

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 894-2100 Fax 894-2109



RECEIVED

JUN 28 2011

COGCC

OGCC Employee:

☐ Spill ☐ Complaint
☐ Inspection ☐ NOAV

Tracking No:

This form shall be submitted to the Director for approval prior to the initiation of site investigation and remediation activities. Form 27 is intended to be used whenever possible. Additional documentation will be required when large volumes of soil and groundwater have been impacted or involve large facilities with multiple source areas. See Rule 910. Attach as many pages as needed to fully describe the proposed work.

CAUSE OF CONDITION BEING INVESTIGATED AND REMEDIATED

☐ Spill or Release ☐ Plug & Abandon ☐ Central Facility Closure ☒ Site/Facility Closure ☐ Other (describe):

GENERAL INFORMATION

OGCC Operator Number: 69175		Contact Name and Telephone	
Name of Operator: Petroleum Development Corporation		Name: Randall Ferguson	
Address: 1775 Sherman Street, Suite 3000		No: (303) 860-5800	
City: Denver State: CO Zip: 80203		Fax: (303) 860-5838	
API/Facility No: 05-123-19549		County: Weld	
Facility Name: Heldt 12-18		Facility Number:	
Well Name: Heldt		Well Number: 12-18	
Location (Qtr, Sec, Twp, Rng, Meridian): SWNW Sec 18 T6N R64W 6th Principal Meridian		Latitude: Longitude:	

TECHNICAL CONDITIONS

Type of Waste Causing Impact (crude oil, condensate, produced water, etc.): Produced Water	
Site Conditions: Is location within a sensitive area (according to Rule 901e)? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N If yes, attach evaluation. Groundwater < 20 feet bgs.	
Adjacent land use (cultivated, irrigated, dry land farming, industrial, residential, etc.): Irrigated cropland	
Soil type, if not previously identified on Form 2A or Federal Surface Use Plan: Colombo Clay Loam, 0 to 1 percent slopes	
Potential receptors (water wells within 1/4 mi, surface waters, etc.): Surface water is located 45' southwest of the site; a building is located 650' southwest of the site; a water well is located 770' southwest of the site; and depth to groundwater is 7' below ground surface (bgs).	
Description of Impact (if previously provided, refer to that form or document):	
Impacted Media (check):	Extent of Impact:
<input checked="" type="checkbox"/> Soils	50' E-W x 50' N-S x 7' bgs
<input type="checkbox"/> Vegetation	
<input checked="" type="checkbox"/> Groundwater	See attached data
<input type="checkbox"/> Surface water	
How Determined:	
Laboratory analysis and field screening of soil samples	
Laboratory analysis of groundwater samples	

REMEDIALATION WORKPLAN

Describe initial action taken (if previously provided, refer to that form or document):	
Form 19 was submitted on 2/12/2010 (COGCC Spill #1632793, NRC Spill # 930522, CDPHE Spill # 2010-0058). An initial Form 27 was submitted on 1/13/2011 (Remediation #5473).	
Describe how source is to be removed:	
On 2/4/2010, the landowner observed a sheen on the surface water immediately downgradient of the Heldt 12-18 tank battery. The source was determined to be a subsurface leak from the partially buried produced water tank that had intercepted a field drain tile. The field tile drains to an unnamed tributary of Lone Tree Creek (Figure 2). Absorbent booms were immediately deployed and a passive remediation system containing activated carbon was installed to intercept the effluent fluids from the drain tile prior to entering the unnamed tributary. PDC began sampling the unnamed surface water until five consecutive events exhibited BTEX concentrations below lab detection limits. Once the produced water tank was removed, impacted soil was excavated. Groundwater flow through the field tiles was re-routed through blank PVC piping. Soil samples were collected from the sidewalls of two separate excavations and submitted for analysis of BTEX and GRO by EPA Method 8260B and DRO by EPA Modified Method 8015. Lab results indicated BTEX, GRO, and DRO concentrations along the excavation perimeter are in compliance with COGCC Table 910-1 Concentration Levels. A groundwater sample was collected from the base of each excavation and was analyzed for BTEX by EPA Method 8260B (Figure 2). Lab results indicated the benzene concentration in the larger excavation exceeded the CDPHE / Water Quality Control Commission Regulation 41 (WQCC Reg. 41) standard. Before backfilling the excavation, activated carbon was applied to the groundwater and exposed smear zone soils. A topographic map, site map, and surface water sample location map are provided as Figures 1, 2, and 3, respectively. Soil, groundwater, and surface water lab results are summarized in Tables 1, 2, and 3, respectively.	
Describe how remediation of existing impacts is to be accomplished, including removal and disposal at an injection well or licensed facility, land treatment on site, removal of impacted groundwater, insitu bioremediation, burning of oily vegetation, etc.:	
A total of 440 cubic yards of soil exceeding COGCC Table 910-1 Concentration Levels was transported to the Waste Management landfill in Ault, CO for disposal. A total of 560 barrels of impacted groundwater was recovered and disposed of at a licensed facility. PDC also installed two carbon filtration vessels in the unnamed tributary to capture any residual hydrocarbons	

State of Colorado
Oil and Gas Conservation Commission

1129 Lincoln Street, Suite 801, Denver, Colorado
(303) 894-2100 Fax 894-2109



Tracking Number: Rem #5473
Name of Operator: Petroleum Development Corporation
OGCC Operator No: 69175
Received Date: 6/28/11
Well Name & No: Heldt 12-18
Facility Name & No.: Heldt 12-18

OGCC Employee:

Axelsson

REMEDIATION WORKPLAN (CONT.)

If groundwater has been impacted, describe proposed monitoring plan (# of wells or sample points, sampling schedule, analytical methods, etc.):
Initially, PDC conducted surface water monitoring at the site to ensure hydrocarbons did not migrate downgradient in the unnamed tributary (Figure 3). After five consecutive events of non-detectable BTEX analytical results (2/18/2010, 2/22/2010, 3/1/2010, 3/8/2010, 3/15/2010), PDC ceased surface water sampling (Table 3). Monitoring wells MW01 through MW05 were installed at the site on July 14, 2010 (Figure 2). Following installation, each well was developed and purged. Groundwater samples were collected from the wells and submitted for laboratory analysis of BTEX by EPA Method 8260B from July 2010 through April 2011. Laboratory analytical results indicate BTEX levels in groundwater have been below laboratory reporting limits and in compliance with WQCC Reg. 41 standards for four consecutive quarters.

Describe reclamation plan. Discuss existing and new grade recontouring; method and testing of compaction alleviation; and reseeding program, including location of new seed, seed mix and noxious weed prevention. Attach diagram or drawing. Use additional sheet for description if required.

The site was restored to pre-release grade. PDC's production facility remains at the site.

Attach samples and analytical results taken to verify remediation of impacts. Show locations of samples on an onsite schematic or drawing.

Is further site investigation required? ☐ Y ☒ N If yes, describe:

Laboratory analytical results indicate BTEX levels in groundwater have remained in compliance with WQCC Reg. 41 standards for four consecutive quarters. Laboratory analytical results indicate the former soil and groundwater impacts have been remediated. Based on the laboratory analytical results, PDC is requesting a No Further Action determination for this site.

Final disposition of E&P waste (landtreated and disposed onsite, name of licensed disposal facility, recycling, reuse, etc.):

A total of 440 cubic yards of soil exceeding COGCC Table 910-1 Concentration Levels was transported to the Waste Management landfill in Ault, CO for disposal. A total of 560 barrels of impacted groundwater was recovered and disposed of at a licensed facility. PDC also installed two carbon filtration vessels in the unnamed tributary to capture any residual hydrocarbons (Figure 3).

IMPLEMENTATION SCHEDULE

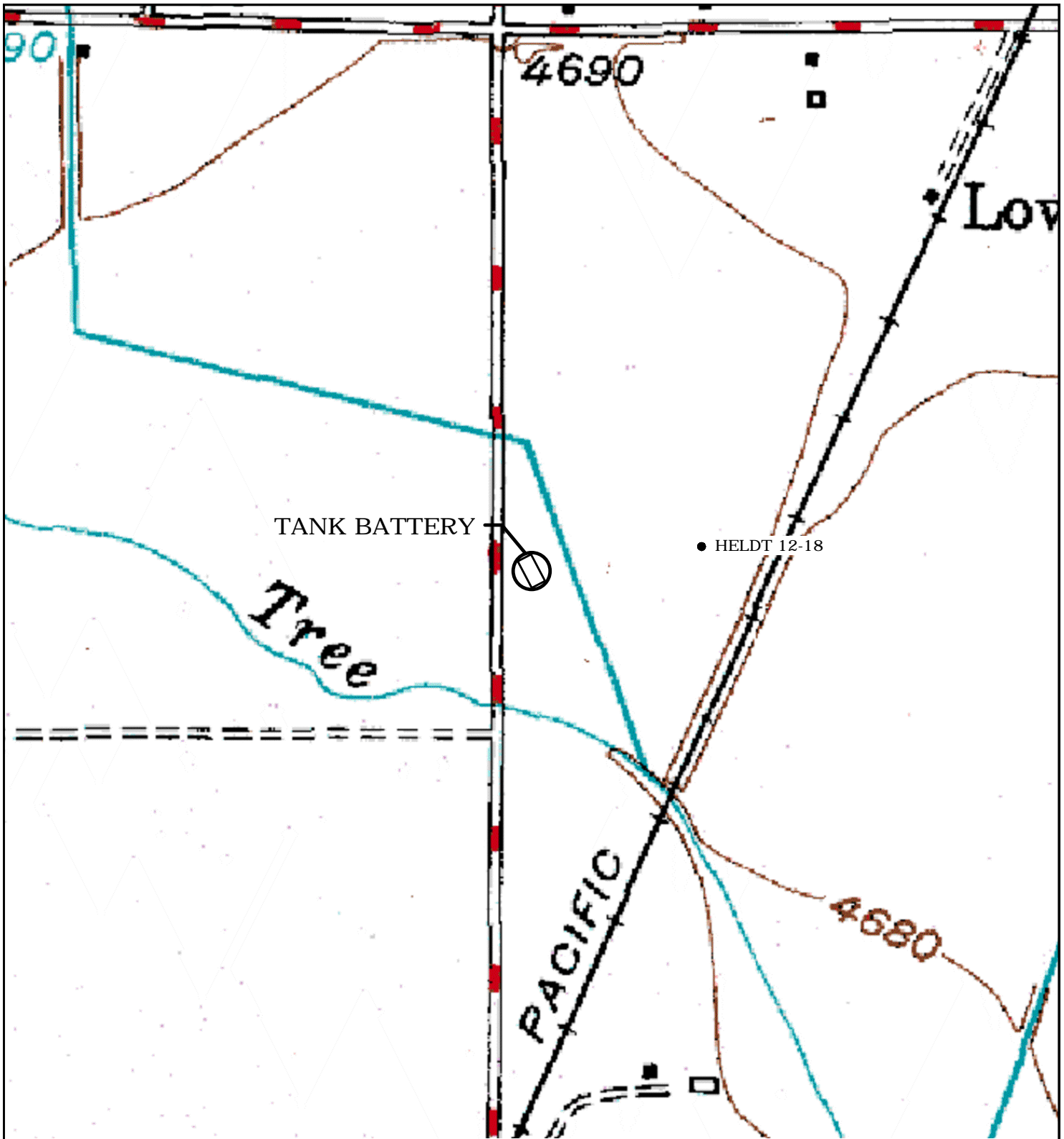
Date Site Investigation Began:	<u>2/4/2010</u>	Date Site Investigation Completed	<u>4/25/2011</u>	Remediation Plan Submitted:	<u>6/28/2011</u>
Remediation Start Date:	<u>2/5/2010</u>	Anticipated Completion Date:	<u>NA</u>	Actual Completion Date:	<u>4/25/2011</u>

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.



Print Name: Randall Ferguson

Signed: *Randall Ferguson* Title: Environmental Manager Date: 6/28/2011

OGCC Approved: *John Axelsson* Title: EPS Date: 6/29/11



LEGEND

-  TANK BATTERY
-  WELL LOCATION

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

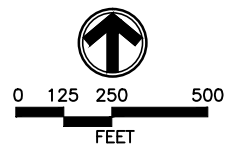
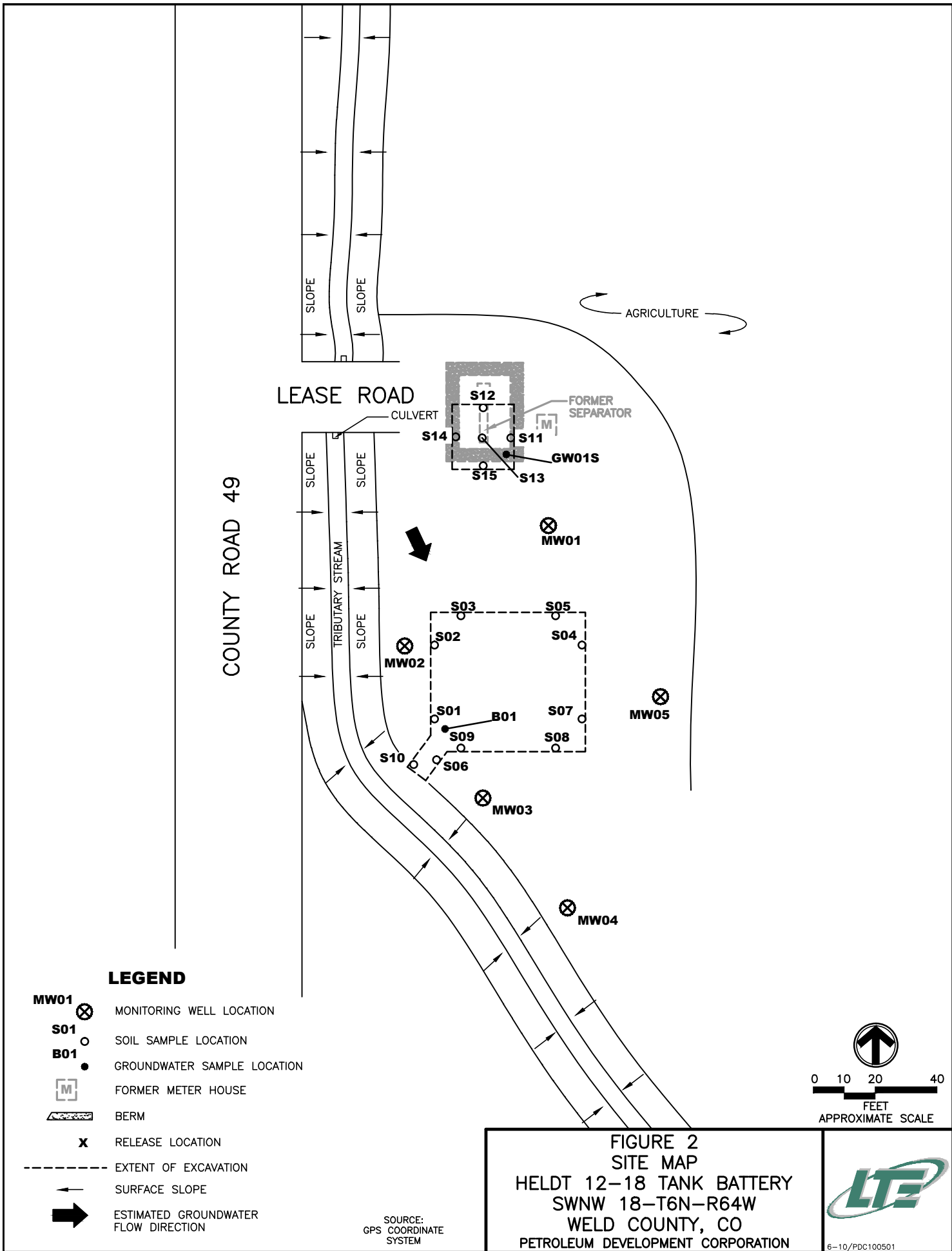


FIGURE 1
SITE LOCATION MAP
HELDT 12-18
SWNW 18-T6N-R64W
WELD COUNTY, CO
PETROLEUM DEVELOPMENT CORPORATION



PDC100502_SL



LEGEND

- MW01 MONITORING WELL LOCATION
- S01 SOIL SAMPLE LOCATION
- B01 GROUNDWATER SAMPLE LOCATION
- FORMER METER HOUSE
- BERM
- X RELEASE LOCATION
- EXTENT OF EXCAVATION
- SURFACE SLOPE
- ESTIMATED GROUNDWATER FLOW DIRECTION

SOURCE:
GPS COORDINATE
SYSTEM

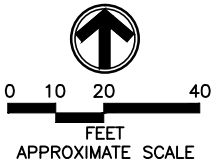
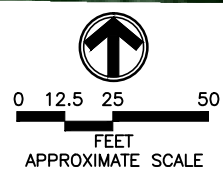


FIGURE 2
SITE MAP
HELDT 12-18 TANK BATTERY
SNNW 18-T6N-R64W
WELD COUNTY, CO
PETROLEUM DEVELOPMENT CORPORATION





LEGEND

- SW01 ● SURFACE WATER LOCATION
- BURIED FIELD TILE

FIGURE 3
 SURFACE WATER SAMPLE LOCATION MAP
 HELDT 12-18 TANK BATTERY
 S1N1W 18-T6N-R64W
 WELD COUNTY, CO
 PETROLEUM DEVELOPMENT CORPORATION



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
HELDT 12-18 (API No. 05-123-19549)
WELD COUNTY
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)
S01	6	02/12/2010	<0.0050	<0.0050	<0.0050	<0.0050	<50.5
S02	6	02/12/2010	<0.0050	<0.0050	<0.0050	<0.0050	<50.5
S03	6	02/12/2010	0.019	0.16	0.015	0.14	1.2
S04	6	02/12/2010	<0.0050	<0.0050	<0.0050	0.046	3.7
S05	6	02/12/2010	0.0078	0.032	<0.0050	0.038	3.1
S06	6	02/12/2010	<0.0050	<0.0050	<0.0050	<0.0050	<50.5
S07	6	02/16/2010	<0.0050	<0.0050	<0.0050	<0.0050	<50.5
S08	6	02/16/2010	<0.0050	<0.0050	<0.0050	<0.0050	<50.5
S09	6	02/16/2010	<0.0050	0.036	0.0056	0.060	1.1
S10	6	02/16/2010	<0.0050	<0.0050	<0.0050	<0.0050	<50.5
S11	6	04/05/2010	0.0050	0.0089	0.016	0.15	11
S12	6	04/05/2010	<0.0050	<0.0050	<0.0050	<0.0050	0.86
S13	6	04/05/2010	<0.0050	<0.0050	<0.0050	<0.0050	<50.5
S14	6	04/05/2010	<0.0050	<0.0050	<0.0050	<0.0050	<50.5
S15	6	04/08/2010	<0.0050	<0.0050	<0.0050	<0.0050	<50.5
Basic Standards for Soil			0.17	85	100	175	500

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

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.

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



TABLE 2
GROUNDWATER ANALYTICAL RESULTS AND FIELD PARAMETERS
HELDT 12-18 (API No. 05-123-19549)
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)
B01	02/12/2010	230	870	84	820	NM
GW01S	04/08/2010	1.2	65	<1.0	7.5	NM
MW01	07/16/2010	<1.0	<1.0	<1.0	<1.0	2.06
	10/18/2010	<1.0	<1.0	<1.0	<1.0	2.35
	01/06/2011	<1.0	<1.0	<1.0	<1.0	2.76
	04/21/2011	<1.0	<1.0	<1.0	<1.0	5.10
MW02	07/16/2010	<1.0	<1.0	<1.0	<1.0	1.93
	10/18/2010	<1.0	<1.0	<1.0	<1.0	4.42
	01/06/2011	<1.0	<1.0	<1.0	<1.0	4.78
	04/21/2011	<1.0	<1.0	<1.0	<1.0	5.07
MW03	07/16/2010	<1.0	<1.0	<1.0	<1.0	5.96
	10/18/2010	<1.0	<1.0	<1.0	<1.0	4.95
	01/06/2011	<1.0	<1.0	<1.0	<1.0	5.44
	04/21/2011	<1.0	<1.0	<1.0	<1.0	5.96
MW04	07/16/2010	<1.0	<1.0	<1.0	<1.0	3.98
	10/18/2010	<1.0	<1.0	<1.0	<1.0	7.10
	01/06/2011	<1.0	<1.0	<1.0	<1.0	7.65
	04/21/2011	<1.0	<1.0	<1.0	<1.0	8.06
MW05	07/16/2010	<1.0	<1.0	<1.0	<1.0	3.60
	10/18/2010	Not Found - Not Sampled				
	01/06/2011	<1.0	<1.0	<1.0	<1.0	3.59
	04/21/2011	<1.0	<1.0	<1.0	<1.0	5.00
Basic Standards for Groundwater:		5	560	700	1400	

Notes:

< - less than

ug/L - micrograms per Liter

NA - Not Analyzed/Not Available

NM - Not measured

API - American Petroleum Institute

ft btoc - feet below top of casing

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.



TABLE 3
SURFACE WATER ANALYTICAL RESULTS
HELDT 12-18 (API No. 05-123-19549)
WELD COUNTY, COLORADO
PETROLEUM DEVELOPMENT CORPORATION

Sample ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes (ug/L)
Conf01	02/12/2010	<1.0	<1.0	<1.0	<1.0
	02/16/2010	<1.0	<1.0	<1.0	<1.0
	02/18/2010	<1.0	<1.0	<1.0	<1.0
	02/22/2010	<1.0	<1.0	<1.0	<1.0
	03/01/2010	<1.0	<1.0	<1.0	<1.0
	03/08/2010	<1.0	<1.0	<1.0	<1.0
Source1	02/05/2010	15	770	240	2800
	02/08/2010	16	47	4.7	<1.0
	02/11/2010	430	1800	140	2100
	02/12/2010	16	77	12	140
	02/16/2010	1.6	13	2.6	28
	02/18/2010	<1.0	<1.0	<1.0	<1.0
	02/22/2010	<1.0	<1.0	<1.0	<1.0
	03/01/2010	<1.0	<1.0	<1.0	<1.0
	03/08/2010	<1.0	<1.0	<1.0	<1.0
	03/15/2010	<1.0	<1.0	<1.0	<1.0
SW01	02/05/2010	2.6	11	<1.0	6.9
	02/08/2010	<1.0	<1.0	<1.0	<1.0
	02/11/2010	<1.0	<1.0	<1.0	<1.0
	02/12/2010	<1.0	<1.0	<1.0	<1.0
	02/16/2010	<1.0	<1.0	<1.0	<1.0
	02/18/2010	<1.0	<1.0	<1.0	<1.0
	02/22/2010	<1.0	<1.0	<1.0	<1.0
	03/01/2010	<1.0	<1.0	<1.0	<1.0
	03/08/2010	<1.0	<1.0	<1.0	<1.0
	03/15/2010	<1.0	<1.0	<1.0	<1.0
SW02	02/05/2010	2.2	9.2	<1.0	5.8
	02/08/2010	<1.0	<1.0	<1.0	<1.0
	02/11/2010	<1.0	<1.0	<1.0	<1.0
	02/12/2010	<1.0	<1.0	<1.0	<1.0
	02/16/2010	<1.0	<1.0	<1.0	<1.0
	03/01/2010	<1.0	<1.0	<1.0	<1.0
	03/08/2010	<1.0	<1.0	<1.0	<1.0
SW02R	02/18/2010	<1.0	<1.0	<1.0	<1.0



TABLE 3 (Continued)
SURFACE WATER ANALYTICAL RESULTS
HELDT 12-18 (API No. 05-123-19549)
WELD COUNTY, COLORADO
PETROLEUM DEVELOPMENT CORPORATION

Sample ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes (ug/L)
SW02R	02/22/2010	<1.0	<1.0	<1.0	<1.0
SW03	02/05/2010	<1.0	<1.0	<1.0	<1.0
	02/08/2010	<1.0	<1.0	<1.0	<1.0
	02/11/2010	<1.0	<1.0	<1.0	<1.0
	02/12/2010	<1.0	<1.0	<1.0	<1.0
	02/16/2010	<1.0	<1.0	<1.0	<1.0
	02/18/2010	<1.0	<1.0	<1.0	<1.0
	02/22/2010	<1.0	<1.0	<1.0	<1.0
	03/01/2010	<1.0	<1.0	<1.0	<1.0
	03/08/2010	<1.0	<1.0	<1.0	<1.0
SW04	03/01/2010	<1.0	<1.0	<1.0	<1.0
	03/08/2010	<1.0	<1.0	<1.0	<1.0
	03/15/2010	<1.0	<1.0	<1.0	<1.0

Notes: < - less than

API - American Petroleum Institute

ug/L - micrograms per Liter

NA - Not Analyzed/Not Available



Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

February 09, 2010

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 02/04/10 17:51. 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
President / Laboratory Director



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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/09/10 09:57

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Source 1	R002017-01	Water	02/04/10 00:00	02/04/10 17:51
SW01	R002017-02	Water	02/04/10 00:00	02/04/10 17:51
SW02	R002017-03	Water	02/04/10 00:00	02/04/10 17:51
SW03	R002017-04	Water	02/04/10 00:00	02/04/10 17:51

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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/09/10 09:57

Summit Scientific 202017

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

Client: WTE
 Address: Brian Dodek
 City/State/Zip: hondak@LTSN.COM
 Phone: On file
 Fax: 12-18
 Project Manager: 10006
 E-Mail: 10006
 Project Name: 10006
 Project Number: 10006
 Sampler Name: John Kagan

Page / of /

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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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/09/10 09:57

Source 1
R002017-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/04/10 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	48	20	ug/l	20	0020406	02/04/10	02/05/10	EPA 8260B	
Toluene	170	20	"	"	"	"	"	"	
Ethylbenzene	55	20	"	"	"	"	"	"	
Xylenes (total)	860	20	"	"	"	"	"	"	

Date Sampled: **02/04/10 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		109 %	71.2-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		94.7 %	87.7-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		108 %	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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/09/10 09:57

SW01
R002017-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/04/10 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	1.8	1.0		ug/l	1	0020406	02/04/10	02/05/10	EPA 8260B	
Toluene	7.3	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	10	1.0		"	"	"	"	"	"	

Date Sampled: **02/04/10 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		110 %		71.2-129		"	"	"	"	
Surrogate: Toluene-d8		96.4 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %		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 - Heldt 12-18
Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/09/10 09:57

SW02
R002017-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/04/10 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	1.7	1.0	ug/l	1	0020406	02/04/10	02/05/10	EPA 8260B	
Toluene	6.8	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	6.4	1.0	"	"	"	"	"	"	

Date Sampled: **02/04/10 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		106 %	71.2-129		"	"	"	"	
Surrogate: Toluene-d8		98.0 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	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 - Heldt 12-18
Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/09/10 09:57

SW03
R002017-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/04/10 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	20		ug/l	20	0020406	02/04/10	02/05/10	EPA 8260B	
Toluene	ND	20		"	"	"	"	"	"	
Ethylbenzene	ND	20		"	"	"	"	"	"	
Xylenes (total)	ND	20		"	"	"	"	"	"	

Date Sampled: **02/04/10 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		107 %		71.2-129		"	"	"	"	
Surrogate: Toluene-d8		99.0 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/09/10 09:57

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 0020406 - EPA 5030 Water MS

Blank (0020406-BLK1)

Prepared: 02/04/10 Analyzed: 02/05/10

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	14.2		"	13.3	107	71.2-129				
Surrogate: Toluene-d8	12.8		"	13.3	96.3	87.7-110				
Surrogate: 4-Bromofluorobenzene	13.8		"	13.3	103	83.5-115				

LCS (0020406-BS1)

Prepared: 02/04/10 Analyzed: 02/05/10

Benzene	27.0	1.0	ug/l	33.3	81.1	70-114		8.14		
Toluene	27.6	1.0	"	33.3	82.8	72.7-116		7.88		
Surrogate: 1,2-Dichloroethane-d4	14.8		"	13.3	111	71.2-129				
Surrogate: Toluene-d8	13.0		"	13.3	97.9	87.7-110				
Surrogate: 4-Bromofluorobenzene	14.1		"	13.3	106	83.5-115				

LCS Dup (0020406-BSD1)

Prepared: 02/04/10 Analyzed: 02/05/10

Benzene	26.2	1.0	ug/l	33.3	78.7	70-114	2.93	8.14		
Toluene	27.2	1.0	"	33.3	81.5	72.7-116	1.64	7.88		
Surrogate: 1,2-Dichloroethane-d4	14.4		"	13.3	108	71.2-129				
Surrogate: Toluene-d8	13.0		"	13.3	97.8	87.7-110				
Surrogate: 4-Bromofluorobenzene	13.9		"	13.3	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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/09/10 09:57

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 'J.M.' followed by a long horizontal stroke.

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

February 08, 2010

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 02/05/10 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
President / Laboratory Director



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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/08/10 09:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Source1	R002029-01	Water	02/05/10 09:30	02/05/10 16:45
SW01	R002029-02	Water	02/05/10 09:40	02/05/10 16:45
SW02	R002029-03	Water	02/05/10 09:50	02/05/10 16:45
SW03	R002029-04	Water	02/05/10 10:00	02/05/10 16:45

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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/08/10 09:28

Summit Scientific 20072019

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: John. P. ...

Project Manager: John Peterson

E-Mail: ipeterson@ltenv.com

Project Name: 4/14 15-18

Project Number: DSY 1035[illegible]

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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/08/10 09:28

Source1
R002029-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/05/10 09:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	15	1.0	ug/l	1	0020605	02/06/10	02/07/10	EPA 8260B	
Toluene	770	10	"	10	"	"	"	"	
Ethylbenzene	240	1.0	"	1	"	"	"	"	
Xylenes (total)	2800	10	"	10	"	"	"	"	

Date Sampled: **02/05/10 09:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		112 %	71.2-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97.9 %	87.7-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/08/10 09:28

SW01
R002029-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/05/10 09:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	2.6	1.0	ug/l	1	0020605	02/06/10	02/07/10	EPA 8260B	
Toluene	11	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	6.9	1.0	"	"	"	"	"	"	

Date Sampled: **02/05/10 09:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		113 %	71.2-129		"	"	"	"	
Surrogate: Toluene-d8		98.0 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/08/10 09:28

SW02
R002029-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 02/05/10 09:50

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	2.2	1.0		ug/l	1	0020605	02/06/10	02/07/10	EPA 8260B	
Toluene	9.2	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	5.8	1.0		"	"	"	"	"	"	

Date Sampled: 02/05/10 09:50

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		114 %		71.2-129		"	"	"	"	
Surrogate: Toluene-d8		98.3 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %		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 - Heldt 12-18
Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/08/10 09:28

SW03
R002029-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/05/10 10:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0020605	02/06/10	02/07/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **02/05/10 10:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		111 %		71.2-129		"	"	"	"	
Surrogate: Toluene-d8		95.8 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/08/10 09:28

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 0020605 - EPA 5030 Water MS

Blank (0020605-BLK1)

Prepared: 02/06/10 Analyzed: 02/07/10

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	15.3		"	13.3	115	71.2-129				
Surrogate: Toluene-d8	12.8		"	13.3	96.3	87.7-110				
Surrogate: 4-Bromofluorobenzene	13.8		"	13.3	104	83.5-115				

LCS (0020605-BS1)

Prepared: 02/06/10 Analyzed: 02/07/10

Benzene	24.9	1.0	ug/l	33.3	74.7	70-114			8.14	
Toluene	25.0	1.0	"	33.3	75.2	72.7-116			7.88	
Surrogate: 1,2-Dichloroethane-d4	15.4		"	13.3	115	71.2-129				
Surrogate: Toluene-d8	13.0		"	13.3	97.3	87.7-110				
Surrogate: 4-Bromofluorobenzene	13.9		"	13.3	105	83.5-115				

LCS Dup (0020605-BSD1)

Prepared: 02/06/10 Analyzed: 02/07/10

Benzene	27.2	1.0	ug/l	33.3	81.7	70-114	8.94		8.14	
Toluene	27.8	1.0	"	33.3	83.5	72.7-116	10.6		7.88	
Surrogate: 1,2-Dichloroethane-d4	15.6		"	13.3	117	71.2-129				
Surrogate: Toluene-d8	13.0		"	13.3	97.7	87.7-110				
Surrogate: 4-Bromofluorobenzene	14.0		"	13.3	105	83.5-115				

Matrix Spike (0020605-MS1)

Source: R001108-02

Prepared: 02/06/10 Analyzed: 02/07/10

Benzene	29.0	1.0	ug/l	33.3	ND	87.0	66.8-121		17.8	
Toluene	29.5	1.0	"	33.3	ND	88.6	71.5-121		14.4	
Surrogate: 1,2-Dichloroethane-d4	15.5		"	13.3	116	71.2-129				
Surrogate: Toluene-d8	13.0		"	13.3	97.4	87.7-110				
Surrogate: 4-Bromofluorobenzene	13.8		"	13.3	103	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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/08/10 09:28

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 0020605 - EPA 5030 Water MS

Matrix Spike Dup (0020605-MSD1)		Source: R001108-02			Prepared: 02/06/10		Analyzed: 02/07/10			
Benzene	28.1	1.0	ug/l	33.3	ND	84.4	66.8-121	3.01	17.8	
Toluene	28.9	1.0	"	33.3	ND	86.8	71.5-121	2.09	14.4	
Surrogate: 1,2-Dichloroethane-d4	15.5		"	13.3		116	71.2-129			
Surrogate: Toluene-d8	13.1		"	13.3		98.3	87.7-110			
Surrogate: 4-Bromofluorobenzene	13.7		"	13.3		103	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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/08/10 09:28

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 'J.M.' followed by a long horizontal stroke.

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

February 09, 2010

John Peterson
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 02/08/10 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' or 'Shrewsbury', written in a cursive style.

Ben Shrewsbury
President / Laboratory Director



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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: John Peterson

Reported:
02/09/10 09:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Source1	R002036-01	Water	02/08/10 15:00	02/08/10 17:00
SW01	R002036-02	Water	02/08/10 15:10	02/08/10 17:00
SW02	R002036-03	Water	02/08/10 15:20	02/08/10 17:00
SW03	R002036-04	Water	02/08/10 15:30	02/08/10 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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: John Peterson

Reported:
02/09/10 09:39

Summit Scientific 20234

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 Name:

Sampler Name:

John Kegan

1121

Project Number:

50001

[illegible]

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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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: John Peterson

Reported:
02/09/10 09:39

Source1
R002036-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/08/10 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	16	1.0	ug/l	1	0020802	02/08/10	02/09/10	EPA 8260B	
Toluene	47	1.0	"	"	"	"	"	"	
Ethylbenzene	4.7	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **02/08/10 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>106 %</i>	<i>71.2-129</i>		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		<i>102 %</i>	<i>87.7-110</i>		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>101 %</i>	<i>83.5-115</i>		"	"	"	"	

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 - Heldt 12-18
Project Number: PDC 10005
Project Manager: John Peterson

Reported:
02/09/10 09:39

SW01
R002036-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/08/10 15:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0020802	02/08/10	02/09/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **02/08/10 15:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		107 %		71.2-129		"	"	"	"	
Surrogate: Toluene-d8		101 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %		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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: John Peterson

Reported:
02/09/10 09:39

SW02
R002036-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/08/10 15:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0020802	02/08/10	02/09/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **02/08/10 15:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		105 %		71.2-129		"	"	"	"	
Surrogate: Toluene-d8		100 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %		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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: John Peterson

Reported:
02/09/10 09:39

SW03
R002036-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/08/10 15:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0020802	02/08/10	02/09/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **02/08/10 15:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		102 %		71.2-129		"	"	"	"	
Surrogate: Toluene-d8		99.1 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %		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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: John Peterson

Reported:
02/09/10 09:39

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 0020802 - EPA 5030 Water MS

Blank (0020802-BLK1)

Prepared: 02/08/10 Analyzed: 02/09/10

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	13.7		"	13.3	103	71.2-129				
Surrogate: Toluene-d8	13.1		"	13.3	98.6	87.7-110				
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3	101	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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: John Peterson

Reported:
02/09/10 09:39

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 'JMP'.

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

February 12, 2010

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 02/11/10 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' followed by a long horizontal stroke.

Paul Shrewsbury For Ben Shrewsbury
President / Laboratory Director



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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/12/10 13:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Source1	R002045-01	Water	02/11/10 11:15	02/11/10 17:00
SW01	R002045-02	Water	02/11/10 11:05	02/11/10 17:00
SW02	R002045-03	Water	02/11/10 10:55	02/11/10 17:00
SW03	R002045-04	Water	02/11/10 10:45	02/11/10 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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/12/10 13:26

Summit Scientific 202045

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

Client: **LTE**

Page / of /

Address: 44-070 1160th

Project Manager:

City/State/Zip: Arvada, CO 80003

E-Mail: h-leinf@A-1TEAM.com

Phone: _____ Fax: _____

Project Name: Heldt 12-18

Sampler Name: Devin Githin

Project Number: PAC 10005

[illegible]

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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/12/10 13:26

Source1
R002045-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 02/11/10 11:15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	430	10	ug/l	10	0021105	02/11/10	02/11/10	EPA 8260B	
Toluene	1800	10	"	"	"	"	"	"	
Ethylbenzene	140	1.0	"	1	"	"	02/11/10	"	
Xylenes (total)	2100	10	"	10	"	"	02/11/10	"	

Date Sampled: 02/11/10 11:15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		111 %	71.2-129		"	"	02/11/10	"	
<i>Surrogate: Toluene-d8</i>		92.3 %	87.7-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.2 %	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 - Heldt 12-18
Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/12/10 13:26

SW01
R002045-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/11/10 11:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	0021105	02/11/10	02/12/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **02/11/10 11:05**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		102 %	71.2-129		"	"	"	"	
Surrogate: Toluene-d8		96.1 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.8 %	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 - Heldt 12-18
Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/12/10 13:26

SW02
R002045-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/11/10 10:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0021105	02/11/10	02/12/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **02/11/10 10:55**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		98.4 %		71.2-129		"	"	"	"	
Surrogate: Toluene-d8		96.3 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %		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 - Heldt 12-18
Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/12/10 13:26

SW03
R002045-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/11/10 10:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	0021105	02/11/10	02/12/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **02/11/10 10:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		105 %	71.2-129		"	"	"	"	
Surrogate: Toluene-d8		97.4 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/12/10 13:26

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 0021105 - EPA 5030 Water MS

Blank (0021105-BLK1)

Prepared: 02/11/10 Analyzed: 02/12/10

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	14.0		"	13.3	105	71.2-129				
Surrogate: Toluene-d8	13.2		"	13.3	98.9	87.7-110				
Surrogate: 4-Bromofluorobenzene	13.2		"	13.3	99.3	83.5-115				

LCS (0021105-BS1)

Prepared: 02/11/10 Analyzed: 02/12/10

Benzene	31.0	1.0	ug/l	33.3	93.1	70-114			8.14	
Toluene	29.4	1.0	"	33.3	88.2	72.7-116			7.88	
Surrogate: 1,2-Dichloroethane-d4	14.4		"	13.3	108	71.2-129				
Surrogate: Toluene-d8	13.4		"	13.3	100	87.7-110				
Surrogate: 4-Bromofluorobenzene	12.6		"	13.3	94.1	83.5-115				

LCS Dup (0021105-BSD1)

Prepared: 02/11/10 Analyzed: 02/12/10

Benzene	31.4	1.0	ug/l	33.3	94.2	70-114	1.19		8.14	
Toluene	30.1	1.0	"	33.3	90.4	72.7-116	2.49		7.88	
Surrogate: 1,2-Dichloroethane-d4	13.9		"	13.3	104	71.2-129				
Surrogate: Toluene-d8	13.3		"	13.3	99.6	87.7-110				
Surrogate: 4-Bromofluorobenzene	12.4		"	13.3	92.9	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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/12/10 13:26

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

February 15, 2010

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 02/12/10 15:30. 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' followed by a long horizontal flourish.

Paul Shrewsbury For Ben Shrewsbury
President / Laboratory Director



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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/15/10 07:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Source 1	R002056-01	Water	02/12/10 13:25	02/12/10 15:30
SW01	R002056-02	Water	02/12/10 13:30	02/12/10 15:30
SW02	R002056-03	Water	02/12/10 13:35	02/12/10 15:30
SW03	R002056-04	Water	02/12/10 13:40	02/12/10 15:30

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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/15/10 07:39

Summit Scientific 2002054

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

Page | of |

Client: LT ENVIRONMENTAL

Address: 4600 W 60TH AVE

City/State/Zip: A24/AA 00. 10 80003

City/State/Zip: Allentown, PA 18103
 Phone: 610-433-9788 Fax: 610-433-9788

Sample Name: BOETT EGGWEN

Project Manager: BLIAN DODDLE

E-Mail: bcodek@LTENW.COM

Project Name: 2DC Heldt 12-10

Project Number: PDC10005

[illegible]

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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/15/10 07:39

Source 1
R002056-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 02/12/10 13:25

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	16	1.0	ug/l	1	0021204	02/12/10	02/13/10	EPA 8260B	
Toluene	77	1.0	"	"	"	"	"	"	
Ethylbenzene	12	1.0	"	"	"	"	"	"	
Xylenes (total)	140	1.0	"	"	"	"	"	"	

Date Sampled: 02/12/10 13:25

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	71.2-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99.4 %	87.7-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		100 %	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 - Heldt 12-18
Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/15/10 07:39

SW01
R002056-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/12/10 13:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0021204	02/12/10	02/13/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **02/12/10 13:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		102 %		71.2-129		"	"	"	"	
Surrogate: Toluene-d8		98.9 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		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 - Heldt 12-18
Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/15/10 07:39

SW02
R002056-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/12/10 13:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0021204	02/12/10	02/13/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **02/12/10 13:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		103 %		71.2-129		"	"	"	"	
Surrogate: Toluene-d8		98.0 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %		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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/15/10 07:39

SW03
R002056-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/12/10 13:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0021204	02/12/10	02/13/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **02/12/10 13:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		103 %		71.2-129		"	"	"	"	
Surrogate: Toluene-d8		101 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.0 %		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 - Heldt 12-18
Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/15/10 07:39

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 0021204 - EPA 5030 Water MS

Blank (0021204-BLK1)

Prepared & Analyzed: 02/12/10

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	13.7		"	13.3	103	71.2-129				
Surrogate: Toluene-d8	13.1		"	13.3	98.6	87.7-110				
Surrogate: 4-Bromofluorobenzene	12.8		"	13.3	96.4	83.5-115				

LCS (0021204-BS1)

Prepared & Analyzed: 02/12/10

Benzene	35.6	1.0	ug/l	33.3	107	70-114			8.14	
Toluene	38.1	1.0	"	33.3	114	72.7-116			7.88	
Surrogate: 1,2-Dichloroethane-d4	15.5		"	13.3	117	71.2-129				
Surrogate: Toluene-d8	14.5		"	13.3	109	87.7-110				
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3	97.4	83.5-115				

LCS Dup (0021204-BSD1)

Prepared & Analyzed: 02/12/10

Benzene	37.1	1.0	ug/l	33.3	111	70-114	4.10		8.14	
Toluene	36.2	1.0	"	33.3	109	72.7-116	5.09		7.88	
Surrogate: 1,2-Dichloroethane-d4	14.1		"	13.3	106	71.2-129				
Surrogate: Toluene-d8	13.4		"	13.3	100	87.7-110				
Surrogate: 4-Bromofluorobenzene	13.1		"	13.3	98.0	83.5-115				

Matrix Spike (0021204-MS1)

Source: R002041-01

Prepared & Analyzed: 02/12/10

Benzene	33.6	1.0	ug/l	33.3	ND	101	66.8-121		17.8	
Toluene	32.7	1.0	"	33.3	ND	98.2	71.5-121		14.4	
Surrogate: 1,2-Dichloroethane-d4	14.1		"	13.3		106	71.2-129			
Surrogate: Toluene-d8	13.4		"	13.3		101	87.7-110			
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3		97.8	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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/15/10 07:39

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 0021204 - EPA 5030 Water MS

Matrix Spike Dup (0021204-MSD1)		Source: R002041-01			Prepared & Analyzed: 02/12/10					
Benzene	34.9	1.0	ug/l	33.3	ND	105	66.8-121	3.97	17.8	
Toluene	34.8	1.0	"	33.3	ND	104	71.5-121	6.16	14.4	
Surrogate: 1,2-Dichloroethane-d4	14.1		"	13.3		105	71.2-129			
Surrogate: Toluene-d8	13.4		"	13.3		101	87.7-110			
Surrogate: 4-Bromofluorobenzene	13.5		"	13.3		101	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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
02/15/10 07:39

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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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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Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

February 17, 2010

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 02/16/10 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' followed by a long horizontal stroke.

Paul Shrewsbury For Ben Shrewsbury
President / Laboratory Director



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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 17:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S01	R002065-01	Soil	02/12/10 15:20	02/16/10 17:00
S02	R002065-02	Soil	02/12/10 15:35	02/16/10 17:00
S03	R002065-03	Soil	02/12/10 15:40	02/16/10 17:00
S04	R002065-04	Soil	02/12/10 15:50	02/16/10 17:00
S05	R002065-05	Soil	02/12/10 16:00	02/16/10 17:00
S06	R002065-06	Soil	02/12/10 16:10	02/16/10 17:00
S07	R002065-07	Soil	02/16/10 12:55	02/16/10 17:00
S08	R002065-08	Soil	02/16/10 13:00	02/16/10 17:00
S09	R002065-09	Soil	02/16/10 13:05	02/16/10 17:00
S10	R002065-10	Soil	02/16/10 15:36	02/16/10 17:00
B01	R002065-11	Water	02/12/10 16:30	02/16/10 17:00

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 17:51

Summit Scientific

741 Corporate Circle Suite 1 • Golden, Colorado 80401
303-277-9510 • 303-277-9531 Fax

Client: LTE Page 1 of 2
Address: _____
City/State/Zip: On file Project Manager: Brian Dodek
Phone: _____ E-Mail: _____
Fax: _____ Project Name: Heldt 12-18
Sampler Name: Mark Elbert Project Number: PDC 10005.05

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)					
S01	2/12/10	15:20	1			X										
S02		15:35	1													
S03		15:40	1													
S04		15:50	1													
S05		16:00	1													
S06		16:10	1													
B01		16:30	1													
Relinquished by: <u>Brian Dodek</u> Date/Time: <u>2/16/10</u>				Received by: _____ Date/Time: _____				Turn Around Time (Check) Same Day <input type="checkbox"/> 24 Hours <input checked="" type="checkbox"/> 48 Hours <input type="checkbox"/> 72 Hours <input type="checkbox"/> Standard <input type="checkbox"/>				Notes: <u>2-17-10</u> <u>An results:</u> <u>Early as possible</u>				
Relinquished by: _____ Date/Time: _____				Received by: _____ Date/Time: _____				Sample Integrity: Temperature Upon Receipt: <u>4.5</u> Intact: <u>Yes</u> No <input type="checkbox"/>								
Relinquished by: _____ Date/Time: _____				Received in Lab by: <u>[Signature]</u> Date/Time: <u>2-18-10</u>												

www.s2scientific.com

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 17:51

Summit Scientific

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303-277-9310 ♦ 303-277-9531 Fax

Page 2 of 2

Client: LTE

Address: 4600 W. 60th Ave.

City/State/Zip: Anada, CO 80003

Phone: _____ Fax: _____

Sampler Name: Devin Girtin

Project Manager: Brian Dadek

E-Mail: bbcdell@a1envi.com

Project Name: He/dt 12-18

Project Number: PDC/0005.05

[illegible]

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 17:51

S01
R002065-01 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: 02/12/10 15:20

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	0021606	02/16/10	02/16/10	8015 DRO	

Date Sampled: 02/12/10 15:20

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

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 02/12/10 15:20

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	0021604	02/16/10	02/16/10	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 02/12/10 15:20

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		99.2 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		92.9 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	85.3-109		"	"	"	"	

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 17:51

S02
R002065-02 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **02/12/10 15:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	0021606	02/16/10	02/16/10	8015 DRO	

Date Sampled: **02/12/10 15:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		113 %	77.7-123		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/12/10 15:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	0021604	02/16/10	02/16/10	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **02/12/10 15:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		105 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		93.8 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	85.3-109		"	"	"	"	

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 17:51

S03
R002065-03 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **02/12/10 15:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	0021606	02/16/10	02/16/10	8015 DRO	

Date Sampled: **02/12/10 15:40**

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: **02/12/10 15:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.019	0.0050	mg/kg	1	0021604	02/16/10	02/16/10	EPA 8260B	
Toluene	0.16	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.015	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.14	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.2	0.50	"	"	"	"	"	"	

Date Sampled: **02/12/10 15:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		107 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		97.2 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		110 %	85.3-109		"	"	"	"	

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 17:51

S04
R002065-04 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **02/12/10 15:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	0021606	02/16/10	02/16/10	8015 DRO	

Date Sampled: **02/12/10 15:50**

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: **02/12/10 15:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	0021604	02/16/10	02/16/10	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.046	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	3.7	0.50	"	"	"	"	"	"	

Date Sampled: **02/12/10 15:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		113 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		90.2 %	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 - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 17:51

S05
R002065-05 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **02/12/10 16:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	0021606	02/16/10	02/16/10	8015 DRO	

Date Sampled: **02/12/10 16:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		105 %	77.7-123		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/12/10 16:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.0078	0.0050	mg/kg	1	0021604	02/16/10	02/16/10	EPA 8260B	
Toluene	0.032	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.038	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	3.1	0.50	"	"	"	"	"	"	

Date Sampled: **02/12/10 16:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		113 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		93.0 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.1 %	85.3-109		"	"	"	"	

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 17:51

S06
R002065-06 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **02/12/10 16:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	0021606	02/16/10	02/16/10	8015 DRO	

Date Sampled: **02/12/10 16:10**

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

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/12/10 16:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	0021604	02/16/10	02/16/10	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **02/12/10 16:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		107 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		92.0 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		80.2 %	85.3-109		"	"	"	"	

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 17:51

S07
R002065-07 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **02/16/10 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	0021606	02/16/10	02/16/10	8015 DRO	

Date Sampled: **02/16/10 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		111 %	77.7-123		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/16/10 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	0021604	02/16/10	02/16/10	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **02/16/10 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		116 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		95.8 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		117 %	85.3-109		"	"	"	"	

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 17:51

S08
R002065-08 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **02/16/10 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	0021606	02/16/10	02/16/10	8015 DRO	

Date Sampled: **02/16/10 13:00**

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

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/16/10 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	0021604	02/16/10	02/16/10	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **02/16/10 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		99.8 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		94.3 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	85.3-109		"	"	"	"	

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 17:51

S09
R002065-09 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **02/16/10 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	0021606	02/16/10	02/16/10	8015 DRO	

Date Sampled: **02/16/10 13:05**

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: **02/16/10 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	0021604	02/16/10	02/16/10	EPA 8260B	
Toluene	0.036	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.0056	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.060	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.1	0.50	"	"	"	"	"	"	

Date Sampled: **02/16/10 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		103 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		94.7 %	91.4-107		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	85.3-109		"	"	"	"	

Summit Scientific

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 17:51

S10
R002065-10 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **02/16/10 15:36**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	0021606	02/16/10	02/16/10	8015 DRO	

Date Sampled: **02/16/10 15:36**

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

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/16/10 15:36**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	0021604	02/16/10	02/16/10	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **02/16/10 15:36**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		101 %	77.3-121		"	"	"	"	
Surrogate: Toluene-d8		93.6 %	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 - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 17:51

B01
R002065-11 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/12/10 16:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	230	10	ug/l	10	0021608	02/16/10	02/17/10	EPA 8260B	
Toluene	870	10	"	"	"	"	"	"	
Ethylbenzene	84	10	"	"	"	"	"	"	
Xylenes (total)	820	10	"	"	"	"	"	"	

Date Sampled: **02/12/10 16:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		109 %	71.2-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		93.2 %	87.7-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.1 %	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 - Heldt 12-18
Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 17:51

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 0021606 - EPA 3550A

Blank (0021606-BLK1)

Prepared: 02/16/10 Analyzed: 02/17/10

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 14.0 " 12.5 112 88.8-124

LCS (0021606-BS1)

Prepared: 02/16/10 Analyzed: 02/17/10

C10-C28 (DRO) 492 50 mg/kg 500 98.3 81.4-129 9.26

LCS Dup (0021606-BSD1)

Prepared: 02/16/10 Analyzed: 02/17/10

C10-C28 (DRO) 485 50 mg/kg 500 96.9 81.4-129 1.43 9.26

Matrix Spike (0021606-MS1)

Source: R002065-01

Prepared: 02/16/10 Analyzed: 02/17/10

C10-C28 (DRO) 503 50 mg/kg 500 ND 101 77.8-133 8.48

Matrix Spike Dup (0021606-MSD1)

Source: R002065-01

Prepared: 02/16/10 Analyzed: 02/17/10

C10-C28 (DRO) 503 50 mg/kg 500 ND 101 77.8-133 0.0340 8.48

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 - Heldt 12-18
Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 17:51

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 0021604 - EPA 5030 Soil MS

Blank (0021604-BLK1)

Prepared: 02/16/10 Analyzed: 02/17/10

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	0.0385		"	0.0400		96.2	77.3-121			
Surrogate: Toluene-d8	0.0376		"	0.0400		93.9	91.4-107			
Surrogate: 4-Bromofluorobenzene	0.0414		"	0.0400		103	85.3-109			

LCS (0021604-BS1)

Prepared: 02/16/10 Analyzed: 02/17/10

Benzene	0.107	0.0050	mg/kg	0.100		107	70-114		8.14	
Toluene	0.103	0.0050	"	0.100		103	72.7-116		7.88	
Ethylbenzene	0.0992	0.0050	"	0.100		99.2	70-130		20	
m,p-Xylene	0.199	0.010	"	0.200		99.4	70-130		20	
o-Xylene	0.0990	0.0050	"	0.100		99.0	70-130		20	
Surrogate: 1,2-Dichloroethane-d4	0.0391		"	0.0400		97.6	77.3-121			
Surrogate: Toluene-d8	0.0384		"	0.0400		96.1	91.4-107			
Surrogate: 4-Bromofluorobenzene	0.0388		"	0.0400		97.0	85.3-109			

LCS Dup (0021604-BSD1)

Prepared: 02/16/10 Analyzed: 02/17/10

Benzene	0.108	0.0050	mg/kg	0.100		108	70-114	0.864	8.14	
Toluene	0.105	0.0050	"	0.100		105	72.7-116	1.59	7.88	
Ethylbenzene	0.103	0.0050	"	0.100		103	70-130	3.51	20	
m,p-Xylene	0.205	0.010	"	0.200		103	70-130	3.24	20	
o-Xylene	0.101	0.0050	"	0.100		101	70-130	1.95	20	
Surrogate: 1,2-Dichloroethane-d4	0.0386		"	0.0400		96.6	77.3-121			
Surrogate: Toluene-d8	0.0389		"	0.0400		97.3	91.4-107			
Surrogate: 4-Bromofluorobenzene	0.0388		"	0.0400		97.0	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 - Heldt 12-18
Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 17:51

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 0021604 - EPA 5030 Soil MS

Matrix Spike (0021604-MS1)		Source: R002065-01			Prepared: 02/16/10		Analyzed: 02/17/10			
Benzene	0.0467	0.0050	mg/kg	0.100	ND	46.7	66.8-117	17.8		QM-07
Toluene	0.0504	0.0050	"	0.100	ND	50.4	71.5-117	14.4		QM-07
Ethylbenzene	0.0569	0.0050	"	0.100	ND	56.9	70-130	20		QM-07
m,p-Xylene	0.122	0.010	"	0.200	ND	60.8	70-130	20		QM-07
o-Xylene	0.0854	0.0050	"	0.100	ND	85.4	70-130	20		
Surrogate: 1,2-Dichloroethane-d4	0.0440		"	0.0400		110	77.3-121			
Surrogate: Toluene-d8	0.0369		"	0.0400		92.2	91.4-107			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	85.3-109			

Matrix Spike Dup (0021604-MSD1)		Source: R002065-01			Prepared: 02/16/10		Analyzed: 02/17/10			
Benzene	0.0737	0.0050	mg/kg	0.100	ND	73.7	66.8-117	44.9	17.8	QM-07
Toluene	0.0740	0.0050	"	0.100	ND	74.0	71.5-117	37.9	14.4	QM-07
Ethylbenzene	0.0792	0.0050	"	0.100	ND	79.2	70-130	32.7	20	QM-07
m,p-Xylene	0.154	0.010	"	0.200	ND	76.8	70-130	23.3	20	QM-07
o-Xylene	0.0916	0.0050	"	0.100	ND	91.6	70-130	6.98	20	
Surrogate: 1,2-Dichloroethane-d4	0.0407		"	0.0400		102	77.3-121			
Surrogate: Toluene-d8	0.0389		"	0.0400		97.4	91.4-107			
Surrogate: 4-Bromofluorobenzene	0.0393		"	0.0400		98.2	85.3-109			

Batch 0021608 - EPA 5030 Water MS

Blank (0021608-BLK1)					Prepared: 02/16/10		Analyzed: 02/17/10			
Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	14.4		"	13.3		108	71.2-129			
Surrogate: Toluene-d8	12.4		"	13.3		92.9	87.7-110			
Surrogate: 4-Bromofluorobenzene	13.5		"	13.3		101	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 - Heldt 12-18
Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 17:51

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 0021608 - EPA 5030 Water MS

LCS (0021608-BS1)

Prepared: 02/16/10 Analyzed: 02/17/10

Benzene	29.3	1.0	ug/l	33.3		87.8	70-114		8.14	
Toluene	30.4	1.0	"	33.3		91.2	72.7-116		7.88	
Ethylbenzene	30.7	1.0	"	33.3		92.1	70-130		20	
m,p-Xylene	63.6	2.0	"	66.7		95.3	70-130		20	
o-Xylene	30.9	1.0	"	33.3		92.8	70-130		20	
Surrogate: 1,2-Dichloroethane-d4	14.7		"	13.3		110	71.2-129			
Surrogate: Toluene-d8	12.8		"	13.3		95.9	87.7-110			
Surrogate: 4-Bromofluorobenzene	12.5		"	13.3		93.5	83.5-115			

LCS Dup (0021608-BSD1)

Prepared: 02/16/10 Analyzed: 02/17/10

Benzene	30.7	1.0	ug/l	33.3		92.0	70-114	4.74	8.14	
Toluene	31.0	1.0	"	33.3		93.2	72.7-116	2.08	7.88	
Ethylbenzene	32.0	1.0	"	33.3		96.1	70-130	4.21	20	
m,p-Xylene	66.7	2.0	"	66.7		100	70-130	4.88	20	
o-Xylene	32.3	1.0	"	33.3		96.8	70-130	4.24	20	
Surrogate: 1,2-Dichloroethane-d4	15.0		"	13.3		112	71.2-129			
Surrogate: Toluene-d8	12.8		"	13.3		95.9	87.7-110			
Surrogate: 4-Bromofluorobenzene	12.7		"	13.3		95.0	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 - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 17:51

Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.

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.

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

February 17, 2010

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 02/16/10 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' followed by a long horizontal stroke.

Paul Shrewsbury For Ben Shrewsbury
President / Laboratory Director

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/17/10 18:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Conf 1	R002069-01	Water	02/12/10 16:45	02/16/10 17:00

Summit Scientific ^{S2} 1052069

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

Page 1 of 1

Client: LTE
Address: On Al
City/State/Zip: Field 12-18
Phone: Project Manager: Brian Dade
Fax: E-Mail:
Project Name: Project Number: 10C-10005.04
Sampler Name:

[illegible]

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 - Heldt 12-18

Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/17/10 18:04

Conf 1
R002069-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 02/12/10 16:45

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0021608	02/16/10	02/17/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: 02/12/10 16:45

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		111 %	71.2-129		"	"	"	"	
Surrogate: Toluene-d8		97.0 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	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 - Heldt 12-18
Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/17/10 18:04

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 0021608 - EPA 5030 Water MS

Blank (0021608-BLK1)

Prepared: 02/16/10 Analyzed: 02/17/10

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	14.4		"	13.3		108	71.2-129			
Surrogate: Toluene-d8	12.4		"	13.3		92.9	87.7-110			
Surrogate: 4-Bromofluorobenzene	13.5		"	13.3		101	83.5-115			

LCS (0021608-BS1)

Prepared: 02/16/10 Analyzed: 02/17/10

Benzene	29.3	1.0	ug/l	33.3		87.8	70-114		8.14	
Toluene	30.4	1.0	"	33.3		91.2	72.7-116		7.88	
Ethylbenzene	30.7	1.0	"	33.3		92.1	70-130		20	
m,p-Xylene	63.6	2.0	"	66.7		95.3	70-130		20	
o-Xylene	30.9	1.0	"	33.3		92.8	70-130		20	
Surrogate: 1,2-Dichloroethane-d4	14.7		"	13.3		110	71.2-129			
Surrogate: Toluene-d8	12.8		"	13.3		95.9	87.7-110			
Surrogate: 4-Bromofluorobenzene	12.5		"	13.3		93.5	83.5-115			

LCS Dup (0021608-BSD1)

Prepared: 02/16/10 Analyzed: 02/17/10

Benzene	30.7	1.0	ug/l	33.3		92.0	70-114	4.74	8.14	
Toluene	31.0	1.0	"	33.3		93.2	72.7-116	2.08	7.88	
Ethylbenzene	32.0	1.0	"	33.3		96.1	70-130	4.21	20	
m,p-Xylene	66.7	2.0	"	66.7		100	70-130	4.88	20	
o-Xylene	32.3	1.0	"	33.3		96.8	70-130	4.24	20	
Surrogate: 1,2-Dichloroethane-d4	15.0		"	13.3		112	71.2-129			
Surrogate: Toluene-d8	12.8		"	13.3		95.9	87.7-110			
Surrogate: 4-Bromofluorobenzene	12.7		"	13.3		95.0	83.5-115			

Summit Scientific

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/17/10 18:04

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.

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

February 17, 2010

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 02/16/10 16:56. 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' followed by a long, sweeping horizontal line.

Paul Shrewsbury For Ben Shrewsbury
President / Laboratory Director



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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 18:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Source 1	R002071-01	Water	02/16/10 13:10	02/16/10 16:56
SW01	R002071-02	Water	02/16/10 13:15	02/16/10 16:56
SW02	R002071-03	Water	02/16/10 13:20	02/16/10 16:56
SW03	R002071-04	Water	02/16/10 13:25	02/16/10 16:56
Conf 01	R002071-05	Water	02/16/10 13:30	02/16/10 16:56

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 - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 18:06

Summit Scientific 2021

52

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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:

Project Manager:

E-Mail:

Project Name: He

Project Number: 2

John Peterson

petersson@lter

81-217

505,005.05

Brian Dodek

— badeka 170

10

[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 - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 18:06

Source 1
R002071-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 02/16/10 13:10

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	1.6	1.0	ug/l	1	0021608	02/16/10	02/17/10	EPA 8260B	
Toluene	13	1.0	"	"	"	"	"	"	
Ethylbenzene	2.6	1.0	"	"	"	"	"	"	
Xylenes (total)	28	1.0	"	"	"	"	"	"	

Date Sampled: 02/16/10 13:10

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		109 %	71.2-129		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		93.7 %	87.7-110		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.6 %	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 - Heldt 12-18
Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 18:06

SW01
R002071-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/16/10 13:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0021608	02/16/10	02/17/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **02/16/10 13:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		109 %		71.2-129		"	"	"	"	
Surrogate: Toluene-d8		93.2 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.1 %		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 - Heldt 12-18
Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 18:06

SW02
R002071-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/16/10 13:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0021608	02/16/10	02/17/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **02/16/10 13:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		101 %		71.2-129		"	"	"	"	
Surrogate: Toluene-d8		92.7 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.8 %		83.5-115		"	"	"	"	

Summit Scientific

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

Project: PDC - Heldt 12-18
Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 18:06

SW03
R002071-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/16/10 13:25**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0021608	02/16/10	02/17/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **02/16/10 13:25**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		106 %		71.2-129		"	"	"	"	
Surrogate: Toluene-d8		92.3 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.5 %		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 - Heldt 12-18
Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 18:06

Conf 01
R002071-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/16/10 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0021608	02/16/10	02/17/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **02/16/10 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		109 %	71.2-129		"	"	"	"	
Surrogate: Toluene-d8		94.8 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.5 %	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 - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 18:06

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 0021608 - EPA 5030 Water MS

Blank (0021608-BLK1)

Prepared: 02/16/10 Analyzed: 02/17/10

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	14.4		"	13.3		108	71.2-129			
Surrogate: Toluene-d8	12.4		"	13.3		92.9	87.7-110			
Surrogate: 4-Bromofluorobenzene	13.5		"	13.3		101	83.5-115			

LCS (0021608-BS1)

Prepared: 02/16/10 Analyzed: 02/17/10

Benzene	29.3	1.0	ug/l	33.3		87.8	70-114		8.14	
Toluene	30.4	1.0	"	33.3		91.2	72.7-116		7.88	
Ethylbenzene	30.7	1.0	"	33.3		92.1	70-130		20	
m,p-Xylene	63.6	2.0	"	66.7		95.3	70-130		20	
o-Xylene	30.9	1.0	"	33.3		92.8	70-130		20	
Surrogate: 1,2-Dichloroethane-d4	14.7		"	13.3		110	71.2-129			
Surrogate: Toluene-d8	12.8		"	13.3		95.9	87.7-110			
Surrogate: 4-Bromofluorobenzene	12.5		"	13.3		93.5	83.5-115			

LCS Dup (0021608-BSD1)

Prepared: 02/16/10 Analyzed: 02/17/10

Benzene	30.7	1.0	ug/l	33.3		92.0	70-114	4.74	8.14	
Toluene	31.0	1.0	"	33.3		93.2	72.7-116	2.08	7.88	
Ethylbenzene	32.0	1.0	"	33.3		96.1	70-130	4.21	20	
m,p-Xylene	66.7	2.0	"	66.7		100	70-130	4.88	20	
o-Xylene	32.3	1.0	"	33.3		96.8	70-130	4.24	20	
Surrogate: 1,2-Dichloroethane-d4	15.0		"	13.3		112	71.2-129			
Surrogate: Toluene-d8	12.8		"	13.3		95.9	87.7-110			
Surrogate: 4-Bromofluorobenzene	12.7		"	13.3		95.0	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 - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
02/17/10 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

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 ♦ 303.374.5933 - fax

February 19, 2010

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 02/18/10 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' or 'Shrewsbury', written in a cursive style.

Ben Shrewsbury
President / Laboratory Director



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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/19/10 08:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Source1	R002083-01	Water	02/18/10 14:05	02/18/10 16:45
SW01	R002083-02	Water	02/18/10 13:45	02/18/10 16:45
SW02R	R002083-03	Water	02/18/10 14:10	02/18/10 16:45
SW03	R002083-04	Water	02/18/10 13:30	02/18/10 16:45
Conf 01	R002083-05	Water	02/18/10 14:15	02/18/10 16:45

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 - Heldt 12-18

Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/19/10 08:59

Summit Scientific 2002083

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

Client: **LTE**

Page / of

Project Manager: Brian Dodek

E-Mail: bdodek@tenvi.com

Project Name: Held + 12-18

Project Number: PDC 10005, 04

[illegible]

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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 - Heldt 12-18

Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/19/10 08:59

Source1
R002083-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/18/10 14:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0021806	02/18/10	02/18/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	02/18/10	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **02/18/10 14:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		107 %	71.2-129		"	"	"	"	
Surrogate: Toluene-d8		98.3 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	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 - Heldt 12-18
Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/19/10 08:59

SW01
R002083-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/18/10 13:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0021806	02/18/10	02/18/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	02/19/10	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **02/18/10 13:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		104 %		71.2-129		"	"	"	"	
Surrogate: Toluene-d8		94.9 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.9 %		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 - Heldt 12-18
Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/19/10 08:59

SW02R
R002083-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/18/10 14:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0021806	02/18/10	02/18/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	02/19/10	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **02/18/10 14:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		98.6 %		71.2-129		"	"	"	"	
Surrogate: Toluene-d8		96.2 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.5 %		83.5-115		"	"	"	"	

Summit Scientific

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

Project: PDC - Heldt 12-18
Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/19/10 08:59

SW03
R002083-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/18/10 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	0021806	02/18/10	02/18/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	02/19/10	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **02/18/10 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		98.6 %	71.2-129		"	"	"	"	
Surrogate: Toluene-d8		98.1 %	87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	83.5-115		"	"	"	"	

Summit Scientific

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

Project: PDC - Heldt 12-18
Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/19/10 08:59

Conf 01
R002083-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/18/10 14:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0021806	02/18/10	02/19/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **02/18/10 14:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		108 %		71.2-129		"	"	"	"	
Surrogate: Toluene-d8		98.3 %		87.7-110		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %		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 - Heldt 12-18
Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/19/10 08:59

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 0021806 - EPA 5030 Water MS

Blank (0021806-BLK1)

Prepared: 02/18/10 Analyzed: 02/19/10

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	14.4		"	13.3	108	71.2-129				
Surrogate: Toluene-d8	13.1		"	13.3	98.3	87.7-110				
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3	100	83.5-115				

LCS (0021806-BS1)

Prepared: 02/18/10 Analyzed: 02/19/10

Benzene	40.0	1.0	ug/l	33.3	120	70-114			8.14	
Toluene	39.4	1.0	"	33.3	118	72.7-116			7.88	
Ethylbenzene	40.4	1.0	"	33.3	121	70-130			20	
m,p-Xylene	76.3	2.0	"	66.7	114	70-130			20	
o-Xylene	36.0	1.0	"	33.3	108	70-130			20	
Surrogate: 1,2-Dichloroethane-d4	14.6		"	13.3	109	71.2-129				
Surrogate: Toluene-d8	13.6		"	13.3	102	87.7-110				
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3	97.5	83.5-115				

LCS Dup (0021806-BSD1)

Prepared: 02/18/10 Analyzed: 02/19/10

Benzene	40.9	1.0	ug/l	33.3	123	70-114	2.22		8.14	
Toluene	41.1	1.0	"	33.3	123	72.7-116	4.02		7.88	
Ethylbenzene	42.2	1.0	"	33.3	127	70-130	4.34		20	
m,p-Xylene	81.6	2.0	"	66.7	122	70-130	6.69		20	
o-Xylene	38.4	1.0	"	33.3	115	70-130	6.59		20	
Surrogate: 1,2-Dichloroethane-d4	13.4		"	13.3	101	71.2-129				
Surrogate: Toluene-d8	13.2		"	13.3	99.0	87.7-110				
Surrogate: 4-Bromofluorobenzene	12.6		"	13.3	94.8	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 - Heldt 12-18
Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/19/10 08:59

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 0021806 - EPA 5030 Water MS

Matrix Spike (0021806-MS1)				Source: R002052-05		Prepared: 02/18/10		Analyzed: 02/19/10		
Benzene	36.9	1.0	ug/l	33.3	ND	111	66.8-121		17.8	
Toluene	36.0	1.0	"	33.3	ND	108	71.5-121		14.4	
Ethylbenzene	37.2	1.0	"	33.3	ND	112	70-130		20	
m,p-Xylene	71.2	2.0	"	66.7	ND	107	70-130		20	
o-Xylene	33.5	1.0	"	33.3	ND	100	70-130		20	
Surrogate: 1,2-Dichloroethane-d4	14.6		"	13.3		110	71.2-129			
Surrogate: Toluene-d8	13.1		"	13.3		98.5	87.7-110			
Surrogate: 4-Bromofluorobenzene	12.8		"	13.3		95.9	83.5-115			
Matrix Spike Dup (0021806-MSD1)				Source: R002052-05		Prepared: 02/18/10		Analyzed: 02/19/10		
Benzene	35.2	1.0	ug/l	33.3	ND	106	66.8-121	4.72	17.8	
Toluene	35.1	1.0	"	33.3	ND	105	71.5-121	2.45	14.4	
Ethylbenzene	36.2	1.0	"	33.3	ND	109	70-130	2.75	20	
m,p-Xylene	69.3	2.0	"	66.7	ND	104	70-130	2.65	20	
o-Xylene	33.2	1.0	"	33.3	ND	99.7	70-130	0.780	20	
Surrogate: 1,2-Dichloroethane-d4	13.4		"	13.3		100	71.2-129			
Surrogate: Toluene-d8	13.3		"	13.3		99.8	87.7-110			
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3		97.4	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 - Heldt 12-18

Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/19/10 08:59

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 'J.M.' followed by a long horizontal stroke.

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

February 23, 2010

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 02/22/10 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
President / Laboratory Director



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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/23/10 08:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Source01	R002098-01	Water	02/22/10 13:30	02/22/10 17:00
SW01	R002098-02	Water	02/22/10 13:35	02/22/10 17:00
SW02R	R002098-03	Water	02/22/10 13:25	02/22/10 17:00
SW03	R002098-04	Water	02/22/10 13:40	02/22/10 17:00
Conf01	R002098-05	Water	02/22/10 13:20	02/22/10 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 - Heldt 12-18

Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/23/10 08:55

Summit Scientific 2002098

S₂
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

City/State/Zip: Atlanta, GA 30303
Phone: (303) 433-9788

Sampler Name: Devin Gartin

Project Manager:

E-Mail:

Project Name: 24

Project Number:

Dd ~~John Peterson~~ Brian Dadek

b7c: ipetersen@attenv.com

12-10005- Heldt 12-18

PNC 10005.04

[illegible]

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Summit Scientific

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/23/10 08:55

Source01
R002098-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/22/10 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0022202	02/22/10	02/23/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **02/22/10 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		88.3 %	70.4-127		"	"	"	"	
Surrogate: Toluene-d8		99.1 %	85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	83.9-116		"	"	"	"	

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

Project: PDC - Heldt 12-18
Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/23/10 08:55

SW01
R002098-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/22/10 13:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0022202	02/22/10	02/23/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **02/22/10 13:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		87.5 %		70.4-127		"	"	"	"	
Surrogate: Toluene-d8		96.8 %		85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.8 %		83.9-116		"	"	"	"	

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

Project: PDC - Heldt 12-18
Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/23/10 08:55

SW02R
R002098-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/22/10 13:25**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0022202	02/22/10	02/23/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **02/22/10 13:25**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		85.7 %		70.4-127		"	"	"	"	
Surrogate: Toluene-d8		99.6 %		85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %		83.9-116		"	"	"	"	

Summit Scientific

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

Project: PDC - Heldt 12-18
Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/23/10 08:55

SW03
R002098-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/22/10 13:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0022202	02/22/10	02/23/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **02/22/10 13:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		78.8 %		70.4-127		"	"	"	"	
Surrogate: Toluene-d8		95.5 %		85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %		83.9-116		"	"	"	"	

Summit Scientific

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/23/10 08:55

Conf01
R002098-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/22/10 13:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0022202	02/22/10	02/23/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **02/22/10 13:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		92.3 %		70.4-127		"	"	"	"	
Surrogate: Toluene-d8		98.0 %		85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %		83.9-116		"	"	"	"	

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

Project: PDC - Heldt 12-18
Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/23/10 08:55

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

Batch 0022202 - EPA 5030 Water MS

Blank (0022202-BLK1)

Prepared: 02/22/10 Analyzed: 02/23/10

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	11.1		"	13.3	83.1	70.4-127				
Surrogate: Toluene-d8	13.1		"	13.3	98.0	85.7-111				
Surrogate: 4-Bromofluorobenzene	13.8		"	13.3	104	83.9-116				

LCS (0022202-BS1)

Prepared: 02/22/10 Analyzed: 02/23/10

Benzene	38.1	1.0	ug/l	33.3	114	64.2-127			10.9	
Toluene	37.9	1.0	"	33.3	114	66.4-125			11.3	
Ethylbenzene	40.7	1.0	"	33.3	122	70-130			20	
m,p-Xylene	76.0	2.0	"	66.7	114	70-130			20	
o-Xylene	35.7	1.0	"	33.3	107	70-130			20	
Surrogate: 1,2-Dichloroethane-d4	10.8		"	13.3	80.9	70.4-127				
Surrogate: Toluene-d8	13.6		"	13.3	102	85.7-111				
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3	97.4	83.9-116				

LCS Dup (0022202-BSD1)

Prepared: 02/22/10 Analyzed: 02/23/10

Benzene	35.1	1.0	ug/l	33.3	105	64.2-127	8.14		10.9	
Toluene	35.0	1.0	"	33.3	105	66.4-125	7.92		11.3	
Ethylbenzene	37.2	1.0	"	33.3	112	70-130	8.86		20	
m,p-Xylene	70.1	2.0	"	66.7	105	70-130	8.04		20	
o-Xylene	32.9	1.0	"	33.3	98.6	70-130	8.40		20	
Surrogate: 1,2-Dichloroethane-d4	10.4		"	13.3	78.2	70.4-127				
Surrogate: Toluene-d8	13.6		"	13.3	102	85.7-111				
Surrogate: 4-Bromofluorobenzene	12.9		"	13.3	96.6	83.9-116				

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.04
Project Manager: Brian Dodek

Reported:
02/23/10 08:55

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 'J.M.' followed by a long horizontal stroke.

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

March 02, 2010

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 03/01/10 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 '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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/02/10 17:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Conf01	R003008-01	Water	03/01/10 12:50	03/01/10 17:00
Source01	R003008-02	Water	03/01/10 12:00	03/01/10 17:00
SW01	R003008-03	Water	03/01/10 12:30	03/01/10 17:00
SW02	R003008-04	Water	03/01/10 12:20	03/01/10 17:00
SW03	R003008-05	Water	03/01/10 12:40	03/01/10 17:00
SW04	R003008-06	Water	03/01/10 12:10	03/01/10 17:00

Summit Scientific

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/02/10 17:30

Conf01
R003008-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/01/10 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0030201	03/02/10	03/02/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **03/01/10 12:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		83.3 %	70.4-127		"	"	"	"	
Surrogate: Toluene-d8		94.8 %	85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.6 %	83.9-116		"	"	"	"	

Summit Scientific

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/02/10 17:30

Source01
R003008-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/01/10 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0030201	03/02/10	03/02/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **03/01/10 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		86.3 %	70.4-127		"	"	"	"	
Surrogate: Toluene-d8		97.4 %	85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.1 %	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 - Heldt 12-18
Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/02/10 17:30

SW01
R003008-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/01/10 12:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0030201	03/02/10	03/02/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **03/01/10 12:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		84.8 %		70.4-127		"	"	"	"	
Surrogate: Toluene-d8		98.8 %		85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.7 %		83.9-116		"	"	"	"	

Summit Scientific

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/02/10 17:30

SW02
R003008-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/01/10 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0030201	03/02/10	03/02/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **03/01/10 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		84.2 %	70.4-127		"	"	"	"	
Surrogate: Toluene-d8		98.6 %	85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.0 %	83.9-116		"	"	"	"	

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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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/02/10 17:30

SW03
R003008-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/01/10 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0030201	03/02/10	03/02/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **03/01/10 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		84.8 %	70.4-127		"	"	"	"	
Surrogate: Toluene-d8		94.9 %	85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.6 %	83.9-116		"	"	"	"	

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/02/10 17:30

SW04
R003008-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/01/10 12:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0030201	03/02/10	03/02/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **03/01/10 12:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		80.9 %		70.4-127		"	"	"	"	
Surrogate: Toluene-d8		98.7 %		85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.7 %		83.9-116		"	"	"	"	

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/02/10 17:30

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 0030201 - EPA 5030 Water MS

Blank (0030201-BLK1)

Prepared & Analyzed: 03/02/10

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	11.4		"	13.3	85.2	70.4-127				
Surrogate: Toluene-d8	13.3		"	13.3	100	85.7-111				
Surrogate: 4-Bromofluorobenzene	12.6		"	13.3	94.7	83.9-116				

LCS (0030201-BS1)

Prepared & Analyzed: 03/02/10

Benzene	33.5	1.0	ug/l	33.3	100	64.2-127			10.9	
Toluene	35.0	1.0	"	33.3	105	66.4-125			11.3	
Ethylbenzene	27.1	1.0	"	33.3	81.3	70-130			20	
m,p-Xylene	54.6	2.0	"	66.7	81.8	70-130			20	
o-Xylene	28.6	1.0	"	33.3	85.9	70-130			20	
Surrogate: 1,2-Dichloroethane-d4	11.1		"	13.3	83.6	70.4-127				
Surrogate: Toluene-d8	13.5		"	13.3	101	85.7-111				
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3	97.9	83.9-116				

LCS Dup (0030201-BSD1)

Prepared & Analyzed: 03/02/10

Benzene	34.5	1.0	ug/l	33.3	104	64.2-127	3.09		10.9	
Toluene	36.0	1.0	"	33.3	108	66.4-125	2.96		11.3	
Ethylbenzene	26.7	1.0	"	33.3	80.1	70-130	1.56		20	
m,p-Xylene	54.0	2.0	"	66.7	80.9	70-130	1.12		20	
o-Xylene	27.7	1.0	"	33.3	83.1	70-130	3.30		20	
Surrogate: 1,2-Dichloroethane-d4	11.6		"	13.3	86.8	70.4-127				
Surrogate: Toluene-d8	13.6		"	13.3	102	85.7-111				
Surrogate: 4-Bromofluorobenzene	12.1		"	13.3	91.1	83.9-116				

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

Project: PDC - Heldt 12-18
Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/02/10 17:30

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 0030201 - EPA 5030 Water MS

Matrix Spike (0030201-MS1)		Source: R003008-01			Prepared & Analyzed: 03/02/10					
Benzene	33.3	1.0	ug/l	33.3	ND	99.9	57.4-127		19.3	
Toluene	33.8	1.0	"	33.3	ND	102	60.1-123		18.7	
Ethylbenzene	26.2	1.0	"	33.3	ND	78.7	70-130		20	
m,p-Xylene	52.9	2.0	"	66.7	ND	79.4	70-130		20	
o-Xylene	26.7	1.0	"	33.3	ND	80.0	70-130		20	
Surrogate: 1,2-Dichloroethane-d4	12.0		"	13.3		90.0	70.4-127			
Surrogate: Toluene-d8	13.5		"	13.3		101	85.7-111			
Surrogate: 4-Bromofluorobenzene	12.6		"	13.3		94.5	83.9-116			
Matrix Spike Dup (0030201-MSD1)		Source: R003008-01			Prepared & Analyzed: 03/02/10					
Benzene	31.0	1.0	ug/l	33.3	ND	93.2	57.4-127	6.99	19.3	
Toluene	32.1	1.0	"	33.3	ND	96.2	60.1-123	5.43	18.7	
Ethylbenzene	25.1	1.0	"	33.3	ND	75.3	70-130	4.40	20	
m,p-Xylene	51.1	2.0	"	66.7	ND	76.6	70-130	3.52	20	
o-Xylene	25.8	1.0	"	33.3	ND	77.4	70-130	3.31	20	
Surrogate: 1,2-Dichloroethane-d4	11.2		"	13.3		84.1	70.4-127			
Surrogate: Toluene-d8	13.3		"	13.3		99.7	85.7-111			
Surrogate: 4-Bromofluorobenzene	12.6		"	13.3		94.4	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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/02/10 17:30

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

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

March 09, 2010

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 03/08/10 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' followed by a long horizontal stroke.

Paul Shrewsbury For Ben Shrewsbury
President / Laboratory Director



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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/09/10 09:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Conf1	R003050-01	Water	03/08/10 12:30	03/08/10 17:00
SW01	R003050-02	Water	03/08/10 12:50	03/08/10 17:00
SW02	R003050-03	Water	03/08/10 12:40	03/08/10 17:00
SW03	R003050-04	Water	03/08/10 13:20	03/08/10 17:00
SW04	R003050-05	Water	03/08/10 13:00	03/08/10 17:00
Source1	R003050-06	Water	03/08/10 13:10	03/08/10 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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/09/10 09:04

Summit Scientific 202305052

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

Sampler Name: F. L.

Sample Name: John Kays

Project Manager: Brian Dodek

E-Mail: bdodek@itenv.com

Project Name: 4611 + 12-18

Project Number: 1987-10-10
Project Number: 1987-10-10

Project Number: PDC/0003

Preservative						Matrix		Analyze For:											
Sample Description	Date Sampled	Time Sampled	Number of Containers	HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	DRO	GBTEX	BTEX 8260B	Table 9-10 Full	Table 9-10 Short	PH / EC	SAR	Special Instructions
				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Camp 1	3/8	1230	3	X				X						X					
SWO1	3/8	1250	3	X				X						X					
SWO2	3/8	1240	7	X				X						X					
SWO3	3/8	1320	3	X				X						X					
SWO4	3/8	1300	3	X				X						X					
Source	3/8	1310	3	X				X						X					
Relinquished by:	Date/Time:	Received by:		Date/Time:		Turn Around Time (Check)		Notes:											
[Signature]	3-8-16 (7:40)	[Signature]		[Signature]		Same Day 24 Hours 48 Hours		72 Hours Standard											
Relinquished by:	Date/Time:	Received by:		Date/Time:		Sample Integrity:		Temperature Upon Receipt:											
[Signature]	3-8-16 (7:40)	[Signature]		[Signature]		Intact: Yes No		[Signature]											

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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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/09/10 09:04

Conf1
R003050-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/08/10 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0030804	03/08/10	03/09/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **03/08/10 12:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70.4-127		"	"	"	"	
Surrogate: Toluene-d8		100 %	85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/09/10 09:04

SW01
R003050-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/08/10 12:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0030804	03/08/10	03/09/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **03/08/10 12:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		98.6 %		70.4-127		"	"	"	"	
Surrogate: Toluene-d8		101 %		85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %		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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/09/10 09:04

SW02
R003050-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/08/10 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0030804	03/08/10	03/09/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **03/08/10 12:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70.4-127		"	"	"	"	
Surrogate: Toluene-d8		99.2 %	85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %	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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/09/10 09:04

SW03
R003050-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/08/10 13:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0030804	03/08/10	03/09/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **03/08/10 13:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		97.9 %		70.4-127		"	"	"	"	
Surrogate: Toluene-d8		99.5 %		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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/09/10 09:04

SW04
R003050-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/08/10 13:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0030804	03/08/10	03/09/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **03/08/10 13:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		99.8 %		70.4-127		"	"	"	"	
Surrogate: Toluene-d8		101 %		85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %		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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/09/10 09:04

Source1
R003050-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/08/10 13:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0030804	03/08/10	03/09/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **03/08/10 13:10**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		96.0 %		70.4-127		"	"	"	"	
Surrogate: Toluene-d8		96.9 %		85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %		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 - Heldt 12-18
Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/09/10 09:04

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 0030804 - EPA 5030 Water MS

Blank (0030804-BLK1)

Prepared: 03/08/10 Analyzed: 03/09/10

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	13.3		"	13.3	100	70.4-127				
Surrogate: Toluene-d8	13.4		"	13.3	101	85.7-111				
Surrogate: 4-Bromofluorobenzene	14.3		"	13.3	107	83.9-116				

LCS (0030804-BS1)

Prepared: 03/08/10 Analyzed: 03/09/10

Benzene	35.6	1.0	ug/l	33.3	107	64.2-127			10.9	
Toluene	35.7	1.0	"	33.3	107	66.4-125			11.3	
Ethylbenzene	36.6	1.0	"	33.3	110	70-130			20	
m,p-Xylene	68.7	2.0	"	66.7	103	70-130			20	
o-Xylene	31.2	1.0	"	33.3	93.5	70-130			20	
Surrogate: 1,2-Dichloroethane-d4	13.2		"	13.3	98.9	70.4-127				
Surrogate: Toluene-d8	13.5		"	13.3	101	85.7-111				
Surrogate: 4-Bromofluorobenzene	12.8		"	13.3	96.2	83.9-116				

LCS Dup (0030804-BSD1)

Prepared: 03/08/10 Analyzed: 03/09/10

Benzene	36.8	1.0	ug/l	33.3	111	64.2-127	3.34		10.9	
Toluene	36.3	1.0	"	33.3	109	66.4-125	1.81		11.3	
Ethylbenzene	37.9	1.0	"	33.3	114	70-130	3.54		20	
m,p-Xylene	71.0	2.0	"	66.7	106	70-130	3.22		20	
o-Xylene	33.4	1.0	"	33.3	100	70-130	6.85		20	
Surrogate: 1,2-Dichloroethane-d4	14.0		"	13.3	105	70.4-127				
Surrogate: Toluene-d8	13.7		"	13.3	103	85.7-111				
Surrogate: 4-Bromofluorobenzene	13.5		"	13.3	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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/09/10 09:04

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.

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

March 22, 2010

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 03/15/10 17:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in dark 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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/22/10 15:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SOURCE1	R003093-01	Water	03/15/10 13:25	03/15/10 17:00
SW04	R003093-02	Water	03/15/10 13:30	03/15/10 17:00
SW01	R003093-03	Water	03/15/10 13:35	03/15/10 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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/22/10 15:14

Summit Scientific
20030913

S₂
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: Y. L.

Sample Name: DM 567

Project Manager:

E-Mail:

Project Name:

Project Number: 42

Project number: P

Brian Dodek

bdodek@lten

12-19 + 179

By name

2001-2002

nyv.com

8





1

[illegible]

Abstract

1

1

Preservative				Matrix				Analyze For:					Special Instructions						
Sample Description	Date Sampled	Time Sampled	Number of Containers	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
500021	3/15	1325	3	X				X						X					
50004	3/15	1330	3	X				X						X					
50001	3/15	1335	3	X				X						X					
Relinquished by: 	Date/Time: 3/15/10 17:30	Received by:		Date/Time:		Turn Around Time (Check)			Notes:										
Relinquished by: 	Date/Time: 3/15/10	Received by:		Date/Time:		<input type="checkbox"/> Same Day <input type="checkbox"/> 24 Hours <input checked="" type="checkbox"/> 48 Hours			<input type="checkbox"/> 72 Hours <input checked="" type="checkbox"/> Standard										
Relinquished by: 	Date/Time: 3/15/10	Received in Lab by: 		Date/Time: 3/15/10		Sample Integrity:			Temperature Upon Receipt: 44										
									Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>										

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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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/22/10 15:14

SOURCE1
R003093-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/15/10 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0031807	03/18/10	03/19/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **03/15/10 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70.4-127		"	"	"	"	
Surrogate: Toluene-d8		99.1 %	85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/22/10 15:14

SW04
R003093-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/15/10 13:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0031807	03/18/10	03/19/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **03/15/10 13:30**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		93.5 %		70.4-127		"	"	"	"	
Surrogate: Toluene-d8		101 %		85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.2 %		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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/22/10 15:14

SW01
R003093-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **03/15/10 13:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0031807	03/18/10	03/19/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **03/15/10 13:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		91.0 %		70.4-127		"	"	"	"	
Surrogate: Toluene-d8		100 %		85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.0 %		83.9-116		"	"	"	"	

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/22/10 15:14

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 0031807 - EPA 5030 Water MS

Blank (0031807-BLK1)

Prepared: 03/18/10 Analyzed: 03/19/10

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	13.0		"	13.3		97.6	70.4-127			
Surrogate: Toluene-d8	13.3		"	13.3		99.8	85.7-111			
Surrogate: 4-Bromofluorobenzene	13.1		"	13.3		98.3	83.9-116			

LCS (0031807-BS1)

Prepared: 03/18/10 Analyzed: 03/19/10

Benzene	36.0	1.0	ug/l	33.3		108	64.2-127		10.9	
Toluene	36.8	1.0	"	33.3		110	66.4-125		11.3	
Ethylbenzene	32.1	1.0	"	33.3		96.4	70-130		20	
m,p-Xylene	69.5	2.0	"	66.7		104	70-130		20	
o-Xylene	30.0	1.0	"	33.3		90.1	70-130		20	
Surrogate: 1,2-Dichloroethane-d4	13.9		"	13.3		104	70.4-127			
Surrogate: Toluene-d8	13.8		"	13.3		104	85.7-111			
Surrogate: 4-Bromofluorobenzene	13.1		"	13.3		98.3	83.9-116			

LCS Dup (0031807-BSD1)

Prepared: 03/18/10 Analyzed: 03/19/10

Benzene	36.5	1.0	ug/l	33.3		110	64.2-127	1.30	10.9	
Toluene	37.3	1.0	"	33.3		112	66.4-125	1.38	11.3	
Ethylbenzene	32.6	1.0	"	33.3		97.7	70-130	1.27	20	
m,p-Xylene	70.5	2.0	"	66.7		106	70-130	1.39	20	
o-Xylene	30.4	1.0	"	33.3		91.2	70-130	1.29	20	
Surrogate: 1,2-Dichloroethane-d4	13.4		"	13.3		101	70.4-127			
Surrogate: Toluene-d8	13.8		"	13.3		103	85.7-111			
Surrogate: 4-Bromofluorobenzene	12.9		"	13.3		97.0	83.9-116			

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/22/10 15:14

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 0031807 - EPA 5030 Water MS

Matrix Spike (0031807-MS1)		Source: R003092-01			Prepared: 03/18/10		Analyzed: 03/19/10			
Benzene	33.5	1.0	ug/l	33.3	ND	101	57.4-127		19.3	
Toluene	34.3	1.0	"	33.3	ND	103	60.1-123		18.7	
Ethylbenzene	30.8	1.0	"	33.3	ND	92.5	70-130		20	
m,p-Xylene	66.7	2.0	"	66.7	ND	100	70-130		20	
o-Xylene	29.1	1.0	"	33.3	ND	87.3	70-130		20	
Surrogate: 1,2-Dichloroethane-d4	13.4		"	13.3		100	70.4-127			
Surrogate: Toluene-d8	13.6		"	13.3		102	85.7-111			
Surrogate: 4-Bromofluorobenzene	13.5		"	13.3		101	83.9-116			
Matrix Spike Dup (0031807-MSD1)		Source: R003092-01			Prepared: 03/18/10		Analyzed: 03/19/10			
Benzene	37.1	1.0	ug/l	33.3	ND	111	57.4-127	10.0	19.3	
Toluene	37.3	1.0	"	33.3	ND	112	60.1-123	8.30	18.7	
Ethylbenzene	32.1	1.0	"	33.3	ND	96.4	70-130	4.19	20	
m,p-Xylene	70.5	2.0	"	66.7	ND	106	70-130	5.48	20	
o-Xylene	30.6	1.0	"	33.3	ND	91.8	70-130	5.03	20	
Surrogate: 1,2-Dichloroethane-d4	13.0		"	13.3		97.9	70.4-127			
Surrogate: Toluene-d8	13.6		"	13.3		102	85.7-111			
Surrogate: 4-Bromofluorobenzene	13.0		"	13.3		97.1	83.9-116			

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
03/22/10 15:14

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

June 08, 2010

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 04/05/10 16:00. 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 - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
06/08/10 10:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS11	R004027-01	Soil	04/05/10 13:05	04/05/10 16:00
SS12	R004027-02	Soil	04/05/10 13:20	04/05/10 16:00
SS13	R004027-03	Soil	04/05/10 13:35	04/05/10 16:00
SS14	R004027-04	Soil	04/05/10 13:40	04/05/10 16:00

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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 - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
06/08/10 10:39

Summit Scientific 7004027

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

City/State/Zip: _____
Phone: (303) 433-9788

Sampler Name: Devin Girtin

Project Manager: Brian Dodek

E-Mail: bdodek@iltenv.comProject Name: Heldt 12-18

Project Number: PDC10005,05

Preservative						Matrix		Analyze For:											
Sample Description	Date Sampled	Time Sampled	Number of Containers	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	Special Instructions
SS1	4-5-10	1305	2			X			X			X	X						
SS2		1320																	
SS3		1335																	
SS4	↓	1340	↓			↓			↓			↓	↓						
Relinquished by: Dawn Justice 4-5-10 LGS				Received by:		Date/Time:	Turn Around Time (Check) Same Day <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> 72 Hours Standard <input type="checkbox"/>		Notes:										
Relinquished by:				Received by:		Date/Time:													
Relinquished by:				Received by:		Date/Time:			Sample Integrity: Temperature Upon Receipt: 45° Intact: Yes No										

www.s2scientific.com

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
06/08/10 10:39

SS11
R004027-01 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **04/05/10 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	0040503	04/05/10	04/05/10	8015 DRO	

Date Sampled: **04/05/10 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		106 %	88.8-124		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/05/10 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.0050	0.0050	mg/kg	1	0040502	04/05/10	04/05/10	EPA 8260B	
Toluene	0.0089	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.016	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.15	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	11	0.50	"	"	"	"	"	"	

Date Sampled: **04/05/10 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		80.0 %	74-135		"	"	"	"	
Surrogate: Toluene-d8		89.7 %	84.3-112		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.8 %	79.6-120		"	"	"	"	

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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 - Heldt 12-18
Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
06/08/10 10:39

SS12
R004027-02 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **04/05/10 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	0040503	04/05/10	04/05/10	8015 DRO	

Date Sampled: **04/05/10 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		101 %	88.8-124		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/05/10 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	0040502	04/05/10	04/05/10	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.86	0.50	"	"	"	"	"	"	

Date Sampled: **04/05/10 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		83.8 %	74-135		"	"	"	"	
Surrogate: Toluene-d8		89.7 %	84.3-112		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.8 %	79.6-120		"	"	"	"	

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
06/08/10 10:39

SS13
R004027-03 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **04/05/10 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	0040503	04/05/10	04/05/10	8015 DRO	

Date Sampled: **04/05/10 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl		105 %	88.8-124		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/05/10 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	0040502	04/05/10	04/05/10	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/05/10 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		83.9 %	74-135		"	"	"	"	
Surrogate: Toluene-d8		89.8 %	84.3-112		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.8 %	79.6-120		"	"	"	"	

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
06/08/10 10:39

SS14
R004027-04 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **04/05/10 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	0040503	04/05/10	04/05/10	8015 DRO	

Date Sampled: **04/05/10 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		98.0 %	88.8-124		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/05/10 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	0040502	04/05/10	04/05/10	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/05/10 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		92.0 %	74-135		"	"	"	"	
Surrogate: Toluene-d8		90.4 %	84.3-112		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.2 %	79.6-120		"	"	"	"	

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

Project: PDC - Heldt 12-18
Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
06/08/10 10:39

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 0040503 - EPA 3550A

Blank (0040503-BLK1)

Prepared: 04/05/10 Analyzed: 04/06/10

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 14.0 " 12.5 112 88.8-124

LCS (0040503-BS1)

Prepared & Analyzed: 04/05/10

C10-C28 (DRO) 448 50 mg/kg 500 89.7 81.4-129 9.26

LCS Dup (0040503-BSD1)

Prepared: 04/05/10 Analyzed: 04/06/10

C10-C28 (DRO) 476 50 mg/kg 500 95.2 81.4-129 6.02 9.26

Matrix Spike (0040503-MS1)

Source: R004027-01

Prepared: 04/05/10 Analyzed: 04/06/10

C10-C28 (DRO) 458 50 mg/kg 500 ND 91.6 77.8-133 8.48

Matrix Spike Dup (0040503-MSD1)

Source: R004027-01

Prepared: 04/05/10 Analyzed: 04/06/10

C10-C28 (DRO) 462 50 mg/kg 500 ND 92.4 77.8-133 0.866 8.48

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

Project: PDC - Heldt 12-18
Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
06/08/10 10:39

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 0040502 - EPA 5030 Soil MS

Blank (0040502-BLK1)

Prepared: 04/05/10 Analyzed: 04/06/10

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	0.0326		"	0.0400		81.5	74-135			
Surrogate: Toluene-d8	0.0362		"	0.0400		90.4	84.3-112			
Surrogate: 4-Bromofluorobenzene	0.0375		"	0.0400		93.8	79.6-120			

LCS (0040502-BS1)

Prepared & Analyzed: 04/05/10

Benzene	0.0887	0.0050	mg/kg	0.100		88.7	70.2-125		11.1	
Toluene	0.0882	0.0050	"	0.100		88.2	74-123		10.9	
Ethylbenzene	0.0913	0.0050	"	0.100		91.3	70-130		20	
m,p-Xylene	0.184	0.010	"	0.200		92.2	70-130		20	
o-Xylene	0.0880	0.0050	"	0.100		88.0	70-130		20	
Surrogate: 1,2-Dichloroethane-d4	0.0337		"	0.0400		84.2	74-135			
Surrogate: Toluene-d8	0.0375		"	0.0400		93.7	84.3-112			
Surrogate: 4-Bromofluorobenzene	0.0345		"	0.0400		86.2	79.6-120			

LCS Dup (0040502-BS1)

Prepared & Analyzed: 04/05/10

Benzene	0.0896	0.0050	mg/kg	0.100		89.6	70.2-125	1.08	11.1	
Toluene	0.0892	0.0050	"	0.100		89.2	74-123	1.15	10.9	
Ethylbenzene	0.0942	0.0050	"	0.100		94.2	70-130	3.10	20	
m,p-Xylene	0.189	0.010	"	0.200		94.6	70-130	2.59	20	
o-Xylene	0.0911	0.0050	"	0.100		91.1	70-130	3.52	20	
Surrogate: 1,2-Dichloroethane-d4	0.0344		"	0.0400		86.0	74-135			
Surrogate: Toluene-d8	0.0377		"	0.0400		94.4	84.3-112			
Surrogate: 4-Bromofluorobenzene	0.0353		"	0.0400		88.4	79.6-120			

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

Project: PDC - Heldt 12-18
Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
06/08/10 10:39

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 0040502 - EPA 5030 Soil MS

Matrix Spike (0040502-MS1)		Source: R004027-03			Prepared: 04/05/10		Analyzed: 04/06/10			
Benzene	0.0772	0.0050	mg/kg	0.100	ND	77.2	67.1-125		17.9	
Toluene	0.0798	0.0050	"	0.100	ND	79.8	68.6-124		11.9	
Ethylbenzene	0.0859	0.0050	"	0.100	ND	85.9	70-130		20	
m,p-Xylene	0.209	0.010	"	0.200	ND	105	70-130		20	
o-Xylene	0.108	0.0050	"	0.100	ND	108	70-130		20	
Surrogate: 1,2-Dichloroethane-d4	0.0369		"	0.0400		92.2	74-135			
Surrogate: Toluene-d8	0.0358		"	0.0400		89.6	84.3-112			
Surrogate: 4-Bromofluorobenzene	0.0390		"	0.0400		97.6	79.6-120			

Matrix Spike Dup (0040502-MSD1)		Source: R004027-03			Prepared: 04/05/10		Analyzed: 04/06/10			
Benzene	0.0789	0.0050	mg/kg	0.100	ND	78.9	67.1-125	2.11	17.9	
Toluene	0.0849	0.0050	"	0.100	ND	84.9	68.6-124	6.12	11.9	
Ethylbenzene	0.0873	0.0050	"	0.100	ND	87.3	70-130	1.70	20	
m,p-Xylene	0.217	0.010	"	0.200	ND	108	70-130	3.63	20	
o-Xylene	0.111	0.0050	"	0.100	ND	111	70-130	2.65	20	
Surrogate: 1,2-Dichloroethane-d4	0.0368		"	0.0400		92.1	74-135			
Surrogate: Toluene-d8	0.0369		"	0.0400		92.2	84.3-112			
Surrogate: 4-Bromofluorobenzene	0.0387		"	0.0400		96.7	79.6-120			

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 - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
06/08/10 10:39

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

June 08, 2010

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 04/08/10 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' followed by a long horizontal stroke.

Paul Shrewsbury For Ben Shrewsbury
President / Laboratory Director



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

Project: PDC - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
06/08/10 10:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS15	R004054-01	Soil	04/08/10 09:10	04/08/10 17:00
GW01S	R004054-02	Water	04/08/10 10:35	04/08/10 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 - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
06/08/10 10:42

Summit Scientific 2254054

S₂
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: Davis Girkin

Sample Name: Devik Gully

Project Manager:

E-Mail:

Project Name: H

Project Number:

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

Brian Dodek

com-bdodek.com

1000

100

[illegible]

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 - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
06/08/10 10:42

SS15
R004054-01 (Soil)

Summit Scientific

Total Petroleum Hydrocarbons by 8015

Date Sampled: **04/08/10 09:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	0040804	04/08/10	04/08/10	8015 DRO	

Date Sampled: **04/08/10 09:10**

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: **04/08/10 09:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0050	mg/kg	1	0040802	04/08/10	04/09/10	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **04/08/10 09:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		105 %	74-135		"	"	"	"	
Surrogate: Toluene-d8		96.3 %	84.3-112		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	79.6-120		"	"	"	"	

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 - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
06/08/10 10:42

GW01S
R004054-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/08/10 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	1.2	1.0	ug/l	1	0040803	04/08/10	04/09/10	EPA 8260B	
Toluene	65	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	7.5	1.0	"	"	"	"	"	"	

Date Sampled: **04/08/10 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		108 %	70.4-127		"	"	"	"	
Surrogate: Toluene-d8		96.6 %	85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	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 - Heldt 12-18
Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
06/08/10 10:42

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 0040804 - EPA 3550A

Blank (0040804-BLK1)

Prepared: 04/08/10 Analyzed: 04/09/10

C10-C28 (DRO) ND 50 mg/kg

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

LCS (0040804-BS1)

Prepared & Analyzed: 04/08/10

C10-C28 (DRO) 454 50 mg/kg 500 90.7 81.4-129 9.26

LCS Dup (0040804-BSD1)

Prepared & Analyzed: 04/08/10

C10-C28 (DRO) 457 50 mg/kg 500 91.4 81.4-129 0.720 9.26

Matrix Spike (0040804-MS1)

Source: R004052-01

Prepared: 04/08/10 Analyzed: 04/09/10

C10-C28 (DRO) 443 50 mg/kg 500 ND 88.6 77.8-133 8.48

Matrix Spike Dup (0040804-MSD1)

Source: R004052-01

Prepared: 04/08/10 Analyzed: 04/09/10

C10-C28 (DRO) 451 50 mg/kg 500 ND 90.3 77.8-133 1.92 8.48

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 - Heldt 12-18
Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
06/08/10 10:42

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 0040802 - EPA 5030 Soil MS

Blank (0040802-BLK1)

Prepared: 04/08/10 Analyzed: 04/09/10

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	0.0388		"	0.0400		96.9	74-135			
Surrogate: Toluene-d8	0.0403		"	0.0400		101	84.3-112			
Surrogate: 4-Bromofluorobenzene	0.0396		"	0.0400		98.9	79.6-120			

LCS (0040802-BS1)

Prepared: 04/08/10 Analyzed: 04/09/10

Benzene	0.0926	0.0050	mg/kg	0.100		92.6	70.2-125		11.1	
Toluene	0.0893	0.0050	"	0.100		89.3	74-123		10.9	
Ethylbenzene	0.0887	0.0050	"	0.100		88.7	70-130		20	
m,p-Xylene	0.183	0.010	"	0.200		91.7	70-130		20	
o-Xylene	0.0869	0.0050	"	0.100		86.9	70-130		20	
Surrogate: 1,2-Dichloroethane-d4	0.0409		"	0.0400		102	74-135			
Surrogate: Toluene-d8	0.0418		"	0.0400		105	84.3-112			
Surrogate: 4-Bromofluorobenzene	0.0404		"	0.0400		101	79.6-120			

LCS Dup (0040802-BSD1)

Prepared: 04/08/10 Analyzed: 04/09/10

Benzene	0.0919	0.0050	mg/kg	0.100		91.9	70.2-125	0.715	11.1	
Toluene	0.0891	0.0050	"	0.100		89.1	74-123	0.168	10.9	
Ethylbenzene	0.0881	0.0050	"	0.100		88.1	70-130	0.645	20	
m,p-Xylene	0.180	0.010	"	0.200		90.2	70-130	1.68	20	
o-Xylene	0.0858	0.0050	"	0.100		85.8	70-130	1.29	20	
Surrogate: 1,2-Dichloroethane-d4	0.0434		"	0.0400		109	74-135			
Surrogate: Toluene-d8	0.0414		"	0.0400		103	84.3-112			
Surrogate: 4-Bromofluorobenzene	0.0400		"	0.0400		100	79.6-120			

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 - Heldt 12-18
Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
06/08/10 10:42

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 0040802 - EPA 5030 Soil MS

Matrix Spike (0040802-MS1)		Source: R004052-01			Prepared: 04/08/10		Analyzed: 04/09/10			
Benzene	0.0871	0.0050	mg/kg	0.100	0.00144	85.6	67.1-125		17.9	
Toluene	0.0852	0.0050	"	0.100	ND	85.2	68.6-124		11.9	
Ethylbenzene	0.0808	0.0050	"	0.100	ND	80.8	70-130		20	
m,p-Xylene	0.167	0.010	"	0.200	ND	83.7	70-130		20	
o-Xylene	0.0815	0.0050	"	0.100	ND	81.5	70-130		20	
Surrogate: 1,2-Dichloroethane-d4	0.0463		"	0.0400		116	74-135			
Surrogate: Toluene-d8	0.0407		"	0.0400		102	84.3-112			
Surrogate: 4-Bromofluorobenzene	0.0402		"	0.0400		100	79.6-120			

Matrix Spike Dup (0040802-MSD1)		Source: R004052-01			Prepared: 04/08/10		Analyzed: 04/09/10			
Benzene	0.0833	0.0050	mg/kg	0.100	0.00144	81.9	67.1-125	4.40	17.9	
Toluene	0.0808	0.0050	"	0.100	ND	80.8	68.6-124	5.24	11.9	
Ethylbenzene	0.0814	0.0050	"	0.100	ND	81.4	70-130	0.703	20	
m,p-Xylene	0.166	0.010	"	0.200	ND	82.9	70-130	1.01	20	
o-Xylene	0.0801	0.0050	"	0.100	ND	80.1	70-130	1.82	20	
Surrogate: 1,2-Dichloroethane-d4	0.0422		"	0.0400		105	74-135			
Surrogate: Toluene-d8	0.0394		"	0.0400		98.6	84.3-112			
Surrogate: 4-Bromofluorobenzene	0.0399		"	0.0400		99.7	79.6-120			

Batch 0040803 - EPA 5030 Water MS

Blank (0040803-BLK1)					Prepared: 04/08/10		Analyzed: 04/09/10			
Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	13.8		"	13.3		104	70.4-127			
Surrogate: Toluene-d8	12.8		"	13.3		96.1	85.7-111			
Surrogate: 4-Bromofluorobenzene	14.3		"	13.3		107	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 - Heldt 12-18
Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
06/08/10 10:42

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 0040803 - EPA 5030 Water MS

LCS (0040803-BS1)

Prepared: 04/08/10 Analyzed: 04/09/10

Benzene	34.3	1.0	ug/l	33.3	103	64.2-127	10.9
Toluene	36.4	1.0	"	33.3	109	66.4-125	11.3
Ethylbenzene	38.0	1.0	"	33.3	114	70-130	20
m,p-Xylene	70.1	2.0	"	66.7	105	70-130	20
o-Xylene	34.8	1.0	"	33.3	104	70-130	20
Surrogate: 1,2-Dichloroethane-d4	14.4		"	13.3	108	70.4-127	
Surrogate: Toluene-d8	13.2		"	13.3	99.4	85.7-111	
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3	101	83.9-116	

LCS Dup (0040803-BSD1)

Prepared: 04/08/10 Analyzed: 04/09/10

Benzene	34.0	1.0	ug/l	33.3	102	64.2-127	0.849	10.9
Toluene	36.1	1.0	"	33.3	108	66.4-125	0.662	11.3
Ethylbenzene	39.0	1.0	"	33.3	117	70-130	2.44	20
m,p-Xylene	71.8	2.0	"	66.7	108	70-130	2.43	20
o-Xylene	34.5	1.0	"	33.3	104	70-130	0.606	20
Surrogate: 1,2-Dichloroethane-d4	14.4		"	13.3	108	70.4-127		
Surrogate: Toluene-d8	13.1		"	13.3	98.4	85.7-111		
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3	100	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 - Heldt 12-18

Project Number: PDC 10005.05
Project Manager: Brian Dodek

Reported:
06/08/10 10:42

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.

Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			VERSION 6.01:4032
			Default Report (not modified)

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

July 22, 2010

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 07/16/10 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 - Heldt 12-18

Project Number: PDC 10005.01
Project Manager: Brian Dodek

Reported:
07/22/10 14:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R007098-01	Water	07/16/10 12:45	07/16/10 17:00
MW02	R007098-02	Water	07/16/10 14:45	07/16/10 17:00
MW03	R007098-03	Water	07/16/10 14:25	07/16/10 17:00
MW04	R007098-04	Water	07/16/10 14:05	07/16/10 17:00
MW05	R007098-05	Water	07/16/10 13:45	07/16/10 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 - Heldt 12-18

Project Number: PDC 10005.01
Project Manager: Brian Dodek

Reported:
07/22/10 14:58

MW01
R007098-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/16/10 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0072101	07/21/10	07/21/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **07/16/10 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70.4-127		"	"	"	"	
Surrogate: Toluene-d8		98.9 %	85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	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 - Heldt 12-18
Project Number: PDC 10005.01
Project Manager: Brian Dodek

Reported:
07/22/10 14:58

MW02
R007098-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/16/10 14:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0072101	07/21/10	07/21/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **07/16/10 14:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		93.7 %		70.4-127		"	"	"	"	
Surrogate: Toluene-d8		102 %		85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %		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 - Heldt 12-18
Project Number: PDC 10005.01
Project Manager: Brian Dodek

Reported:
07/22/10 14:58

MW03
R007098-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/16/10 14:25**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0072101	07/21/10	07/21/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **07/16/10 14:25**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		92.7 %		70.4-127		"	"	"	"	
Surrogate: Toluene-d8		102 %		85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %		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 - Heldt 12-18
Project Number: PDC 10005.01
Project Manager: Brian Dodek

Reported:
07/22/10 14:58

MW04
R007098-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/16/10 14:05**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0072101	07/21/10	07/21/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **07/16/10 14:05**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		90.6 %		70.4-127		"	"	"	"	
Surrogate: Toluene-d8		100 %		85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		106 %		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 - Heldt 12-18
Project Number: PDC 10005.01
Project Manager: Brian Dodek

Reported:
07/22/10 14:58

MW05
R007098-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/16/10 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	0072101	07/21/10	07/21/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **07/16/10 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		89.9 %	70.4-127		"	"	"	"	
Surrogate: Toluene-d8		95.2 %	85.7-111		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	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 - Heldt 12-18
Project Number: PDC 10005.01
Project Manager: Brian Dodek

Reported:
07/22/10 14:58

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 0072101 - EPA 5030 Water MS

Blank (0072101-BLK1)

Prepared & Analyzed: 07/21/10

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	94.5	70.4-127				
Surrogate: Toluene-d8	13.3		"	13.3	99.6	85.7-111				
Surrogate: 4-Bromofluorobenzene	13.8		"	13.3	104	83.9-116				

LCS (0072101-BS1)

Prepared & Analyzed: 07/21/10

Benzene	37.3	1.0	ug/l	33.3	112	64.2-127			10.9	
Toluene	36.2	1.0	"	33.3	109	66.4-125			11.3	
Ethylbenzene	32.6	1.0	"	33.3	97.7	70-130			20	
m,p-Xylene	63.9	2.0	"	66.7	95.9	70-130			20	
o-Xylene	29.3	1.0	"	33.3	88.0	70-130			20	
Surrogate: 1,2-Dichloroethane-d4	13.5		"	13.3	101	70.4-127				
Surrogate: Toluene-d8	13.6		"	13.3	102	85.7-111				
Surrogate: 4-Bromofluorobenzene	13.5		"	13.3	101	83.9-116				

LCS Dup (0072101-BSD1)

Prepared & Analyzed: 07/21/10

Benzene	35.0	1.0	ug/l	33.3	105	64.2-127	6.39		10.9	
Toluene	34.1	1.0	"	33.3	102	66.4-125	6.06		11.3	
Ethylbenzene	31.0	1.0	"	33.3	93.1	70-130	4.78		20	
m,p-Xylene	61.0	2.0	"	66.7	91.5	70-130	4.66		20	
o-Xylene	28.3	1.0	"	33.3	85.0	70-130	3.54		20	
Surrogate: 1,2-Dichloroethane-d4	13.0		"	13.3	97.7	70.4-127				
Surrogate: Toluene-d8	13.9		"	13.3	104	85.7-111				
Surrogate: 4-Bromofluorobenzene	13.9		"	13.3	104	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 - Heldt 12-18
Project Number: PDC 10005.01
Project Manager: Brian Dodek

Reported:
07/22/10 14:58

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 0072101 - EPA 5030 Water MS

Matrix Spike (0072101-MS1)				Source: R007097-01		Prepared & Analyzed: 07/21/10				
Benzene	35.5	1.0	ug/l	33.3	2.63	98.5	57.4-127		19.3	
Toluene	32.2	1.0	"	33.3	ND	96.7	60.1-123		18.7	
Ethylbenzene	28.6	1.0	"	33.3	ND	86.0	70-130		20	
m,p-Xylene	56.0	2.0	"	66.7	ND	84.1	70-130		20	
o-Xylene	26.2	1.0	"	33.3	ND	78.5	70-130		20	
Surrogate: 1,2-Dichloroethane-d4	13.1		"	13.3		98.0	70.4-127			
Surrogate: Toluene-d8	13.8		"	13.3		104	85.7-111			
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3		100	83.9-116			
Matrix Spike Dup (0072101-MSD1)				Source: R007097-01		Prepared & Analyzed: 07/21/10				
Benzene	35.0	1.0	ug/l	33.3	2.63	97.2	57.4-127	1.22	19.3	
Toluene	31.8	1.0	"	33.3	ND	95.5	60.1-123	1.31	18.7	
Ethylbenzene	28.9	1.0	"	33.3	ND	86.8	70-130	0.973	20	
m,p-Xylene	56.7	2.0	"	66.7	ND	85.0	70-130	1.14	20	
o-Xylene	25.7	1.0	"	33.3	ND	77.1	70-130	1.81	20	
Surrogate: 1,2-Dichloroethane-d4	12.7		"	13.3		95.0	70.4-127			
Surrogate: Toluene-d8	13.7		"	13.3		103	85.7-111			
Surrogate: 4-Bromofluorobenzene	13.9		"	13.3		104	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 - Heldt 12-18

Project Number: PDC 10005.01
Project Manager: Brian Dodek

Reported:
07/22/10 14:58

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 20, 2010

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 10/18/10 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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
10/20/10 15:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R010111-01	Water	10/18/10 10:35	10/18/10 17:00
MW02	R010111-02	Water	10/18/10 10:40	10/18/10 17:00
MW03	R010111-03	Water	10/18/10 10:45	10/18/10 17:00
MW04	R010111-04	Water	10/18/10 10:50	10/18/10 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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
10/20/10 15:47

Summit Scientific
2010/11

S₂
741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-277-9531 Fax

Client:	L/T Environmental, Inc.	Project Manager:	Brian Dodek
Address:	4600 West 60th Avenue	E-Mail:	bdodek@ltenv.com
City/State/Zip:	Arvada, CO 80003	Project Name:	HOLD # 1278
Phone:	(303) 433-9788	Fax:	(303) 433-1432
Sampler Name:	36412	Project Number:	026035

Page / of /

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		
MW01	10/18	1035	3	X																
MW02	10/18	1040	3	X																
MW03	10/18	1045	3	X																
MW04	10/18	1050	3	X																
Relinquished by: [Signature]	Date/Time: 10/18 1700			Received by: [Signature] Date/Time: 10/18 1700						Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input type="checkbox"/> 48 Hours <input type="checkbox"/>						Notes:				
Relinquished by: [Signature]	Date/Time: 10/18 1700			Received by: [Signature] Date/Time: 10/18 1700						Sample Integrity: Temperature Upon Receipt: 50 Intact: Yes No										
Relinquished by:	Date/Time:			Received in Lab by: Date/Time:																

www.eJenScientific.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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
10/20/10 15:47

MW01
R010111-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/18/10 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	0101917	10/19/10	10/20/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **10/18/10 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		97.0 %	57.9-139		"	"	"	"	
Surrogate: Toluene-d8		88.7 %	83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.7 %	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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
10/20/10 15:47

MW02
R010111-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/18/10 10:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	0101917	10/19/10	10/20/10	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **10/18/10 10:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		98.3 %	57.9-139		"	"	"	"	
Surrogate: Toluene-d8		90.0 %	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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
10/20/10 15:47

MW03
R010111-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/18/10 10:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0101917	10/19/10	10/20/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **10/18/10 10:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		98.9 %		57.9-139		"	"	"	"	
Surrogate: Toluene-d8		88.7 %		83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.6 %		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 - Heldt 12-18
Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
10/20/10 15:47

MW04
R010111-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/18/10 10:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	0101917	10/19/10	10/20/10	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **10/18/10 10:50**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		96.8 %		57.9-139		"	"	"	"	
Surrogate: Toluene-d8		89.0 %		83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.3 %		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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
10/20/10 15:47

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 0101917 - EPA 5030 Water MS

Blank (0101917-BLK1)

Prepared: 10/19/10 Analyzed: 10/20/10

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	13.1		"	13.3		98.1	57.9-139			
Surrogate: Toluene-d8	11.8		"	13.3		88.9	83.1-115			
Surrogate: 4-Bromofluorobenzene	12.9		"	13.3		96.6	80.8-120			

LCS (0101917-BS1)

Prepared: 10/19/10 Analyzed: 10/20/10

Benzene	27.2	1.0	ug/l	33.3		81.5	60.1-131		10.9	
Toluene	24.2	1.0	"	33.3		72.6	65.9-127		11.3	
Ethylbenzene	33.2	1.0	"	33.3		99.7	65.1-129		20	
m,p-Xylene	62.9	2.0	"	66.7		94.4	66.8-127		20	
o-Xylene	29.2	1.0	"	33.3		87.7	61.2-120		20	
Surrogate: 1,2-Dichloroethane-d4	13.7		"	13.3		103	57.9-139			
Surrogate: Toluene-d8	12.4		"	13.3		92.6	83.1-115			
Surrogate: 4-Bromofluorobenzene	12.4		"	13.3		93.0	80.8-120			

LCS Dup (0101917-BSD1)

Prepared: 10/19/10 Analyzed: 10/20/10

Benzene	27.0	1.0	ug/l	33.3		80.9	60.1-131	0.850	10.9	
Toluene	24.5	1.0	"	33.3		73.5	65.9-127	1.19	11.3	
Ethylbenzene	32.8	1.0	"	33.3		98.4	65.1-129	1.27	20	
m,p-Xylene	62.4	2.0	"	66.7		93.6	66.8-127	0.814	20	
o-Xylene	29.8	1.0	"	33.3		89.3	61.2-120	1.83	20	
Surrogate: 1,2-Dichloroethane-d4	13.4		"	13.3		101	57.9-139			
Surrogate: Toluene-d8	12.3		"	13.3		92.3	83.1-115			
Surrogate: 4-Bromofluorobenzene	12.3		"	13.3		92.0	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 - Heldt 12-18
Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
10/20/10 15:47

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 0101917 - EPA 5030 Water MS

Matrix Spike (0101917-MS1)		Source: R010111-01			Prepared: 10/19/10		Analyzed: 10/20/10			
Benzene	27.1	1.0	ug/l	33.3	ND	81.4	52.7-130		19.3	
Toluene	24.4	1.0	"	33.3	ND	73.2	57-127		18.7	
Ethylbenzene	32.8	1.0	"	33.3	ND	98.5	59.2-127		20	
m,p-Xylene	61.4	2.0	"	66.7	1.23	90.3	53.2-132		20	
o-Xylene	28.7	1.0	"	33.3	ND	86.1	56.3-117		20	
Surrogate: 1,2-Dichloroethane-d4	13.7		"	13.3		103	57.9-139			
Surrogate: Toluene-d8	12.4		"	13.3		93.2	83.1-115			
Surrogate: 4-Bromofluorobenzene	12.7		"	13.3		95.1	80.8-120			
Matrix Spike Dup (0101917-MSD1)		Source: R010111-01			Prepared: 10/19/10		Analyzed: 10/20/10			
Benzene	25.3	1.0	ug/l	33.3	ND	75.9	52.7-130	7.06	19.3	
Toluene	22.4	1.0	"	33.3	ND	67.1	57-127	8.77	18.7	
Ethylbenzene	30.6	1.0	"	33.3	ND	92.0	59.2-127	6.87	20	
m,p-Xylene	57.5	2.0	"	66.7	1.23	84.4	53.2-132	6.59	20	
o-Xylene	28.0	1.0	"	33.3	ND	83.9	56.3-117	2.51	20	
Surrogate: 1,2-Dichloroethane-d4	13.6		"	13.3		102	57.9-139			
Surrogate: Toluene-d8	12.2		"	13.3		91.1	83.1-115			
Surrogate: 4-Bromofluorobenzene	12.3		"	13.3		92.4	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 - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
10/20/10 15:47

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

January 12, 2011

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 01/06/11 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' followed by a long horizontal stroke.

Paul Shrewsbury For Ben Shrewsbury
President / Laboratory Director



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

Project: PDC - Heldt 12-18

Project Number: PDC 10008
Project Manager: Brian Dodek

Reported:
01/12/11 15:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R101029-01	Water	01/06/11 11:30	01/06/11 17:00
MW02	R101029-02	Water	01/06/11 11:35	01/06/11 17:00
MW03	R101029-03	Water	01/06/11 11:40	01/06/11 17:00
MW04	R101029-04	Water	01/06/11 11:45	01/06/11 17:00
MW05	R101029-05	Water	01/06/11 11:50	01/06/11 17:00

Summit Scientific

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

Project: PDC - Heldt 12-18

Project Number: PDC 10008
Project Manager: Brian Dodek

Reported:
01/12/11 15:09

Summit Scientific 701029

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
Project Name:	Heldt 12-18
Project Number:	PX 10008
Project Manager:	Dedeck
E-Mail:	dodedeck@ltenv.com

Page / of

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)				
MW01	1/6	1130	3	X				X							
MW02	1/6	1135	3	X				X							
MW03	1/6	1140	3	X				X							
MW021	1/6	1145	3	X				X							
MW05	1/6	1150	3	X				X							
Relinquished by: [Signature]	Date/Time: 1/6/11					Received by: JLG	Date/Time: 1-6-11	Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input type="checkbox"/> 48 Hours <input type="checkbox"/>				Notes:			
Relinquished by: [Signature]	Date/Time: 1/6/11					Received by: [Signature]	Date/Time: 1-6-11	Sample Integrity: Temperature Upon Receipt: 5.2 Intact: Yes No							
Relinquished by:	Date/Time:					Received in Lab by:	Date/Time:								

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

Project: PDC - Heldt 12-18

Project Number: PDC 10008
Project Manager: Brian Dodek

Reported:
01/12/11 15:09

MW01
R101029-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/06/11 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	1011001	01/10/11	01/11/11	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **01/06/11 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		113 %	57.9-139		"	"	"	"	
Surrogate: Toluene-d8		99.5 %	83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.7 %	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 - Heldt 12-18
Project Number: PDC 10008
Project Manager: Brian Dodek

Reported:
01/12/11 15:09

MW02
R101029-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/06/11 11:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	1011001	01/10/11	01/11/11	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **01/06/11 11:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		107 %	57.9-139		"	"	"	"	
Surrogate: Toluene-d8		92.4 %	83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.2 %	80.8-120		"	"	"	"	

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

Project: PDC - Heldt 12-18
Project Number: PDC 10008
Project Manager: Brian Dodek

Reported:
01/12/11 15:09

MW03
R101029-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/06/11 11:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	1011001	01/10/11	01/11/11	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **01/06/11 11:40**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		106 %		57.9-139		"	"	"	"	
Surrogate: Toluene-d8		94.9 %		83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %		80.8-120		"	"	"	"	

Summit Scientific

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

Project: PDC - Heldt 12-18

Project Number: PDC 10008
Project Manager: Brian Dodek

Reported:
01/12/11 15:09

MW04
R101029-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/06/11 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	1011001	01/10/11	01/11/11	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **01/06/11 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		106 %	57.9-139		"	"	"	"	
Surrogate: Toluene-d8		94.7 %	83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.8 %	80.8-120		"	"	"	"	

Summit Scientific

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

Project: PDC - Heldt 12-18

Project Number: PDC 10008
Project Manager: Brian Dodek

Reported:
01/12/11 15:09

MW05
R101029-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **01/06/11 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	1011001	01/10/11	01/11/11	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **01/06/11 11:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		104 %	57.9-139		"	"	"	"	
Surrogate: Toluene-d8		92.9 %	83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.9 %	80.8-120		"	"	"	"	

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

Project: PDC - Heldt 12-18

Project Number: PDC 10008
Project Manager: Brian Dodek

Reported:
01/12/11 15:09

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 1011001 - EPA 5030 Water MS

Blank (1011001-BLK1)

Prepared & Analyzed: 01/10/11

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	57.9-139				
Surrogate: Toluene-d8	12.3		"	13.3	92.0	83.1-115				
Surrogate: 4-Bromofluorobenzene	12.8		"	13.3	95.6	80.8-120				

LCS (1011001-BS1)

Prepared & Analyzed: 01/10/11

Benzene	28.9	1.0	ug/l	33.3	86.8	60.1-131		10.9		
Toluene	29.7	1.0	"	33.3	89.0	65.9-127		11.3		
Ethylbenzene	28.6	1.0	"	33.3	85.9	65.1-129		20		
m,p-Xylene	57.4	2.0	"	66.7	86.1	66.8-127		20		
o-Xylene	29.7	1.0	"	33.3	89.0	61.2-120		20		
Surrogate: 1,2-Dichloroethane-d4	14.8		"	13.3	111	57.9-139				
Surrogate: Toluene-d8	13.1		"	13.3	98.6	83.1-115				
Surrogate: 4-Bromofluorobenzene	12.8		"	13.3	96.3	80.8-120				

LCS Dup (1011001-BSD1)

Prepared & Analyzed: 01/10/11

Benzene	29.0	1.0	ug/l	33.3	87.0	60.1-131	0.242	10.9		
Toluene	29.1	1.0	"	33.3	87.2	65.9-127	2.08	11.3		
Ethylbenzene	29.5	1.0	"	33.3	88.4	65.1-129	2.86	20		
m,p-Xylene	59.1	2.0	"	66.7	88.6	66.8-127	2.89	20		
o-Xylene	30.5	1.0	"	33.3	91.5	61.2-120	2.76	20		
Surrogate: 1,2-Dichloroethane-d4	14.2		"	13.3	106	57.9-139				
Surrogate: Toluene-d8	12.5		"	13.3	93.5	83.1-115				
Surrogate: 4-Bromofluorobenzene	12.9		"	13.3	97.0	80.8-120				

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

Project: PDC - Heldt 12-18
Project Number: PDC 10008
Project Manager: Brian Dodek

Reported:
01/12/11 15:09

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 1011001 - EPA 5030 Water MS

Matrix Spike (1011001-MS1)		Source: R101020-04			Prepared & Analyzed: 01/10/11					
Benzene	29.4	1.0	ug/l	33.3	ND	88.4	52.7-130		19.3	
Toluene	29.6	1.0	"	33.3	ND	88.9	57-127		18.7	
Ethylbenzene	28.8	1.0	"	33.3	ND	86.5	59.2-127		20	
m,p-Xylene	58.7	2.0	"	66.7	ND	88.1	53.2-132		20	
o-Xylene	29.9	1.0	"	33.3	ND	89.8	56.3-117		20	
Surrogate: 1,2-Dichloroethane-d4	14.3		"	13.3		107	57.9-139			
Surrogate: Toluene-d8	12.4		"	13.3		93.2	83.1-115			
Surrogate: 4-Bromofluorobenzene	12.2		"	13.3		91.1	80.8-120			
Matrix Spike Dup (1011001-MSD1)		Source: R101020-04			Prepared & Analyzed: 01/10/11					
Benzene	30.1	1.0	ug/l	33.3	ND	90.3	52.7-130	2.22	19.3	
Toluene	30.8	1.0	"	33.3	ND	92.3	57-127	3.77	18.7	
Ethylbenzene	29.9	1.0	"	33.3	ND	89.8	59.2-127	3.78	20	
m,p-Xylene	60.2	2.0	"	66.7	ND	90.3	53.2-132	2.52	20	
o-Xylene	30.4	1.0	"	33.3	ND	91.1	56.3-117	1.43	20	
Surrogate: 1,2-Dichloroethane-d4	14.4		"	13.3		108	57.9-139			
Surrogate: Toluene-d8	13.0		"	13.3		97.2	83.1-115			
Surrogate: 4-Bromofluorobenzene	12.7		"	13.3		95.3	80.8-120			

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

Project: PDC - Heldt 12-18

Project Number: PDC 10008
Project Manager: Brian Dodek

Reported:
01/12/11 15:09

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

April 25, 2011

Brian Dodek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003
RE: PDC - Heldt 12-18

Enclosed are the results of analyses for samples received by Summit Scientific on 04/21/11 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' followed by a long, sweeping horizontal line.

Paul Shrewsbury For Ben Shrewsbury
President / Laboratory Director



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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
04/25/11 20:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	R104128-01	Water	04/21/11 10:15	04/21/11 17:00
MW02	R104128-02	Water	04/21/11 10:20	04/21/11 17:00
MW03	R104128-03	Water	04/21/11 10:25	04/21/11 17:00
MW04	R104128-04	Water	04/21/11 10:30	04/21/11 17:00
MW05	R104128-05	Water	04/21/11 10:35	04/21/11 17:00

Summit Scientific

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
04/25/11 20:20

R104128

Summit Scientific

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: Y. L.

Sample Name: 26096

Project Manager: Brian Dodek

E-Mail: bdodek@ltenv.comProject Name: H₂O₂ + 17-18

Project Number:	1251000
Project Name:	1251000

5007272

[illegible]

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
04/25/11 20:20

MW01
R104128-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/21/11 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	1042203	04/22/11	04/24/11	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **04/21/11 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		95.8 %	57.9-139		"	"	"	"	
Surrogate: Toluene-d8		100 %	83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.6 %	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 - Heldt 12-18
Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
04/25/11 20:20

MW02
R104128-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/21/11 10:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	1042203	04/22/11	04/24/11	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **04/21/11 10:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		95.2 %		57.9-139		"	"	"	"	
Surrogate: Toluene-d8		99.6 %		83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.2 %		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 - Heldt 12-18
Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
04/25/11 20:20

MW03
R104128-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/21/11 10:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	1.0	ug/l	1	1042203	04/22/11	04/24/11	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **04/21/11 10:25**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		95.4 %	57.9-139		"	"	"	"	
Surrogate: Toluene-d8		98.4 %	83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.4 %	80.8-120		"	"	"	"	

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

Project: PDC - Heldt 12-18
Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
04/25/11 20:20

MW04
R104128-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/21/11 10:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	1042203	04/22/11	04/24/11	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **04/21/11 10:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		93.1 %	57.9-139		"	"	"	"	
Surrogate: Toluene-d8		96.2 %	83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.4 %	80.8-120		"	"	"	"	

Summit Scientific

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

Project: PDC - Heldt 12-18
Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
04/25/11 20:20

MW05
R104128-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/21/11 10:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	1042203	04/22/11	04/24/11	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	1.0		"	"	"	"	"	"	

Date Sampled: **04/21/11 10:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		94.5 %		57.9-139		"	"	"	"	
Surrogate: Toluene-d8		97.3 %		83.1-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.3 %		80.8-120		"	"	"	"	

Summit Scientific

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
04/25/11 20:20

Volatile Organic Compounds by EPA Method 8260B - Quality Control

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

Batch 1042203 - EPA 5030 Water MS

Blank (1042203-BLK1)

Prepared: 04/22/11 Analyzed: 04/24/11

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	12.3		"	13.3		92.3	57.9-139			
Surrogate: Toluene-d8	12.8		"	13.3		96.2	83.1-115			
Surrogate: 4-Bromofluorobenzene	12.3		"	13.3		92.3	80.8-120			

LCS (1042203-BS1)

Prepared: 04/22/11 Analyzed: 04/24/11

Benzene	30.8	1.0	ug/l	33.3		92.4	60.1-131		10.9	
Toluene	31.3	1.0	"	33.3		93.9	65.9-127		11.3	
Ethylbenzene	32.4	1.0	"	33.3		97.2	65.1-129		20	
m,p-Xylene	61.2	2.0	"	66.7		91.7	66.8-127		20	
o-Xylene	31.6	1.0	"	33.3		94.7	61.2-120		20	
Surrogate: 1,2-Dichloroethane-d4	13.2		"	13.3		99.1	57.9-139			
Surrogate: Toluene-d8	13.6		"	13.3		102	83.1-115			
Surrogate: 4-Bromofluorobenzene	12.0		"	13.3		90.0	80.8-120			

LCS Dup (1042203-BSD1)

Prepared: 04/22/11 Analyzed: 04/24/11

Benzene	28.7	1.0	ug/l	33.3		86.0	60.1-131	7.13	10.9	
Toluene	29.1	1.0	"	33.3		87.4	65.9-127	7.18	11.3	
Ethylbenzene	31.9	1.0	"	33.3		95.6	65.1-129	1.65	20	
m,p-Xylene	59.7	2.0	"	66.7		89.5	66.8-127	2.45	20	
o-Xylene	30.9	1.0	"	33.3		92.8	61.2-120	2.05	20	
Surrogate: 1,2-Dichloroethane-d4	12.9		"	13.3		96.7	57.9-139			
Surrogate: Toluene-d8	13.3		"	13.3		99.7	83.1-115			
Surrogate: 4-Bromofluorobenzene	12.1		"	13.3		91.0	80.8-120			

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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 - Heldt 12-18
Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
04/25/11 20:20

Volatile Organic Compounds by EPA Method 8260B - Quality Control
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Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 1042203 - EPA 5030 Water MS

Matrix Spike (1042203-MS1)		Source: R104126-01			Prepared: 04/22/11		Analyzed: 04/24/11			
Benzene	29.2	1.0	ug/l	33.3	ND	87.6	52.7-130		19.3	
Toluene	30.0	1.0	"	33.3	ND	90.1	57-127		18.7	
Ethylbenzene	31.9	1.0	"	33.3	ND	95.8	59.2-127		20	
m,p-Xylene	59.8	2.0	"	66.7	ND	89.7	53.2-132		20	
o-Xylene	31.2	1.0	"	33.3	ND	93.6	56.3-117		20	
Surrogate: 1,2-Dichloroethane-d4	13.0		"	13.3		97.7	57.9-139			
Surrogate: Toluene-d8	13.5		"	13.3		101	83.1-115			
Surrogate: 4-Bromofluorobenzene	12.2		"	13.3		91.4	80.8-120			
Matrix Spike Dup (1042203-MSD1)		Source: R104126-01			Prepared: 04/22/11		Analyzed: 04/24/11			
Benzene	28.6	1.0	ug/l	33.3	ND	85.8	52.7-130	2.01	19.3	
Toluene	28.9	1.0	"	33.3	ND	86.6	57-127	3.90	18.7	
Ethylbenzene	31.4	1.0	"	33.3	ND	94.2	59.2-127	1.61	20	
m,p-Xylene	58.8	2.0	"	66.7	ND	88.1	53.2-132	1.77	20	
o-Xylene	30.2	1.0	"	33.3	ND	90.7	56.3-117	3.19	20	
Surrogate: 1,2-Dichloroethane-d4	13.2		"	13.3		99.2	57.9-139			
Surrogate: Toluene-d8	13.1		"	13.3		98.3	83.1-115			
Surrogate: 4-Bromofluorobenzene	11.8		"	13.3		88.9	80.8-120			

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

Project: PDC - Heldt 12-18

Project Number: PDC 10005
Project Manager: Brian Dodek

Reported:
04/25/11 20:20

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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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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