-115			
Surrogate: 4-Bromofluorobenzene	14.3		"	13.3		107	80.8-120			

##### LCS (0102508-BS1)

Prepared & Analyzed: 10/25/10

Benzene	32.9	1.0	ug/l	33.3		98.7	60.1-131		10.9	
Toluene	29.1	1.0	"	33.3		87.2	65.9-127		11.3	
Ethylbenzene	30.0	1.0	"	33.3		89.9	65.1-129		20	
m,p-Xylene	55.2	2.0	"	66.7		82.8	66.8-127		20	
o-Xylene	26.2	1.0	"	33.3		78.7	61.2-120		20	
Surrogate: 1,2-Dichloroethane-d4	12.6		"	13.3		94.5	57.9-139			
Surrogate: Toluene-d8	13.3		"	13.3		100	83.1-115			
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3		99.9	80.8-120			

##### LCS Dup (0102508-BSD1)

Prepared & Analyzed: 10/25/10

Benzene	33.0	1.0	ug/l	33.3		99.1	60.1-131	0.425	10.9	
Toluene	29.4	1.0	"	33.3		88.3	65.9-127	1.23	11.3	
Ethylbenzene	30.8	1.0	"	33.3		92.4	65.1-129	2.76	20	
m,p-Xylene	56.6	2.0	"	66.7		84.8	66.8-127	2.49	20	
o-Xylene	27.5	1.0	"	33.3		82.6	61.2-120	4.80	20	
Surrogate: 1,2-Dichloroethane-d4	12.4		"	13.3		92.9	57.9-139			
Surrogate: Toluene-d8	13.0		"	13.3		97.4	83.1-115			
Surrogate: 4-Bromofluorobenzene	13.1		"	13.3		98.0	80.8-120			

Summit Scientific

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

Project: PDC - Great Western Sugar #2  
Project Number: PDC 0761  
Project Manager: Brian Dodek

Reported:  
10/27/10 14:00

**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 0102508 - EPA 5030 Water MS**

Matrix Spike (0102508-MS1)				Source: R010159-01		Prepared: 10/25/10		Analyzed: 10/26/10		
Benzene	33.2	1.0	ug/l	33.3	ND	99.6	52.7-130		19.3	
Toluene	29.8	1.0	"	33.3	ND	89.3	57-127		18.7	
Ethylbenzene	30.4	1.0	"	33.3	ND	91.2	59.2-127		20	
m,p-Xylene	55.7	2.0	"	66.7	1.07	81.9	53.2-132		20	
o-Xylene	26.5	1.0	"	33.3	ND	79.5	56.3-117		20	
Surrogate: 1,2-Dichloroethane-d4	12.4		"	13.3		92.7	57.9-139			
Surrogate: Toluene-d8	13.2		"	13.3		99.2	83.1-115			
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3		99.9	80.8-120			
Matrix Spike Dup (0102508-MSD1)				Source: R010159-01		Prepared: 10/25/10		Analyzed: 10/26/10		
Benzene	33.7	1.0	ug/l	33.3	ND	101	52.7-130	1.49	19.3	
Toluene	29.9	1.0	"	33.3	ND	89.7	57-127	0.469	18.7	
Ethylbenzene	30.8	1.0	"	33.3	ND	92.3	59.2-127	1.21	20	
m,p-Xylene	56.9	2.0	"	66.7	1.07	83.7	53.2-132	2.19	20	
o-Xylene	27.6	1.0	"	33.3	ND	82.8	56.3-117	4.14	20	
Surrogate: 1,2-Dichloroethane-d4	12.5		"	13.3		93.8	57.9-139			
Surrogate: Toluene-d8	13.2		"	13.3		99.3	83.1-115			
Surrogate: 4-Bromofluorobenzene	13.5		"	13.3		101	80.8-120			

Summit Scientific

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

Project: PDC - Great Western Sugar #2

Project Number: PDC 0761  
Project Manager: Brian Dodek

**Reported:**  
10/27/10 14:00

### 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

A handwritten signature in black ink, appearing to be 'JD' or similar, with a long horizontal stroke extending to the right.

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