

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 13, 2018

Jeremy Pike

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: Price Degenhart 1

Enclosed are the results of analyses for samples received by Summit Scientific on 08/24/18 16:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Shrewsbury', with a stylized, cursive script.

Paul Shrewsbury For Ben Shrewsbury

Laboratory Manager



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

Project: Price Degenhart 1

Project Number: [none]
Project Manager: Jeremy Pike

Reported:
09/13/18 10:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Tank #2@1'	1808319-01	Soil	08/24/18 12:00	08/24/18 16:20
Tank #3@3.5'	1808319-02	Soil	08/24/18 11:45	08/24/18 16:20
Tank #2@4'	1808319-04	Soil	08/24/18 12:20	08/24/18 16:20

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.

1808319

741 Corporate Circle Suite 1 ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Client: LT Environmental, Inc.
Address: 4600 W. 60th Ave.
City/State/Zip: Arvada, Colorado 80003
Phone: 303-433-9788 Fax:
Sampler Name: B. Finn

Project Manager: Jeremy Pike
E-Mail: jpike@tenv.com
Project Name: Price Degenhart 1
Project Number:

Page 1 of 1[illegible]

Sample Receipt Checklist

S2 Work Order: 1808319

Client: 64

Client Project ID: Price Degenhart 1

Shipped Via: Hand

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Airbill #: _____

Matrix (check all that apply):

☐ Air

☒ Soil/Solid

☐ Water

☐ Other: _____

(Describe)

Temp (°C)

2.6

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ?				
NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun.	<input checked="" type="checkbox"/>			
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are samples with holding times due within 48 hours sample due within 48 hours present?			<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.

MC
Custodian Printed Name or Initials

MC
Signature or Initials of Custodian

8/24/18
Date/Time



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

Project: Price Degenhart 1

Project Number: [none]
Project Manager: Jeremy Pike

Reported:
09/13/18 10:54

Tank #2@1'
1808319-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/24/18 12:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	9700	50		mg/kg	1	1808313	08/27/18	08/28/18	EPA 8015M	
C28-C36 (ORO)	3500	50		"	"	"	"	"	"	

Date Sampled: **08/24/18 12:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl		300 %		30-150		"	"	"	"	S-02

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4600 West 60th Avenue
Arvada CO, 80003

Project: Price Degenhart 1

Project Number: [none]

Project Manager: Jeremy Pike

Reported:
09/13/18 10:54

Tank #3@3.5'
1808319-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/24/18 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1808313	08/27/18	08/28/18	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **08/24/18 11:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		101 %	30-150		"	"	"	"	

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Project: Price Degenhart 1

Project Number: [none]

Project Manager: Jeremy Pike

Reported:
09/13/18 10:54

Tank #2@4'
1808319-04 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **08/24/18 12:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	53	50		mg/kg	1	1809023	09/05/18	09/06/18	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	1808313	08/27/18	08/28/18	"	

Date Sampled: **08/24/18 12:20**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl		98.6 %		30-150		1809023	09/05/18	09/06/18	"	

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Reported:
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Extractable 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 1808313 - EPA 3550A

Blank (1808313-BLK1)

Prepared: 08/27/18 Analyzed: 08/28/18

C10-C28 (DRO) ND 50 mg/kg

LCS (1808313-BS1)

Prepared: 08/27/18 Analyzed: 08/28/18

C10-C28 (DRO) 478 50 mg/kg 500 95.6 70-130

Matrix Spike (1808313-MS1)

Source: 1808319-01

Prepared: 08/27/18 Analyzed: 08/28/18

C10-C28 (DRO) 9930 50 mg/kg 500 9660 53.5 70-130 QM-07

Matrix Spike Dup (1808313-MSD1)

Source: 1808319-01

Prepared: 08/27/18 Analyzed: 08/28/18

C10-C28 (DRO) 10900 50 mg/kg 500 9660 239 70-130 8.92 20 QM-07

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Notes and Definitions

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

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