

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

June 23, 2008

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

RE: PDC - Wiedeman 11, 12, 21-22-21

Enclosed are the results of analyses for samples received by Summit Scientific on 06/20/08 07:38. 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 - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
06/23/08 11:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B01@0.5-1'	R806116-01	Soil	06/19/08 14:55	06/20/08 07:38
B02@1-1.5'	R806116-02	Soil	06/19/08 14:37	06/20/08 07:38
B03@1-1.5'	R806116-03	Soil	06/19/08 14:40	06/20/08 07:38

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 - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
06/23/08 11:25

B01@0.5-1'
R806116-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/19/08 14:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	8062001	06/20/08	06/20/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	580	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **06/19/08 14:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		106 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		101 %	70-130		"	"	"	"	

Date Sampled: **06/19/08 14:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	580		"	"	[CALC]	"	"	EPA 8015	

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
 Project Manager: John Peterson

Reported:
 06/23/08 11:25

B02@1-1.5'
R806116-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/19/08 14:37**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	510	50	mg/kg	1	8062001	06/20/08	06/20/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	1700	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	86	50	"	"	"	"	"	"	

Date Sampled: **06/19/08 14:37**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		114 %	70-130		"	"	"	"	
<i>Surrogate: Trifluorotoluene</i>		102 %	70-130		"	"	"	"	

Date Sampled: **06/19/08 14:37**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	2300		"	"	[CALC]	"	"	EPA 8015	

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
 Project Manager: John Peterson

Reported:
 06/23/08 11:25

B03@1-1.5'
R806116-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/19/08 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	3500	50	mg/kg	1	8062001	06/20/08	06/20/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	1800	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **06/19/08 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		111 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		103 %	70-130		"	"	"	"	

Date Sampled: **06/19/08 14:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	5300		"	"	[CALC]	"	"	EPA 8015	

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
06/23/08 11:25

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 8062001 - EPA 3550A

Blank (8062001-BLK1)

Prepared & Analyzed: 06/20/08

C6-C10 (TEPH-GRO)	ND	50	mg/kg							
C10-C28 (TEPH-DRO)	ND	50	"							
C28-C36 (TEPH-ORO)	ND	50	"							
Surrogate: <i>o</i> -Terphenyl	51.7		"	50.0		103	70-130			
Surrogate: Trifluorotoluene	100		"	100		100	70-130			

LCS (8062001-BS1)

Prepared & Analyzed: 06/20/08

C10-C28 (TEPH-DRO)	578	50	mg/kg	500		116	65.3-142			
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LCS Dup (8062001-BSD1)

Prepared & Analyzed: 06/20/08

C10-C28 (TEPH-DRO)	565	50	mg/kg	500		113	65.3-142	2.27	19.7	
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Matrix Spike (8062001-MS1)

Source: R806115-01

Prepared & Analyzed: 06/20/08

C10-C28 (TEPH-DRO)	504	50	mg/kg	500	ND	101	55.2-139			
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Matrix Spike Dup (8062001-MSD1)

Source: R806115-01

Prepared & Analyzed: 06/20/08

C10-C28 (TEPH-DRO)	529	50	mg/kg	500	ND	106	55.2-139	4.84	16.7	
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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
06/23/08 11:25

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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June 26, 2008

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

RE: PDC - Wiedeman 11, 12, 21-22-21

Enclosed are the results of analyses for samples received by Summit Scientific on 06/26/08 07:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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Ben Shrewsbury
Vice President / Laboratory Director



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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
06/26/08 23:57

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W01@2'	R806150-01	Soil	06/25/08 16:00	06/26/08 07:30
B01@3'	R806150-02	Soil	06/25/08 16:05	06/26/08 07:30
S01@2'	R806150-03	Soil	06/25/08 16:08	06/26/08 07:30
N01@2'	R806150-04	Soil	06/25/08 16:12	06/26/08 07:30
S02@2'	R806150-05	Soil	06/25/08 16:15	06/26/08 07:30
E01@3'	R806150-06	Soil	06/25/08 16:20	06/26/08 07:30
N02@3'	R806150-07	Soil	06/25/08 16:23	06/26/08 07:30
B02@3'	R806150-08	Soil	06/25/08 16:27	06/26/08 07:30

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Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
 Project Manager: John Peterson

Reported:
 06/26/08 23:57

W01@2'
R806150-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/25/08 16:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	8062601	06/26/08	06/26/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **06/25/08 16:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	0.0		"	"	[CALC]	"	"	EPA 8015	

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Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
 Project Manager: John Peterson

Reported:
 06/26/08 23:57

B01@3'
R806150-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/25/08 16:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	8062601	06/26/08	06/26/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **06/25/08 16:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		108 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		113 %	70-130		"	"	"	"	

Date Sampled: **06/25/08 16:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	0.0		"	"	[CALC]	"	"	EPA 8015	

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Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
06/26/08 23:57

S01@2'
R806150-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/25/08 16:08**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	8062601	06/26/08	06/26/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **06/25/08 16:08**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		103 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		111 %	70-130		"	"	"	"	

Date Sampled: **06/25/08 16:08**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	0.0		"	"	[CALC]	"	"	EPA 8015	

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Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
06/26/08 23:57

N01@2'
R806150-04 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/25/08 16:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	8062601	06/26/08	06/26/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **06/25/08 16:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		102 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		110 %	70-130		"	"	"	"	

Date Sampled: **06/25/08 16:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	0.0		"	"	[CALC]	"	"	EPA 8015	

Summit Scientific

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LT Environmental, Inc.
 4600 West 60th Avenue
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Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
 Project Manager: John Peterson

Reported:
 06/26/08 23:57

S02@2'
R806150-05 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/25/08 16:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	2800	50	mg/kg	1	8062601	06/26/08	06/26/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	1600	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **06/25/08 16:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		109 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		112 %	70-130		"	"	"	"	

Date Sampled: **06/25/08 16:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	4400		"	"	[CALC]	"	"	EPA 8015	

Summit Scientific

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
 Project Manager: John Peterson

Reported:
 06/26/08 23:57

E01@3'
R806150-06 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/25/08 16:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	8062601	06/26/08	06/26/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **06/25/08 16:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		101 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		109 %	70-130		"	"	"	"	

Date Sampled: **06/25/08 16:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	0.0		"	"	[CALC]	"	"	EPA 8015	

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 4600 West 60th Avenue
 Arvada CO, 80003

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
 Project Manager: John Peterson

Reported:
 06/26/08 23:57

N02@3'
R806150-07 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/25/08 16:23**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	8062601	06/26/08	06/26/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **06/25/08 16:23**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		102 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		111 %	70-130		"	"	"	"	

Date Sampled: **06/25/08 16:23**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	0.0		"	"	[CALC]	"	"	EPA 8015	

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Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
 Project Manager: John Peterson

Reported:
 06/26/08 23:57

B02@3'
R806150-08 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/25/08 16:27**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	590	50	mg/kg	1	8062601	06/26/08	06/26/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	470	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **06/25/08 16:27**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		100 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		109 %	70-130		"	"	"	"	

Date Sampled: **06/25/08 16:27**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	1100		"	"	[CALC]	"	"	EPA 8015	

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Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
06/26/08 23:57

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

Summit Scientific

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

Batch 8062601 - EPA 3550A

Blank (8062601-BLK1)

Prepared & Analyzed: 06/26/08

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

Surrogate: *o*-Terphenyl

51.7 " 50.0 103 70-130

Surrogate: Trifluorotoluene

111 " 100 111 70-130

LCS (8062601-BS1)

Prepared & Analyzed: 06/26/08

C10-C28 (TEPH-DRO)	492	50	mg/kg	500		98.4	65.3-142			
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LCS Dup (8062601-BSD1)

Prepared & Analyzed: 06/26/08

C10-C28 (TEPH-DRO)	549	50	mg/kg	500		110	65.3-142	11.0	19.7	
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Matrix Spike (8062601-MS1)

Source: R806150-01

Prepared & Analyzed: 06/26/08

C10-C28 (TEPH-DRO)	508	50	mg/kg	500	ND	102	55.2-139			
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Matrix Spike Dup (8062601-MSD1)

Source: R806150-01

Prepared & Analyzed: 06/26/08

C10-C28 (TEPH-DRO)	514	50	mg/kg	500	ND	103	55.2-139	1.17	16.7	
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4600 West 60th Avenue
Arvada CO, 80003

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
06/26/08 23:57

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

Summit Scientific

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303.277.9310 - laboratory ♦ 303.277.9531 - fax

June 30, 2008

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

RE: PDC - Wiedeman 11, 12, 21-22-21

Enclosed are the results of analyses for samples received by Summit Scientific on 06/27/08 13:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be '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 - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
06/30/08 11:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S03@10'	R806158-01	Soil	06/27/08 11:22	06/27/08 13:10
E02@10'	R806158-02	Soil	06/27/08 11:28	06/27/08 13:10
B06@14'	R806158-03	Soil	06/27/08 11:25	06/27/08 13:10
N03@10'	R806158-04	Soil	06/27/08 11:18	06/27/08 13:10
W02@10'	R806158-05	Soil	06/27/08 11:15	06/27/08 13:10
GW01	R806158-06	Water	06/27/08 11:50	06/27/08 13:10

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 - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
06/30/08 11:29

S03@10'
R806158-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/27/08 11:22**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	8062701	06/27/08	06/27/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **06/27/08 11:22**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		111 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		118 %	70-130		"	"	"	"	

Date Sampled: **06/27/08 11:22**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	0.0		"	"	[CALC]	"	"	EPA 8015	

Summit Scientific

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
06/30/08 11:29

E02@10'
R806158-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/27/08 11:28**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	8062701	06/27/08	06/27/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **06/27/08 11:28**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		105 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		114 %	70-130		"	"	"	"	

Date Sampled: **06/27/08 11:28**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	0.0		"	"	[CALC]	"	"	EPA 8015	

Summit Scientific

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
 Project Manager: John Peterson

Reported:
 06/30/08 11:29

B06@14'
R806158-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/27/08 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	280	50	mg/kg	1	8062701	06/27/08	06/27/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	270	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **06/27/08 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		105 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		109 %	70-130		"	"	"	"	

Date Sampled: **06/27/08 11:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	550		"	"	[CALC]	"	"	EPA 8015	

Summit Scientific

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
06/30/08 11:29

N03@10'
R806158-04 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/27/08 11:18**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	6000	50	mg/kg	1	8062701	06/27/08	06/27/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	2200	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **06/27/08 11:18**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		102 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		110 %	70-130		"	"	"	"	

Date Sampled: **06/27/08 11:18**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	8200		"	"	[CALC]	"	"	EPA 8015	

Summit Scientific

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
06/30/08 11:29

W02@10'
R806158-05 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/27/08 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	13000	50	mg/kg	1	8062701	06/27/08	06/27/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	4600	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **06/27/08 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		122 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		120 %	70-130		"	"	"	"	

Date Sampled: **06/27/08 11:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	18000		"	"	[CALC]	"	"	EPA 8015	

Summit Scientific

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
 Project Manager: John Peterson

Reported:
 06/30/08 11:29

GW01

R806158-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/27/08 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	8400	100	ug/l	100	8062603	06/27/08	06/27/08	EPA 8260B	
Toluene	20000	100	"	"	"	"	"	"	
Ethylbenzene	270	10	"	10	"	"	06/27/08	"	
Xylenes (total)	7000	10	"	"	"	"	"	"	

Date Sampled: **06/27/08 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		1180 %	80-120		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		1020 %	92.1-106		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		962 %	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 - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
06/30/08 11:29

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

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

Batch 8062603 - EPA 5030 Water MS

Blank (8062603-BLK1)

Prepared: 06/26/08 Analyzed: 06/27/08

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	1.0	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>13.9</i>		<i>"</i>	<i>13.3</i>		<i>105</i>	<i>80-120</i>				
<i>Surrogate: Toluene-d8</i>	<i>14.2</i>		<i>"</i>	<i>13.3</i>		<i>107</i>	<i>92.1-106</i>				
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>14.7</i>		<i>"</i>	<i>13.3</i>		<i>111</i>	<i>84.5-110</i>				

LCS (8062603-BS1)

Prepared: 06/26/08 Analyzed: 06/27/08

Benzene	41.0	1.0	ug/l	33.3		123	61.4-110				
Toluene	39.8	1.0	"	33.3		120	54.2-116				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>19.1</i>		<i>"</i>	<i>13.3</i>		<i>144</i>	<i>80-120</i>				
<i>Surrogate: Toluene-d8</i>	<i>14.0</i>		<i>"</i>	<i>13.3</i>		<i>105</i>	<i>92.1-106</i>				
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>14.6</i>		<i>"</i>	<i>13.3</i>		<i>110</i>	<i>84.5-110</i>				

LCS Dup (8062603-BSD1)

Prepared: 06/26/08 Analyzed: 06/27/08

Benzene	41.2	1.0	ug/l	33.3		124	61.4-110	0.487	11.8		
Toluene	39.3	1.0	"	33.3		118	54.2-116	1.26	12.2		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>18.8</i>		<i>"</i>	<i>13.3</i>		<i>141</i>	<i>80-120</i>				
<i>Surrogate: Toluene-d8</i>	<i>13.8</i>		<i>"</i>	<i>13.3</i>		<i>104</i>	<i>92.1-106</i>				
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>15.0</i>		<i>"</i>	<i>13.3</i>		<i>113</i>	<i>84.5-110</i>				

Matrix Spike (8062603-MS1)

Source: R806120-02

Prepared: 06/26/08 Analyzed: 06/27/08

Benzene	40.1	1.0	ug/l	33.3	ND	120	61.5-109				
Toluene	39.4	1.0	"	33.3	ND	118	55.6-113				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>21.7</i>		<i>"</i>	<i>13.3</i>		<i>163</i>	<i>80-120</i>				
<i>Surrogate: Toluene-d8</i>	<i>14.2</i>		<i>"</i>	<i>13.3</i>		<i>107</i>	<i>92.1-106</i>				
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>15.2</i>		<i>"</i>	<i>13.3</i>		<i>114</i>	<i>84.5-110</i>				

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
 Project Manager: John Peterson

Reported:
 06/30/08 11:29

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 8062603 - EPA 5030 Water MS

Matrix Spike Dup (8062603-MSD1)	Source: R806120-02			Prepared: 06/26/08		Analyzed: 06/27/08				
Benzene	40.6	1.0	ug/l	33.3	ND	122	61.5-109	1.24	21.7	
Toluene	39.6	1.0	"	33.3	ND	119	55.6-113	0.506	9.18	
Surrogate: 1,2-Dichloroethane-d4	19.3		"	13.3		145	80-120			
Surrogate: Toluene-d8	14.1		"	13.3		106	92.1-106			
Surrogate: 4-Bromofluorobenzene	15.0		"	13.3		113	84.5-110			

Summit Scientific

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
06/30/08 11:29

Notes and Definitions

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

Summit Scientific

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Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

July 01, 2008

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

RE: PDC - Wiedeman 11, 12, 21-22-21

Enclosed are the results of analyses for samples received by Summit Scientific on 06/30/08 16:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be '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 - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
07/01/08 14:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W03@10'	R806171-01	Soil	06/30/08 12:45	06/30/08 16:45
N04@10'	R806171-02	Soil	06/30/08 12:55	06/30/08 16:45

Summit Scientific

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

Project: PDC - Wiedeman 11, 12, 21, 22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
07/01/08 14:30

Summit Scientific ^{S₂} 2806171

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

Page / of /

Client: LT Environmental, Inc. Project Manager: John Peterson
Address: 4600 West 60th Avenue E-Mail: jpeterson@ltenv.com
City/State/Zip: Arvada, CO 80003 Project Name: *Wiedeman 11, 12, 21, 22-21*
Phone: (303) 433-9788 Fax: (303) 433-1432 Project Number: *PDC08136*
Sampler Name: *M Harrison*

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For:	Special Instructions	Notes:	
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)				Total Carbon Chain
<i>W03910</i>	<i>6-30-08</i>	<i>1245</i>	<i>1</i>		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>						
<i>N04910</i>	<i>J</i>	<i>1255</i>	<i>1</i>		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>						
<i>M. Harrison</i>															
Elinquished by:	Date/Time:	Received by:		Date/Time:	Turn Around Time (Check)		72 Hours		Standard		Notes:				
<i>WPAW</i>	<i>6-30-08</i>	<i>1245</i>	<i>1245</i>	<i>1245</i>	<i>6-30-08</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Elinquished by:	Date/Time:	Received by:		Date/Time:	Sample Integrity:		Temperature Upon Receipt:		Intact: Yes/No						
						<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
 Project Manager: John Peterson

Reported:
 07/01/08 14:30

W03@10'
R806171-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/30/08 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	8063005	06/30/08	06/30/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **06/30/08 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		94.8 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		102 %	70-130		"	"	"	"	

Date Sampled: **06/30/08 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	0.0		"	"	[CALC]	"	"	EPA 8015	

Summit Scientific

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
 Project Manager: John Peterson

Reported:
 07/01/08 14:30

N04@10'
R806171-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/30/08 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C10 (TEPH-GRO)	ND	50	mg/kg	1	8063005	06/30/08	06/30/08	8015 Full Carbon Chain	
C10-C28 (TEPH-DRO)	ND	50	"	"	"	"	"	"	
C28-C36 (TEPH-ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **06/30/08 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		99.2 %	70-130		"	"	"	"	
Surrogate: Trifluorotoluene		103 %	70-130		"	"	"	"	

Date Sampled: **06/30/08 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C6-C36 Total TEPH	0.0		"	"	[CALC]	"	"	EPA 8015	

Summit Scientific

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
07/01/08 14:30

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

Summit Scientific

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

Batch 8063005 - EPA 3550A

Blank (8063005-BLK1)

Prepared: 06/30/08 Analyzed: 07/01/08

C6-C10 (TEPH-GRO)	ND	50	mg/kg							
C10-C28 (TEPH-DRO)	ND	50	"							
C28-C36 (TEPH-ORO)	ND	50	"							
Surrogate: o-Terphenyl	49.6		"	50.0		99.2	70-130			
Surrogate: Trifluorotoluene	105		"	100		105	70-130			

Blank (8063005-BLK2)

Prepared: 06/30/08 Analyzed: 07/01/08

C6-C10 (TEPH-GRO)	ND	50	mg/kg							
C10-C28 (TEPH-DRO)	ND	50	"							
C28-C36 (TEPH-ORO)	ND	50	"							
Surrogate: o-Terphenyl	51.1		"	50.0		102	70-130			
Surrogate: Trifluorotoluene	105		"	100		105	70-130			

LCS (8063005-BS1)

Prepared: 06/30/08 Analyzed: 07/01/08

C10-C28 (TEPH-DRO)	555	50	mg/kg	500		111	65.3-142			
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LCS (8063005-BS2)

Prepared: 06/30/08 Analyzed: 07/01/08

C10-C28 (TEPH-DRO)	556	50	mg/kg	500		111	65.3-142			
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LCS Dup (8063005-BSD1)

Prepared: 06/30/08 Analyzed: 07/01/08

C10-C28 (TEPH-DRO)	577	50	mg/kg	500		115	65.3-142	3.89	19.7	
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LCS Dup (8063005-BSD2)

Prepared: 06/30/08 Analyzed: 07/01/08

C10-C28 (TEPH-DRO)	545	50	mg/kg	500		109	65.3-142	2.00	19.7	
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Matrix Spike (8063005-MS1)

Source: R806173-01

Prepared: 06/30/08 Analyzed: 07/01/08

C10-C28 (TEPH-DRO)	786	50	mg/kg	500	320	93.2	55.2-139			
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Summit Scientific

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
 Project Manager: John Peterson

Reported:
 07/01/08 14:30

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 8063005 - EPA 3550A

Matrix Spike (8063005-MS2)		Source: R806173-01			Prepared: 06/30/08		Analyzed: 07/01/08			
C10-C28 (TEPH-DRO)	934	50	mg/kg	500	320	123	55.2-139			
Matrix Spike Dup (8063005-MSD1)		Source: R806173-01			Prepared: 06/30/08		Analyzed: 07/01/08			
C10-C28 (TEPH-DRO)	820	50	mg/kg	500	320	100	55.2-139	4.23	16.7	
Matrix Spike Dup (8063005-MSD2)		Source: R806173-01			Prepared: 06/30/08		Analyzed: 07/01/08			
C10-C28 (TEPH-DRO)	854	50	mg/kg	500	320	107	55.2-139	8.95	16.7	

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
07/01/08 14:30

Notes and Definitions

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

Summit Scientific

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Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

August 06, 2008

John Peterson

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: PDC - Wiedeman 11, 12, 21-22-21

Enclosed are the results of analyses for samples received by Summit Scientific on 07/31/08 11:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Paul Shrewsbury For Ben Shrewsbury

Vice President / Laboratory Director

S₂

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
08/06/08 11:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R807191-01	Water	07/30/08 15:05	07/31/08 11:00
MW02	R807191-02	Water	07/30/08 15:10	07/31/08 11:00
MW03	R807191-03	Water	07/30/08 15:15	07/31/08 11:00
MW04	R807191-04	Water	07/30/08 15:20	07/31/08 11:00

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
08/06/08 11:34

MW01
R807191-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 07/30/08 15:05

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	8080503	08/05/08	08/06/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 07/30/08 15:05

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		101 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		90.2 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86.5 %	84.5-110		"	"	"	"	

Summit Scientific



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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
08/06/08 11:34

MW02
R807191-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 07/30/08 15:10

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	8080503	08/05/08	08/06/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 07/30/08 15:10

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		101 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		90.2 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		85.0 %	84.5-110		"	"	"	"	

Summit Scientific



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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
08/06/08 11:34

MW03
R807191-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 07/30/08 15:15

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	8080503	08/05/08	08/06/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 07/30/08 15:15

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		101 %	80-120		"	"	"	"	
Surrogate: Toluene-d8		90.2 %	92.1-106		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		84.2 %	84.5-110		"	"	"	"	

Summit Scientific



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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
08/06/08 11:34

MW04
R807191-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 07/30/08 15:20

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	8080503	08/05/08	08/06/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 07/30/08 15:20

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	80-120		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		93.2 %	92.1-106		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		85.0 %	84.5-110		"	"	"	"	

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
08/06/08 11:34

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

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

Batch 8080503 - EPA 5030 Water MS

Blank (8080503-BLK1)

Prepared & Analyzed: 08/05/08

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	13.2		"	13.3		99.2	80-120			
Surrogate: Toluene-d8	13.0		"	13.3		97.7	92.1-106			
Surrogate: 4-Bromofluorobenzene	11.6		"	13.3		87.2	84.5-110			

LCS (8080503-BS1)

Prepared & Analyzed: 08/05/08

Benzene	24.5	1.0	ug/l	33.3		73.6	61.4-110			
Toluene	26.6	1.0	"	33.3		79.9	54.2-116			
Surrogate: 1,2-Dichloroethane-d4	12.9		"	13.3		97.0	80-120			
Surrogate: Toluene-d8	12.5		"	13.3		94.0	92.1-106			
Surrogate: 4-Bromofluorobenzene	11.8		"	13.3		88.7	84.5-110			

LCS Dup (8080503-BSD1)

Prepared & Analyzed: 08/05/08

Benzene	27.9	1.0	ug/l	33.3		83.8	61.4-110	13.0	11.8	
Toluene	28.0	1.0	"	33.3		84.1	54.2-116	5.13	12.2	
Surrogate: 1,2-Dichloroethane-d4	13.2		"	13.3		99.2	80-120			
Surrogate: Toluene-d8	12.5		"	13.3		94.0	92.1-106			
Surrogate: 4-Bromofluorobenzene	11.7		"	13.3		88.0	84.5-110			

Matrix Spike (8080503-MS1)

Source: R807188-01

Prepared & Analyzed: 08/05/08

Benzene	21.4	1.0	ug/l	33.3	ND	64.3	61.5-109			
Toluene	21.6	1.0	"	33.3	ND	64.9	55.6-113			
Surrogate: 1,2-Dichloroethane-d4	16.6		"	13.3		125	80-120			
Surrogate: Toluene-d8	12.2		"	13.3		91.7	92.1-106			
Surrogate: 4-Bromofluorobenzene	12.2		"	13.3		91.7	84.5-110			

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

Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
08/06/08 11:34

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

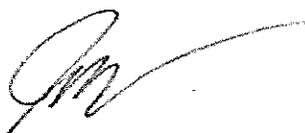
Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch 8080503 - EPA 5030 Water MS

Matrix Spike Dup (8080503-MSD1)	Source: R807188-01			Prepared & Analyzed: 08/05/08						
Benzene	25.2	1.0	ug/l	33.3	ND	75.7	61.5-109	16.3	21.7	
Toluene	25.3	1.0	"	33.3	ND	76.0	55.6-113	15.8	9.18	
Surrogate: 1,2-Dichloroethane-d4	13.5		"	13.3		102	80-120			
Surrogate: Toluene-d8	12.2		"	13.3		91.7	92.1-106			
Surrogate: 4-Bromofluorobenzene	11.9		"	13.3		89.5	84.5-110			

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Project: PDC - Wiedeman 11, 12, 21-22-21

Project Number: PDC 08136
Project Manager: John Peterson

Reported:
08/06/08 11:34

Notes and Definitions

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

Summit Scientific

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