

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

September 23, 2010

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Dechant 1-31A

Enclosed are the results of analyses for samples received by Summit Scientific on 09/17/10 17:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Logan Shrewsbury For Ben Shrewsbury
President / Laboratory Director



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

Project: PDC - Dechant 1-31A

Project Number: PDC 09028
Project Manager: Brian Dodek

Reported:
09/23/10 15:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW04	R009161-01	Water	09/17/10 10:40	09/17/10 17:30
MW07	R009161-02	Water	09/17/10 10:45	09/17/10 17:30
MW09	R009161-03	Water	09/17/10 10:50	09/17/10 17:30
MW10	R009161-04	Water	09/17/10 10:55	09/17/10 17:30
MW11	R009161-05	Water	09/17/10 11:00	09/17/10 17:30
MW12	R009161-06	Water	09/17/10 11:05	09/17/10 17:30
MW13	R009161-07	Water	09/17/10 11:10	09/17/10 17:30
MW14	R009161-08	Water	09/17/10 11:15	09/17/10 17:30

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 - Dechant 1-31A

Project Number: PDC 09028
Project Manager: Brian Dodek

Reported:
09/23/10 15:04

Summit Scientific

741 Corporate Circle Suite 1 ♦ 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: J Regan

Project Manager: Brian Dodek

E-Mail: bdodek@ltenv.com

Project Name: Dechant 1-31A

Project Number: PDC09028

Page 1 of 1

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix			Analyze For:						Special Instructions		
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	DRO	GBTEX	BTEX	Table 9.10 Full	Table 9.10 Short		pH / EC	SAR
MW04	9/17	1040	3	X	X			X											
MW07	9/17	1045	3	X	X			X											
MW09	9/17	1050	3	X	X			X											
MW16	9/17	1055	3	X	X			X											
MW11	9/17	1100	3	X	X			X											
MW12	9/17	1105	3	X	X			X											
MW13	9/17	1110	3	X	X			X											
MW14	9/17	1115	3	X	X			X											
Relinquished by: [Signature]	Date/Time: 9/17			Received by: [Signature]	Date/Time: 9/17-10			Turn Around Time (Check):											
Relinquished by: [Signature]	Date/Time: 9/17			Received by: [Signature]	Date/Time: 9/17-10			Same Day	24 Hours	48 Hours	72 Hours	Standard							
Relinquished by: [Signature]	Date/Time: 9/17			Received in Lab by: [Signature]	Date/Time: 9/17-10														

www.eScientific.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.

[Signature]



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

Project: PDC - Dechant 1-31A
Project Number: PDC 09028
Project Manager: Brian Dodek

Reported:
09/23/10 15:04

MW04
R009161-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/17/10 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0092201	09/22/10	09/23/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	9.5	1.0	"	"	"	"	"	"	
Xylenes (total)	81	1.0	"	"	"	"	"	"	

Date Sampled: **09/17/10 10:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		101 %	57.9-139		"	"	"	"	
Surrogate: Toluene-d8		93.6 %	83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.0 %	80.8-120		"	"	"	"	

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 - Dechant 1-31A
Project Number: PDC 09028
Project Manager: Brian Dodek

Reported:
09/23/10 15:04

MW07
R009161-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/17/10 10:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0092201	09/22/10	09/22/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **09/17/10 10:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		101 %		57.9-139		"	"	"	"	
Surrogate: Toluene-d8		91.5 %		83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.8 %		80.8-120		"	"	"	"	

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 - Dechant 1-31A
Project Number: PDC 09028
Project Manager: Brian Dodek

Reported:
09/23/10 15:04

MW09
R009161-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/17/10 10:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	0092201	09/22/10	09/22/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/17/10 10:50**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		101 %	57.9-139		"	"	"	"	
Surrogate: Toluene-d8		90.8 %	83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.1 %	80.8-120		"	"	"	"	

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 - Dechant 1-31A

Project Number: PDC 09028
Project Manager: Brian Dodek

Reported:
09/23/10 15:04

MW10
R009161-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/17/10 10:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	55	1.0		ug/l	1	0092201	09/22/10	09/23/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	45	1.0		"	"	"	"	"	"	
Xylenes (total)	280	1.0		"	"	"	"	"	"	

Date Sampled: **09/17/10 10:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		102 %		57.9-139		"	"	"	"	
Surrogate: Toluene-d8		98.3 %		83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86.0 %		80.8-120		"	"	"	"	

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 - Dechant 1-31A
Project Number: PDC 09028
Project Manager: Brian Dodek

Reported:
09/23/10 15:04

MW11
R009161-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/17/10 11:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0092201	09/22/10	09/22/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **09/17/10 11:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		99.8 %		57.9-139		"	"	"	"	
Surrogate: Toluene-d8		91.4 %		83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.6 %		80.8-120		"	"	"	"	

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 - Dechant 1-31A
Project Number: PDC 09028
Project Manager: Brian Dodek

Reported:
09/23/10 15:04

MW12
R009161-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/17/10 11:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	0092201	09/22/10	09/22/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/17/10 11:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		101 %	57.9-139		"	"	"	"	
Surrogate: Toluene-d8		92.4 %	83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.5 %	80.8-120		"	"	"	"	

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 - Dechant 1-31A
Project Number: PDC 09028
Project Manager: Brian Dodek

Reported:
09/23/10 15:04

MW13
R009161-07 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/17/10 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	13	1.0		ug/l	1	0092201	09/22/10	09/23/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	160	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **09/17/10 11:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		102 %		57.9-139		"	"	"	"	
Surrogate: Toluene-d8		93.8 %		83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.7 %		80.8-120		"	"	"	"	

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 - Dechant 1-31A
Project Number: PDC 09028
Project Manager: Brian Dodek

Reported:
09/23/10 15:04

MW14
R009161-08 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/17/10 11:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	3.9	1.0		ug/l	1	0092201	09/22/10	09/22/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	180	1.0		"	"	"	"	"	"	
Xylenes (total)	25	1.0		"	"	"	"	"	"	

Date Sampled: **09/17/10 11:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		101 %		57.9-139		"	"	"	"	
Surrogate: Toluene-d8		95.4 %		83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89.5 %		80.8-120		"	"	"	"	

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 - Dechant 1-31A
Project Number: PDC 09028
Project Manager: Brian Dodek

Reported:
09/23/10 15:04

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 0092201 - EPA 5030 Water MS

Blank (0092201-BLK1)

Prepared & Analyzed: 09/22/10

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	13.5		"	13.3	101	57.9-139				
Surrogate: Toluene-d8	12.4		"	13.3	93.2	83.1-115				
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3	97.7	80.8-120				

LCS (0092201-BS1)

Prepared & Analyzed: 09/22/10

Benzene	28.2	1.0	ug/l	33.3	84.7	60.1-131		10.9		
Toluene	26.4	1.0	"	33.3	79.4	65.9-127		11.3		
Ethylbenzene	30.6	1.0	"	33.3	91.7	65.1-129		20		
m,p-Xylene	57.1	2.0	"	66.7	85.7	66.8-127		20		
o-Xylene	26.5	1.0	"	33.3	79.5	61.2-120		20		
Surrogate: 1,2-Dichloroethane-d4	14.0		"	13.3	105	57.9-139				
Surrogate: Toluene-d8	12.6		"	13.3	94.1	83.1-115				
Surrogate: 4-Bromofluorobenzene	12.8		"	13.3	95.8	80.8-120				

LCS Dup (0092201-BSD1)

Prepared & Analyzed: 09/22/10

Benzene	29.2	1.0	ug/l	33.3	87.6	60.1-131	3.41	10.9		
Toluene	27.1	1.0	"	33.3	81.3	65.9-127	2.39	11.3		
Ethylbenzene	32.4	1.0	"	33.3	97.3	65.1-129	6.00	20		
m,p-Xylene	60.9	2.0	"	66.7	91.4	66.8-127	6.44	20		
o-Xylene	28.3	1.0	"	33.3	85.0	61.2-120	6.68	20		
Surrogate: 1,2-Dichloroethane-d4	13.8		"	13.3	104	57.9-139				
Surrogate: Toluene-d8	12.4		"	13.3	93.1	83.1-115				
Surrogate: 4-Bromofluorobenzene	12.5		"	13.3	93.5	80.8-120				

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 - Dechant 1-31A
Project Number: PDC 09028
Project Manager: Brian Dodek

Reported:
09/23/10 15:04

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 0092201 - EPA 5030 Water MS

Matrix Spike (0092201-MS1)				Source: R009162-01		Prepared & Analyzed: 09/22/10				
Benzene	28.7	1.0	ug/l	33.3	ND	86.2	52.7-130		19.3	
Toluene	26.4	1.0	"	33.3	ND	79.3	57-127		18.7	
Ethylbenzene	31.8	1.0	"	33.3	ND	95.5	59.2-127		20	
m,p-Xylene	58.6	2.0	"	66.7	ND	87.9	53.2-132		20	
o-Xylene	27.0	1.0	"	33.3	ND	81.1	56.3-117		20	
Surrogate: 1,2-Dichloroethane-d4	14.0		"	13.3		105	57.9-139			
Surrogate: Toluene-d8	12.5		"	13.3		93.8	83.1-115			
Surrogate: 4-Bromofluorobenzene	12.6		"	13.3		94.1	80.8-120			
Matrix Spike Dup (0092201-MSD1)				Source: R009162-01		Prepared & Analyzed: 09/22/10				
Benzene	28.9	1.0	ug/l	33.3	ND	86.8	52.7-130	0.659	19.3	
Toluene	26.9	1.0	"	33.3	ND	80.6	57-127	1.65	18.7	
Ethylbenzene	32.7	1.0	"	33.3	ND	98.0	59.2-127	2.60	20	
m,p-Xylene	59.5	2.0	"	66.7	ND	89.2	53.2-132	1.47	20	
o-Xylene	28.2	1.0	"	33.3	ND	84.7	56.3-117	4.34	20	
Surrogate: 1,2-Dichloroethane-d4	14.1		"	13.3		106	57.9-139			
Surrogate: Toluene-d8	12.4		"	13.3		93.1	83.1-115			
Surrogate: 4-Bromofluorobenzene	12.5		"	13.3		93.7	80.8-120			

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 - Dechant 1-31A

Project Number: PDC 09028
Project Manager: Brian Dodek

Reported:
09/23/10 15:04

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.