

TABLE 1
GROUNDWATER SAMPLE ANALYTICAL DATA
HAHN 24-27
WELD COUNTY, COLORADO
PETROLEUM DEVELOPMENT CORPORATION

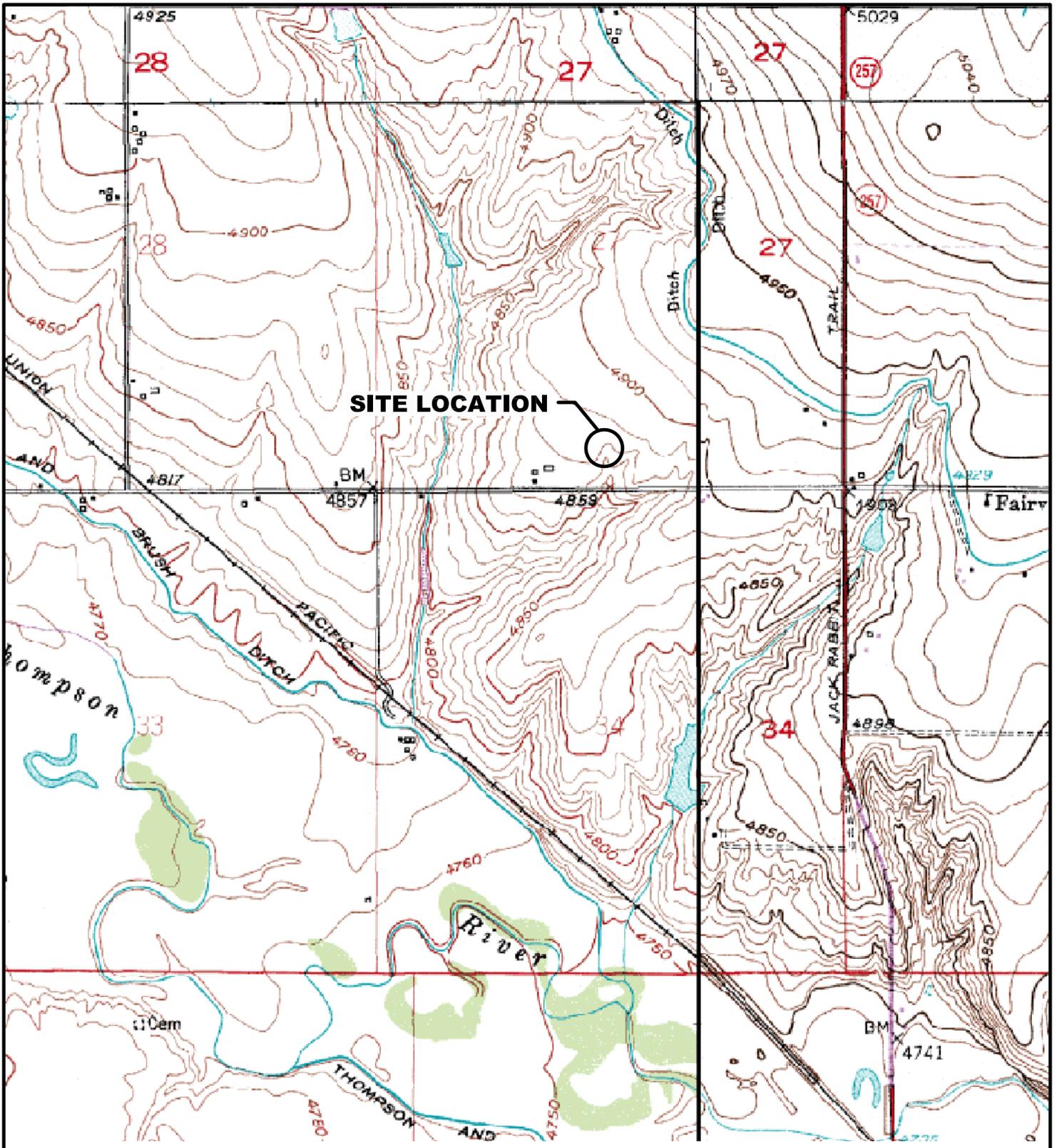
SAMPLE ID	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYLBENZENE (µg/L)	XYLENES (µg/L)
MW01	10/31/2007	< 0.4	< 0.4	1.2	0.12
MW02	10/31/2007	1.8	< 0.4	1.2	0.5
MW03	10/31/2007	< 0.4	< 0.4	0.8	< 0.4
MW03	11/5/2008	3.1	< 1.0	1.6	740
MW03	2/16/2009	< 1.0	< 1.0	< 1.0	< 1.0
MW04	10/31/2007	< 0.4	< 0.4	< 0.4	< 0.4
MW04	11/5/2008	< 1.0	< 1.0	< 1.0	< 1.0
MW05	10/31/2007	< 0.4	< 0.4	< 0.4	< 0.4
MW05	11/5/2008	< 1.0	< 1.0	< 1.0	< 1.0
MW05	2/16/2009	< 1.0	< 1.0	< 1.0	< 1.0
The Basic Standards for Groundwater		5	560	700	1,400

µg/L - Micrograms per liter

< - Less than stated laboratory reporting limits

Results noted in bold exceed Colorado Department of Public Health and Environment (CDPHE)-Water Quality Control Commission (WQCC) Regulation 41-The Basic Standards for Groundwater





LEGEND

○ SITE LOCATION

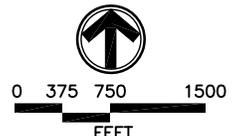
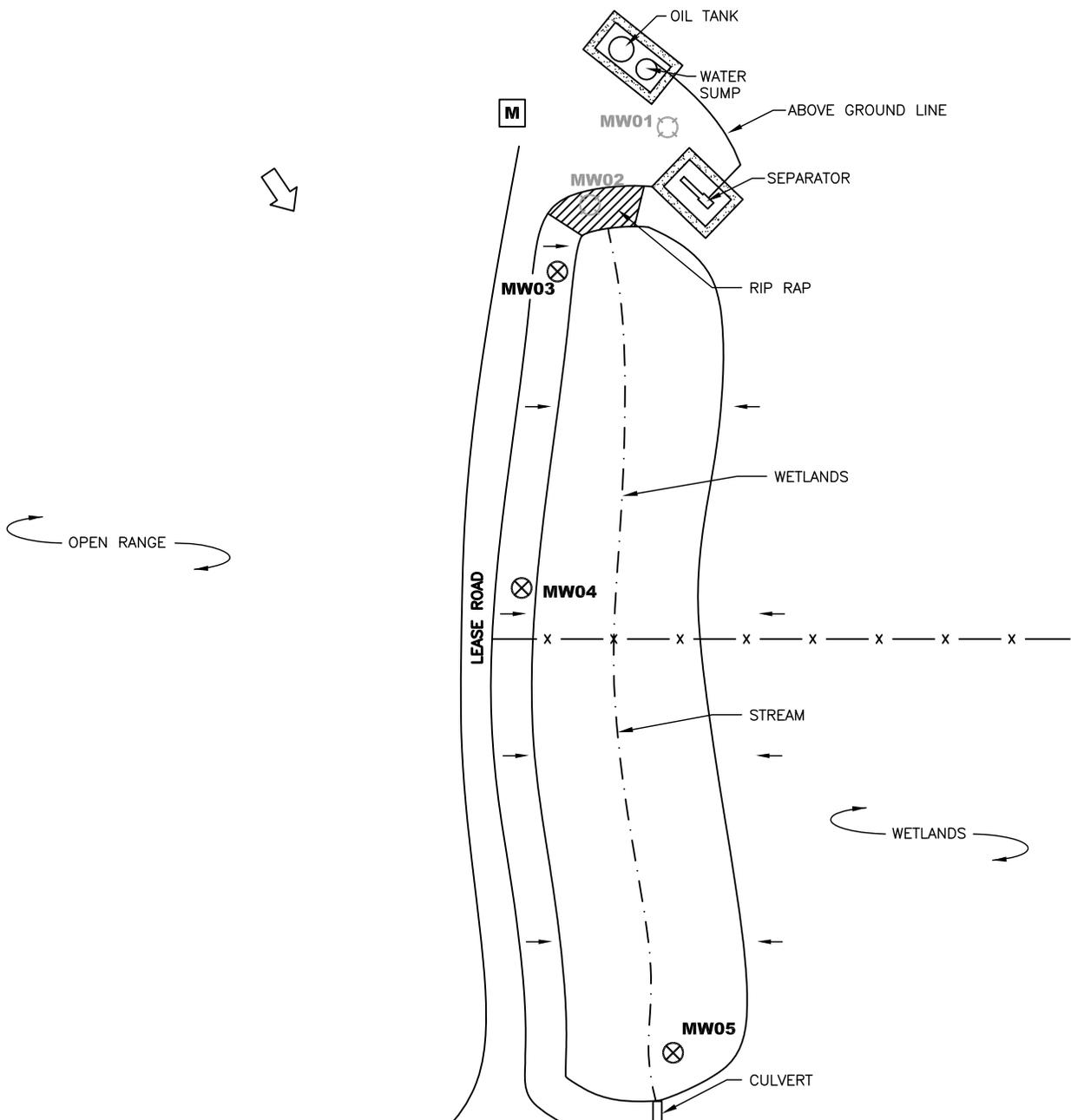


FIGURE 1
 SITE LOCATION MAP
 HAHN 24-27
 SESW 27-T5N-R67W
 WELD COUNTY, CO
 PETROLEUM DEVELOPMENT CORPORATION



SOURCE: TOPOZONE.COM
 USGS 7.5' QUADRANGLE
 (NAD27)



WELD COUNTY ROAD 52

LEGEND

- MW03 ⊗ MONITORING WELL LOCATION
- MW01 ⊙ DESTROYED MONITORING WELL LOCATION
- M METER HOUSE
- ▨ BERM
- x — FENCE
- ← SLOPE DIRECTION
- ➔ ESTIMATED GROUNDWATER FLOW DIRECTION

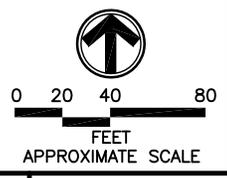


FIGURE 2
SITE MAP
HAHN 24-27
SESW 27-T5N-R67W
WELD COUNTY, CO
PETROLEUM DEVELOPMENT CORPORATION



Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

November 11, 2008

John Peterson
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Hahn 23 & 24-27

Enclosed are the results of analyses for samples received by Summit Scientific on 11/05/08 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Paul Shrewsbury For Ben Shrewsbury
Vice President / Laboratory Director



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

Project: PDC - Hahn 23 & 24-27

Project Number: PDC 08096
Project Manager: John Peterson

Reported:
11/11/08 12:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW05	R811022-01	Water	11/05/08 11:50	11/05/08 16:30
MW04	R811022-02	Water	11/05/08 12:10	11/05/08 16:30
MW03	R811022-03	Water	11/05/08 12:30	11/05/08 16:30

Summit Scientific

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

Project: PDC - Hahn 23 & 24-27

Project Number: PDC 08096
 Project Manager: John Peterson

Reported:
 11/11/08 12:32

MW05
R811022-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 11/05/08 11:50

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	8110707	11/07/08	11/09/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 11/05/08 11:50

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		101 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		102 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	85.3-109		"	"	"	"	

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

Project: PDC - Hahn 23 & 24-27

Project Number: PDC 08096
 Project Manager: John Peterson

Reported:
 11/11/08 12:32

MW04
R811022-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 11/05/08 12:10

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	8110707	11/07/08	11/09/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 11/05/08 12:10

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %	77.3-121		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		103 %	91.4-107		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		108 %	85.3-109		"	"	"	"	

Summit Scientific

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

Project: PDC - Hahn 23 & 24-27

Project Number: PDC 08096
 Project Manager: John Peterson

Reported:
 11/11/08 12:32

MW03
R811022-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 11/05/08 12:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	3.1	1.0	ug/l	1	8110707	11/07/08	11/09/08	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	1.6	1.0	"	"	"	"	"	"	
Xylenes (total)	740	1.0	"	"	"	"	"	"	

Date Sampled: 11/05/08 12:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	77.3-121		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		104 %	91.4-107		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		105 %	85.3-109		"	"	"	"	

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

Project: PDC - Hahn 23 & 24-27

Project Number: PDC 08096
Project Manager: John Peterson

Reported:
11/11/08 12:32

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch 8110707 - EPA 5030 Water MS

Blank (8110707-BLK1)

Prepared: 11/07/08 Analyzed: 11/09/08

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	1.0	"								
Surrogate: 1,2-Dichloroethane-d4	13.9		"	13.3	105	77.3-121					
Surrogate: Toluene-d8	13.6		"	13.3	102	91.4-107					
Surrogate: 4-Bromofluorobenzene	14.5		"	13.3	109	85.3-109					

LCS (8110707-BS1)

Prepared: 11/07/08 Analyzed: 11/09/08

Benzene	31.2	1.0	ug/l	33.3	93.7	70-114					
Toluene	31.4	1.0	"	33.3	94.3	72.7-116					
Surrogate: 1,2-Dichloroethane-d4	13.9		"	13.3	105	77.3-121					
Surrogate: Toluene-d8	14.0		"	13.3	105	91.4-107					
Surrogate: 4-Bromofluorobenzene	14.4		"	13.3	108	85.3-109					

LCS Dup (8110707-BSD1)

Prepared: 11/07/08 Analyzed: 11/09/08

Benzene	31.2	1.0	ug/l	33.3	93.7	70-114	0.00	8.14			
Toluene	31.6	1.0	"	33.3	94.9	72.7-116	0.635	7.88			
Surrogate: 1,2-Dichloroethane-d4	13.8		"	13.3	104	77.3-121					
Surrogate: Toluene-d8	13.9		"	13.3	105	91.4-107					
Surrogate: 4-Bromofluorobenzene	14.4		"	13.3	108	85.3-109					

Matrix Spike (8110707-MS1)

Source: R810178-04

Prepared: 11/07/08 Analyzed: 11/09/08

Benzene	33.1	1.0	ug/l	33.3	ND	99.4	66.8-117				
Toluene	33.5	1.0	"	33.3	ND	101	71.5-117				
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	14.5		"	13.3	109	85.3-109					

Summit Scientific

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

Project: PDC - Hahn 23 & 24-27

Project Number: PDC 08096
 Project Manager: John Peterson

Reported:
 11/11/08 12:32

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 8110707 - EPA 5030 Water MS

Matrix Spike Dup (8110707-MSD1)	Source: R810178-04			Prepared: 11/07/08		Analyzed: 11/09/08				
Benzene	32.7	1.0	ug/l	33.3	ND	98.2	66.8-117	1.22	17.8	
Toluene	32.8	1.0	"	33.3	ND	98.5	71.5-117	2.11	14.4	
Surrogate: 1,2-Dichloroethane-d4	16.8		"	13.3		126	77.3-121			S-02
Surrogate: Toluene-d8	14.0		"	13.3		105	91.4-107			
Surrogate: 4-Bromofluorobenzene	14.7		"	13.3		111	85.3-109			S-02

Summit Scientific

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

Project: PDC - Hahn 23 & 24-27

Project Number: PDC 08096
Project Manager: John Peterson

Reported:
11/11/08 12:32

Notes and Definitions

S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

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

February 26, 2009

John Peterson
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Hahn 24-27

Enclosed are the results of analyses for samples received by Summit Scientific on 02/16/09 16:47. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Logan Shrewsbury For Ben Shrewsbury
Vice President / Laboratory Director



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

Project: PDC - Hahn 24-27

Project Number: PDC 08089
Project Manager: John Peterson

Reported:
02/26/09 12:50

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW03	R902086-01	Water	02/16/09 13:10	02/16/09 16:47
MW05	R902086-02	Water	02/16/09 13:30	02/16/09 16:47

Summit Scientific

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

Project: PDC - Hahn 24-27

Project Number: PDC 08089
 Project Manager: John Peterson

Reported:
 02/26/09 12:50

MW03
R902086-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/16/09 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9022301	02/23/09	02/25/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **02/16/09 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		91.0 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		97.0 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.0 %	85.3-109		"	"	"	"	

Summit Scientific

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

Project: PDC - Hahn 24-27

Project Number: PDC 08089
 Project Manager: John Peterson

Reported:
 02/26/09 12:50

MW05
R902086-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/16/09 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	9022301	02/23/09	02/25/09	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **02/16/09 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.7 %	77.3-121		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		96.2 %	91.4-107		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.7 %	85.3-109		"	"	"	"	

Summit Scientific

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

Project: PDC - Hahn 24-27

Project Number: PDC 08089
Project Manager: John Peterson

Reported:
02/26/09 12:50

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch 9022301 - EPA 5030 Water MS

Blank (9022301-BLK1)

Prepared: 02/23/09 Analyzed: 02/24/09

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	1.0	"								
Surrogate: 1,2-Dichloroethane-d4	11.6		"	13.3		87.2	77.3-121				
Surrogate: Toluene-d8	12.9		"	13.3		97.0	91.4-107				
Surrogate: 4-Bromofluorobenzene	12.1		"	13.3		91.0	85.3-109				

LCS (9022301-BS1)

Prepared: 02/23/09 Analyzed: 02/24/09

Benzene	23.9	1.0	ug/l	33.3		71.8	70-114				
Toluene	25.4	1.0	"	33.3		76.3	72.7-116				
Surrogate: 1,2-Dichloroethane-d4	11.6		"	13.3		87.2	77.3-121				
Surrogate: Toluene-d8	12.8		"	13.3		96.2	91.4-107				
Surrogate: 4-Bromofluorobenzene	12.0		"	13.3		90.2	85.3-109				

LCS Dup (9022301-BSD1)

Prepared: 02/23/09 Analyzed: 02/24/09

Benzene	21.6	1.0	ug/l	33.3		64.9	70-114	10.1	8.14		
Toluene	23.0	1.0	"	33.3		69.1	72.7-116	9.92	7.88		
Surrogate: 1,2-Dichloroethane-d4	11.9		"	13.3		89.5	77.3-121				
Surrogate: Toluene-d8	12.7		"	13.3		95.5	91.4-107				
Surrogate: 4-Bromofluorobenzene	11.9		"	13.3		89.5	85.3-109				

Matrix Spike (9022301-MS1)

Source: R902085-01

Prepared: 02/23/09 Analyzed: 02/24/09

Benzene	25.3	1.0	ug/l	33.3	ND	76.0	66.8-117				
Toluene	27.6	1.0	"	33.3	ND	82.9	71.5-117				
Surrogate: 1,2-Dichloroethane-d4	12.0		"	13.3		90.2	77.3-121				
Surrogate: Toluene-d8	12.9		"	13.3		97.0	91.4-107				
Surrogate: 4-Bromofluorobenzene	12.0		"	13.3		90.2	85.3-109				

Summit Scientific

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

Project: PDC - Hahn 24-27

Project Number: PDC 08089
 Project Manager: John Peterson

Reported:
 02/26/09 12:50

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 9022301 - EPA 5030 Water MS

Matrix Spike Dup (9022301-MSD1)	Source: R902085-01			Prepared: 02/23/09	Analyzed: 02/24/09					
Benzene	24.0	1.0	ug/l	33.3	ND	72.1	66.8-117	5.27	17.8	
Toluene	25.8	1.0	"	33.3	ND	77.5	71.5-117	6.74	14.4	
Surrogate: 1,2-Dichloroethane-d4	13.9		"	13.3		105	77.3-121			
Surrogate: Toluene-d8	12.8		"	13.3		96.2	91.4-107			
Surrogate: 4-Bromofluorobenzene	12.4		"	13.3		93.2	85.3-109			

Summit Scientific

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

Project: PDC - Hahn 24-27

Project Number: PDC 08089
Project Manager: John Peterson

Reported:
02/26/09 12:50

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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