

# Summit Scientific

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4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 14, 2019

Jeremy Pike

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: Critter Creek 9-15H

Work Order # 1905078

Enclosed are the results of analyses for samples received by Summit Scientific on 05/07/19 14:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading "Muri Premier", is displayed on a light purple rectangular background.

Muri Premier For Ben Shrewsbury

Laboratory Manager



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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS01@0"-6"	1905078-01	Soil	05/06/19 12:55	05/07/19 14:00
SS01@18"-24"	1905078-02	Soil	05/06/19 13:05	05/07/19 14:00
SS02@0"-6"	1905078-03	Soil	05/06/19 13:12	05/07/19 14:00
SS02@18"-24"	1905078-04	Soil	05/06/19 13:10	05/07/19 14:00
SS03@0"-6"	1905078-05	Soil	05/06/19 13:15	05/07/19 14:00
SS03@18"-24"	1905078-06	Soil	05/06/19 13:15	05/07/19 14:00
SS04@0"-6"	1905078-07	Soil	05/06/19 13:30	05/07/19 14:00
SS04@18"-24"	1905078-08	Soil	05/06/19 13:32	05/07/19 14:00
SS05@0"-6"	1905078-09	Soil	05/06/19 13:20	05/07/19 14:00
SS05@18"-24"	1905078-10	Soil	05/06/19 13:25	05/07/19 14:00
SS06@0"-6"	1905078-11	Soil	05/06/19 13:35	05/07/19 14:00
SS06@18"-24"	1905078-12	Soil	05/06/19 13:40	05/07/19 14:00
SS07@0"-6"	1905078-13	Soil	05/06/19 13:42	05/07/19 14:00
SS07@18"-24"	1905078-14	Soil	05/06/19 13:45	05/07/19 14:00

Summit Scientific

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# Summit Scientific

S<sub>2</sub>

190507811

4653 Table Mountain Drive ♦ Golden, Colorado 80403

303-277-9310 ♦ 303-374-5933 (f)

Page 1 of 2

Client: LT Environmental, Inc.

Project Manager: Jeremy Pike

Address: 4600 West 60th Avenue

E-Mail: [jpike@ltenv.com](mailto:jpike@ltenv.com)

City/State/Zip: Arvada, Colorado 80003

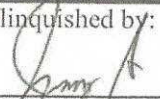
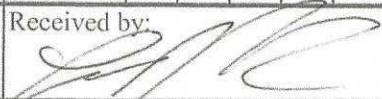
Phone: 303-433-9788

Project Name: Critter Creek 9-15H

Sampler Name: JEREMY PIKE / ALEX GUY / BEN BAUGH

Project Number: 027318130

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested						Special Instructions		
					HCl	HNO <sub>3</sub>	None	Other	Water	Soil	Air-Canister #	Other	GBTEX	TPH-DRO	EC	pH	SAR				
1	SS01@0"-6"	5/6/19	1255	1			X			X				X	X	X	X	X			
2	SS01@18"-24"		1305	1			X			X				X	X	X	X	X			
3	SS02@0"-6"		1310	1			X			X				X	X	X	X	X			
4	SS02@18"-24"		1310	1			X			X				X	X	X	X	X			
5	SS03@0"-6"		1315	1			X			X				X	X	X	X	X			
6	SS03@18"-24"		1315	1			X			X				X	X	X	X	X			
7	SS04@0"-6"		1330	1			X			X				X	X	X	X	X			
8	SS04@18"-24"		1332	1			X			X				X	X	X	X	X			
9	SS05@0"-6"		1320	1			X			X				X	X	X	X	X			
10	SS05@18"-24"	V	1325	1			X			X				X	X	X	X	X			

Relinquished by: 	Date/Time: 5/7/19 Hoo	Received by: 	Date/Time: 5.7.19 1400	<b>Turn Around Time</b> (Check) Same Day <input type="checkbox"/> 72 hours <input type="checkbox"/> 24 hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 hours <input type="checkbox"/> <b>Sample Integrity:</b> Temperature Upon Receipt: 4.5 Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No
Relinquished by:	Date/Time:	Received by:	Date/Time:	
Relinquished by:	Date/Time:	Received by:	Date/Time:	

# Summit Scientific

S<sub>2</sub>

1905078.2

4653 Table Mountain Drive ♦ Golden, Colorado 80403

303-277-9310 ♦ 303-374-5933 (f)

Page 2 of 2

Client: LT Environmental, Inc.

Project Manager: Jeremy Pike

Address: 4600 West 60th Avenue

E-Mail: [jpike@ltenv.com](mailto:jpike@ltenv.com)

City/State/Zip: Arvada, Colorado 80003

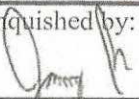

Phone: 303-433-9788

Project Name: Critter Creek 9-15H

Sampler Name: JEREMY PIKE / ALEX GUT / BEN RAUGH

Project Number: 027318130

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested						Special Instructions		
					HCl	HNO <sub>3</sub>	None	Other	Water	Soil	Air-Canister #	Other	GBTEX	TPH-DRO	EC	pH	SAR				
1	SS06@0"-6"	5/6/19	1335				x			x				x	x	x	x	x			
2	SS06@18"-24"		1340				x			x				x	x	x	x	x			
3	SS07@0"-6"		1342				x			x				x	x	x	x	x			
4	SS07@18"-24"	✓	1345				x			x				x	x	x	x	x			
5																					
6																					
7																					
8																					
9																					
10																					

Relinquished by: 	Date/Time: 5/7/19 1400	Received by: 	Date/Time: 5-7-19 1400	<b>Turn Around Time</b> (Check) Same Day <input type="checkbox"/> 72 hours <input type="checkbox"/> 24 hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/> 48 hours <input type="checkbox"/> <b>Sample Integrity:</b> Temperature Upon Receipt: 4.5 Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No
Relinquished by:	Date/Time:	Received by:	Date/Time:	
Relinquished by:	Date/Time:	Received by:	Date/Time:	



# Sample Receipt Checklist

S2 Work Order 1905078

Client: LT Environmental Client Project ID: Critter Creek 9-15H

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other P.U. - Airbill #: \_\_\_\_\_

Matrix (check all that apply):      Air   ✓   Soil/Solid      Water      Other: \_\_\_\_\_  
(Describe)

Temp (°C)	<u>4.6</u>
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Thermometer ID: 61857155-K

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

Additional Comments (if any):

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

CP  
Custodian Printed Name or Initials

[Signature]  
Signature of Custodian

5.7.19 1850  
Date/Time



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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS01@0"-6"**  
**1905078-01 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **05/06/19 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1905113	05/08/19	05/09/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/06/19 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		107 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.5 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/06/19 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	<b>880</b>	50	mg/kg	1	1905114	05/08/19	05/09/19	EPA 8015M	

Date Sampled: **05/06/19 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		92.0 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: **05/06/19 12:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	<b>3000</b>	11.0	mg/kg dry	1	1905121	05/08/19	05/09/19	EPA 6020B	
Magnesium	<b>348</b>	5.50	"	"	"	"	"	"	

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Arvada CO, 80003

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS01@0"-6"**  
**1905078-01 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Sodium	323	5.50	mg/kg dry	1	1905121	05/08/19	05/09/19	EPA 6020B
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**Calculated Analysis**

Date Sampled: **05/06/19 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.49	0.100	units	1	1905187	05/14/19	05/14/19	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **05/06/19 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	90.9		%	1	1905144	05/10/19	05/10/19	Calculation	
pH	8.89		pH Units	"	1905129	05/09/19	05/09/19	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: **05/06/19 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.705	0.0100	mmhos/cm	1	1905128	05/09/19	05/09/19	EPA 120.1	

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LT Environmental, Inc.  
4600 West 60th Avenue  
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Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS01@18"-24"**  
**1905078-02 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **05/06/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905113	05/08/19	05/09/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
<b>Gasoline Range Hydrocarbons</b>	<b>1.2</b>	<b>0.50</b>	"	"	"	"	"	"	

Date Sampled: **05/06/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		103 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		113 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/06/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<b>C10-C28 (DRO)</b>	<b>220</b>	<b>50</b>	<b>mg/kg</b>	<b>1</b>	<b>1905114</b>	<b>05/08/19</b>	<b>05/11/19</b>	<b>EPA 8015M</b>	

Date Sampled: **05/06/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		103 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: **05/06/19 13:05**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<b>Calcium</b>	<b>3260</b>	<b>10.9</b>	<b>mg/kg dry</b>	<b>1</b>	<b>1905121</b>	<b>05/08/19</b>	<b>05/09/19</b>	<b>EPA 6020B</b>	
<b>Magnesium</b>	<b>270</b>	<b>5.47</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	
<b>Sodium</b>	<b>271</b>	<b>5.47</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS01@18"-24"**  
**1905078-02 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: **05/06/19 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.23	0.100	units	1	1905187	05/14/19	05/14/19	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **05/06/19 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	91.3		%	1	1905144	05/10/19	05/10/19	Calculation	
pH	8.58		pH Units	"	1905129	05/09/19	05/09/19	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: **05/06/19 13:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.672	0.0100	mmhos/cm	1	1905128	05/09/19	05/09/19	EPA 120.1	

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4600 West 60th Avenue  
Arvada CO, 80003

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS02@0''-6''**  
**1905078-03 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **05/06/19 13:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1905113	05/08/19	05/09/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
<b>Gasoline Range Hydrocarbons</b>	<b>5.6</b>	0.50	"	"	"	"	"	"	

Date Sampled: **05/06/19 13:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		114 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/06/19 13:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C10-C28 (DRO)</b>	<b>1900</b>	50	mg/kg	1	1905114	05/08/19	05/09/19	EPA 8015M	

Date Sampled: **05/06/19 13:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		117 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: **05/06/19 13:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Calcium</b>	<b>2150</b>	10.7	mg/kg dry	1	1905121	05/08/19	05/09/19	EPA 6020B	
<b>Magnesium</b>	<b>278</b>	5.33	"	"	"	"	"	"	
<b>Sodium</b>	<b>306</b>	5.33	"	"	"	"	"	"	

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4600 West 60th Avenue  
Arvada CO, 80003

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS02@0"-6"**  
**1905078-03 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: **05/06/19 13:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.65	0.100	units	1	1905187	05/14/19	05/14/19	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **05/06/19 13:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	93.8		%	1	1905144	05/10/19	05/10/19	Calculation	
pH	8.70		pH Units	"	1905129	05/09/19	05/09/19	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: **05/06/19 13:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.584	0.0100	mmhos/cm	1	1905128	05/09/19	05/09/19	EPA 120.1	

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4600 West 60th Avenue  
Arvada CO, 80003

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS02@18"-24"**  
**1905078-04 (Soil)**

### Summit Scientific

#### Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/06/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1905113	05/08/19	05/09/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/06/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		107 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.0 %	21-167		"	"	"	"	

#### Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/06/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C10-C28 (DRO)</b>	<b>55</b>	50	mg/kg	1	1905114	05/08/19	05/11/19	EPA 8015M	

Date Sampled: **05/06/19 13:10**

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

#### Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **05/06/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Calcium</b>	<b>2160</b>	10.7	mg/kg dry	1	1905121	05/08/19	05/09/19	EPA 6020B	
<b>Magnesium</b>	<b>218</b>	5.37	"	"	"	"	"	"	
<b>Sodium</b>	<b>178</b>	5.37	"	"	"	"	"	"	

Summit Scientific

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS02@18"-24"**  
**1905078-04 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: **05/06/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	<b>0.977</b>	0.100	units	1	1905187	05/14/19	05/14/19	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **05/06/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	<b>93.2</b>		%	1	1905144	05/10/19	05/10/19	Calculation	
pH	<b>8.62</b>		pH Units	"	1905129	05/09/19	05/09/19	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: **05/06/19 13:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	<b>0.455</b>	0.0100	mmhos/cm	1	1905128	05/09/19	05/09/19	EPA 120.1	

Summit Scientific

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS03@0"-6"**  
**1905078-05 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **05/06/19 13:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	1905113	05/08/19	05/09/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/06/19 13:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		106 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.3 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/06/19 13:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>C10-C28 (DRO)</b>	<b>400</b>	50	mg/kg	1	1905114	05/08/19	05/09/19	EPA 8015M	

Date Sampled: **05/06/19 13:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		91.8 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: **05/06/19 13:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
<b>Calcium</b>	<b>2080</b>	10.5	mg/kg dry	1	1905121	05/08/19	05/09/19	EPA 6020B	
<b>Magnesium</b>	<b>277</b>	5.27	"	"	"	"	"	"	
<b>Sodium</b>	<b>536</b>	5.27	"	"	"	"	"	"	

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS03@0''-6''**  
**1905078-05 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: **05/06/19 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	2.93	0.100	units	1	1905187	05/14/19	05/14/19	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **05/06/19 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	94.9		%	1	1905144	05/10/19	05/10/19	Calculation	
pH	8.56		pH Units	"	1905129	05/09/19	05/09/19	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: **05/06/19 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	1.74	0.0100	mmhos/cm	1	1905128	05/09/19	05/09/19	EPA 120.1	

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS03@18"-24"**  
**1905078-06 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **05/06/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905113	05/08/19	05/09/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/06/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		107 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/06/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1905114	05/08/19	05/09/19	EPA 8015M	

Date Sampled: **05/06/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		91.8 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: **05/06/19 13:15**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Calcium	7190	11.1	mg/kg dry	1	1905121	05/08/19	05/09/19	EPA 6020B	
Magnesium	576	5.57	"	"	"	"	"	"	
Sodium	559	5.57	"	"	"	"	"	"	

Summit Scientific

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS03@18"-24"**  
**1905078-06 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: **05/06/19 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.71	0.100	units	1	1905187	05/14/19	05/14/19	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **05/06/19 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	89.7		%	1	1905144	05/10/19	05/10/19	Calculation	
pH	8.97		pH Units	"	1905129	05/09/19	05/09/19	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: **05/06/19 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.908	0.0100	mmhos/cm	1	1905128	05/09/19	05/09/19	EPA 120.1	

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS04@0''-6''**  
**1905078-07 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **05/06/19 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1905113	05/08/19	05/09/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
<b>Gasoline Range Hydrocarbons</b>	<b>28</b>	0.50	"	"	"	"	"	"	

Date Sampled: **05/06/19 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		102 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		94.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		175 %	21-167		"	"	"	"	S-02

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/06/19 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C10-C28 (DRO)</b>	<b>2300</b>	50	mg/kg	1	1905114	05/08/19	05/09/19	EPA 8015M	

Date Sampled: **05/06/19 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		130 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: **05/06/19 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Calcium</b>	<b>3350</b>	10.8	mg/kg dry	1	1905121	05/08/19	05/09/19	EPA 6020B	
<b>Magnesium</b>	<b>335</b>	5.40	"	"	"	"	"	"	
<b>Sodium</b>	<b>430</b>	5.40	"	"	"	"	"	"	

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4600 West 60th Avenue  
Arvada CO, 80003

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS04@0''-6''**  
**1905078-07 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: **05/06/19 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.90	0.100	units	1	1905187	05/14/19	05/14/19	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **05/06/19 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	92.5		%	1	1905144	05/10/19	05/10/19	Calculation	
pH	8.67		pH Units	"	1905129	05/09/19	05/09/19	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: **05/06/19 13:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.685	0.0100	mmhos/cm	1	1905128	05/09/19	05/09/19	EPA 120.1	

Summit Scientific

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4600 West 60th Avenue  
Arvada CO, 80003

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS04@18"-24"**  
**1905078-08 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **05/06/19 13:32**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905113	05/08/19	05/09/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/06/19 13:32**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		106 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.6 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/06/19 13:32**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<b>C10-C28 (DRO)</b>	<b>77</b>	50	mg/kg	1	1905114	05/08/19	05/11/19	EPA 8015M	

Date Sampled: **05/06/19 13:32**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		111 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: **05/06/19 13:32**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<b>Calcium</b>	<b>5030</b>	10.9	mg/kg dry	1	1905121	05/08/19	05/09/19	EPA 6020B	
<b>Magnesium</b>	<b>387</b>	5.47	"	"	"	"	"	"	
<b>Sodium</b>	<b>191</b>	5.47	"	"	"	"	"	"	

Summit Scientific

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS04@18"-24"**  
**1905078-08 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: **05/06/19 13:32**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	<b>0.699</b>	0.100	units	1	1905187	05/14/19	05/14/19	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **05/06/19 13:32**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	<b>91.4</b>		%	1	1905144	05/10/19	05/10/19	Calculation	
pH	<b>8.18</b>		pH Units	"	1905129	05/09/19	05/09/19	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: **05/06/19 13:32**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	<b>0.994</b>	0.0100	mmhos/cm	1	1905128	05/09/19	05/09/19	EPA 120.1	

Summit Scientific

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4600 West 60th Avenue  
Arvada CO, 80003

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS05@0''-6''**  
**1905078-09 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **05/06/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905113	05/08/19	05/09/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/06/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		101 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/06/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1905114	05/08/19	05/09/19	EPA 8015M	

Date Sampled: **05/06/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		91.4 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: **05/06/19 13:20**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Calcium	372	10.6	mg/kg dry	1	1905121	05/08/19	05/09/19	EPA 6020B	
Magnesium	173	5.31	"	"	"	"	"	"	
Sodium	307	5.31	"	"	"	"	"	"	

Summit Scientific

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4600 West 60th Avenue  
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Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS05@0''-6''**  
**1905078-09 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: **05/06/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	3.30	0.100	units	1	1905187	05/14/19	05/14/19	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **05/06/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	94.2		%	1	1905144	05/10/19	05/10/19	Calculation	
pH	9.49		pH Units	"	1905129	05/09/19	05/09/19	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: **05/06/19 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.477	0.0100	mmhos/cm	1	1905128	05/09/19	05/09/19	EPA 120.1	

Summit Scientific

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4600 West 60th Avenue  
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Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS05@18"-24"**  
**1905078-10 (Soil)**

### Summit Scientific

#### Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/06/19 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1905113	05/08/19	05/09/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
<b>Gasoline Range Hydrocarbons</b>	<b>6.9</b>	0.50	"	"	"	"	"	"	

Date Sampled: **05/06/19 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		105 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		95.9 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		115 %	21-167		"	"	"	"	

#### Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/06/19 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C10-C28 (DRO)</b>	<b>1200</b>	50	mg/kg	1	1905114	05/08/19	05/09/19	EPA 8015M	

Date Sampled: **05/06/19 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		114 %	30-150		"	"	"	"	

#### Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **05/06/19 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Calcium</b>	<b>4010</b>	11.2	mg/kg dry	1	1905121	05/08/19	05/09/19	EPA 6020B	
<b>Magnesium</b>	<b>433</b>	5.61	"	"	"	"	"	"	
<b>Sodium</b>	<b>642</b>	5.61	"	"	"	"	"	"	

Summit Scientific

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS05@18"-24"**  
**1905078-10 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: **05/06/19 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	2.57	0.100	units	1	1905187	05/14/19	05/14/19	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **05/06/19 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	89.1		%	1	1905144	05/10/19	05/10/19	Calculation	
pH	8.87		pH Units	"	1905129	05/09/19	05/09/19	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: **05/06/19 13:25**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	1.08	0.0100	mmhos/cm	1	1905128	05/09/19	05/09/19	EPA 120.1	

Summit Scientific

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS06@0"-6"**  
**1905078-11 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **05/06/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905113	05/08/19	05/09/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/06/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		102 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.7 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/06/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1905114	05/08/19	05/09/19	EPA 8015M	

Date Sampled: **05/06/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		96.8 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: **05/06/19 13:35**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Calcium	<b>2870</b>	11.9	mg/kg dry	1	1905121	05/08/19	05/09/19	EPA 6020B	
Magnesium	<b>399</b>	5.95	"	"	"	"	"	"	
Sodium	<b>538</b>	5.95	"	"	"	"	"	"	

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS06@0''-6''**  
**1905078-11 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: **05/06/19 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	2.49	0.100	units	1	1905187	05/14/19	05/14/19	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **05/06/19 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	84.1		%	1	1905144	05/10/19	05/10/19	Calculation	
pH	8.93		pH Units	"	1905129	05/09/19	05/09/19	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: **05/06/19 13:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	1.11	0.0100	mmhos/cm	1	1905128	05/09/19	05/09/19	EPA 120.1	

Summit Scientific

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS06@18"-24"**  
**1905078-12 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **05/06/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905113	05/08/19	05/09/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/06/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		99.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.4 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/06/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1905114	05/08/19	05/09/19	EPA 8015M	

Date Sampled: **05/06/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		85.9 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: **05/06/19 13:40**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Calcium	2950	11.1	mg/kg dry	1	1905121	05/08/19	05/09/19	EPA 6020B	
Magnesium	395	5.55	"	"	"	"	"	"	
Sodium	342	5.55	"	"	"	"	"	"	

Summit Scientific

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS06@18"-24"**  
**1905078-12 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: **05/06/19 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.57	0.100	units	1	1905187	05/14/19	05/14/19	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **05/06/19 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	90.0		%	1	1905144	05/10/19	05/10/19	Calculation	
pH	8.92		pH Units	"	1905129	05/09/19	05/09/19	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: **05/06/19 13:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.613	0.0100	mmhos/cm	1	1905128	05/09/19	05/09/19	EPA 120.1	

Summit Scientific

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS07@0''-6''**  
**1905078-13 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **05/06/19 13:42**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905113	05/08/19	05/09/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
<b>Gasoline Range Hydrocarbons</b>	<b>32</b>	0.50	"	"	"	"	"	"	

Date Sampled: **05/06/19 13:42**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		102 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		97.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		172 %	21-167		"	"	"	"	S-02

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/06/19 13:42**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<b>C10-C28 (DRO)</b>	<b>2600</b>	50	mg/kg	1	1905114	05/08/19	05/09/19	EPA 8015M	

Date Sampled: **05/06/19 13:42**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: o-Terphenyl		115 %	30-150		"	"	"	"	

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: **05/06/19 13:42**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
<b>Calcium</b>	<b>1790</b>	10.9	mg/kg dry	1	1905121	05/08/19	05/09/19	EPA 6020B	
<b>Magnesium</b>	<b>219</b>	5.46	"	"	"	"	"	"	
<b>Sodium</b>	<b>241</b>	5.46	"	"	"	"	"	"	

Summit Scientific

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS07@0"-6"**  
**1905078-13 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: **05/06/19 13:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.43	0.100	units	1	1905187	05/14/19	05/14/19	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **05/06/19 13:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	91.5		%	1	1905144	05/10/19	05/10/19	Calculation	
pH	8.37		pH Units	"	1905129	05/09/19	05/09/19	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: **05/06/19 13:42**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.692	0.0100	mmhos/cm	1	1905128	05/09/19	05/09/19	EPA 120.1	

Summit Scientific

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS07@18"-24"**  
**1905078-14 (Soil)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **05/06/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Benzene	ND	0.0020	mg/kg	1	1905113	05/08/19	05/09/19	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **05/06/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Surrogate: 1,2-Dichloroethane-d4		102 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **05/06/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
C10-C28 (DRO)	ND	50	mg/kg	1	1905114	05/08/19	05/11/19	EPA 8015M	

Date Sampled: **05/06/19 13:45**

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

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

Date Sampled: **05/06/19 13:45**

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
Calcium	5260	11.5	mg/kg dry	1	1905121	05/08/19	05/09/19	EPA 6020B	
Magnesium	469	5.73	"	"	"	"	"	"	
Sodium	217	5.73	"	"	"	"	"	"	

Summit Scientific

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4600 West 60th Avenue  
Arvada CO, 80003

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**SS07@18"-24"**  
**1905078-14 (Soil)**

**Summit Scientific**

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis**

**Calculated Analysis**

Date Sampled: **05/06/19 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	<b>0.769</b>	0.100	units	1	1905187	05/14/19	05/14/19	Calculation	

**Physical Parameters by APHA/ASTM/EPA Methods**

Date Sampled: **05/06/19 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	<b>87.2</b>		%	1	1905144	05/10/19	05/10/19	Calculation	
pH	<b>8.39</b>		pH Units	"	1905129	05/09/19	05/09/19	EPA 9045D	

**Specific Conductance by EPA Method 120.1**

Date Sampled: **05/06/19 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	<b>0.582</b>	0.0100	mmhos/cm	1	1905128	05/09/19	05/09/19	EPA 120.1	

Summit Scientific

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4600 West 60th Avenue  
Arvada CO, 80003

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

## 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 1905113 - EPA 5030 Soil MS

##### Blank (1905113-BLK1)

Prepared: 05/08/19 Analyzed: 05/09/19

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0405		"	0.0400		101	23-173			
Surrogate: Toluene-d8	0.0397		"	0.0400		99.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0389		"	0.0400		97.3	21-167			

##### LCS (1905113-BS1)

Prepared: 05/08/19 Analyzed: 05/09/19

Benzene	0.0856	0.0020	mg/kg	0.100		85.6	70-130			
Toluene	0.0956	0.0050	"	0.100		95.6	70-130			
Ethylbenzene	0.111	0.0050	"	0.100		111	70-130			
m,p-Xylene	0.216	0.010	"	0.200		108	70-130			
o-Xylene	0.101	0.0050	"	0.100		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0414		"	0.0400		104	23-173			
Surrogate: Toluene-d8	0.0388		"	0.0400		97.1	20-170			
Surrogate: 4-Bromofluorobenzene	0.0400		"	0.0400		100	21-167			

##### Matrix Spike (1905113-MS1)

Source: 1905078-01

Prepared: 05/08/19 Analyzed: 05/09/19

Benzene	0.0867	0.0020	mg/kg	0.100	ND	86.7	70-130			
Toluene	0.0943	0.0050	"	0.100	ND	94.3	70-130			
Ethylbenzene	0.109	0.0050	"	0.100	ND	109	70-130			
m,p-Xylene	0.211	0.010	"	0.200	ND	106	70-130			
o-Xylene	0.100	0.0050	"	0.100	ND	100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0425		"	0.0400		106	23-173			
Surrogate: Toluene-d8	0.0392		"	0.0400		97.9	20-170			
Surrogate: 4-Bromofluorobenzene	0.0390		"	0.0400		97.4	21-167			

Summit Scientific

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**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 1905113 - EPA 5030 Soil MS**

Matrix Spike Dup (1905113-MSD1)		Source: 1905078-01			Prepared: 05/08/19 Analyzed: 05/09/19					
Benzene	0.0862	0.0020	mg/kg	0.100	ND	86.2	70-130	0.486	30	
Toluene	0.0964	0.0050	"	0.100	ND	96.4	70-130	2.17	30	
Ethylbenzene	0.111	0.0050	"	0.100	ND	111	70-130	1.52	30	
m,p-Xylene	0.210	0.010	"	0.200	ND	105	70-130	0.642	30	
o-Xylene	0.0998	0.0050	"	0.100	ND	99.8	70-130	0.480	30	
Surrogate: 1,2-Dichloroethane-d4	0.0427		"	0.0400		107	23-173			
Surrogate: Toluene-d8	0.0389		"	0.0400		97.3	20-170			
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0400		98.4	21-167			

Summit Scientific

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Arvada CO, 80003

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**Extractable Petroleum Hydrocarbons by 8015 - Quality Control**  
**Summit Scientific**

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

**Batch 1905114 - EPA 3550A**

**Blank (1905114-BLK1)**

Prepared & Analyzed: 05/08/19

C10-C28 (DRO) ND 50 mg/kg

**LCS (1905114-BS1)**

Prepared & Analyzed: 05/08/19

C10-C28 (DRO) 475 50 mg/kg 500 95.1 70-130

**Matrix Spike (1905114-MS1)**

**Source: 1905077-01**

Prepared & Analyzed: 05/08/19

C10-C28 (DRO) 440 50 mg/kg 500 26.9 82.6 70-130

**Matrix Spike Dup (1905114-MSD1)**

**Source: 1905077-01**

Prepared: 05/08/19 Analyzed: 05/09/19

C10-C28 (DRO) 446 50 mg/kg 500 26.9 83.7 70-130 1.27 20

Summit Scientific

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**Soluble Nutrients by EPA 6020/USDA60 6(2, 3A) - Dry Weight Basis - Quality Control**

**Summit Scientific**

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

**Batch 1905121 - General Preparation**

**Blank (1905121-BLK1)**

Prepared: 05/08/19 Analyzed: 05/09/19

Calcium	ND	10.0	mg/kg wet
Magnesium	ND	5.00	"
Sodium	ND	5.00	"

**LCS (1905121-BS1)**

Prepared: 05/08/19 Analyzed: 05/09/19

Calcium	599	10.0	mg/kg wet	500	120	70-130
Magnesium	509	5.00	"	500	102	70-130
Sodium	545	5.00	"	500	109	70-130

**Duplicate (1905121-DUP1)**

Source: 1905078-01

Prepared: 05/08/19 Analyzed: 05/09/19

Calcium	2750	11.0	mg/kg dry	3000	8.96	20
Magnesium	325	5.50	"	348	6.75	20
Sodium	325	5.50	"	323	0.585	20

**Matrix Spike (1905121-MS1)**

Source: 1905078-01

Prepared: 05/08/19 Analyzed: 05/09/19

Calcium	3610	11.0	mg/kg dry	550	3000	110	70-130
Magnesium	844	5.50	"	550	348	90.1	70-130
Sodium	892	5.50	"	550	323	103	70-130

**Matrix Spike Dup (1905121-MSD1)**

Source: 1905078-01

Prepared: 05/08/19 Analyzed: 05/09/19

Calcium	3590	11.0	mg/kg dry	550	3000	106	70-130	0.631	25
Magnesium	828	5.50	"	550	348	87.3	70-130	1.89	25
Sodium	915	5.50	"	550	323	108	70-130	2.59	25

Summit Scientific

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**Physical Parameters by APHA/ASTM/EPA Methods - Quality Control**  
**Summit Scientific**

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

**Batch 1905129 - General Preparation**

**LCS (1905129-BS1)**

Prepared & Analyzed: 05/09/19

pH	9.37		pH Units	9.23	102	95-105
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**Duplicate (1905129-DUP1)**

**Source: 1905078-01**

Prepared & Analyzed: 05/09/19

pH	8.82		pH Units	8.89	0.791	20
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**Batch 1905144 - General Preparation**

**Duplicate (1905144-DUP1)**

**Source: 1905078-01**

Prepared & Analyzed: 05/10/19

% Solids	91.0		%	90.9	0.108	20
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Summit Scientific

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

**Specific Conductance by EPA Method 120.1 - Quality Control**  
**Summit Scientific**

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

**Batch 1905128 - General Preparation**

**Blank (1905128-BLK1)**

Prepared & Analyzed: 05/09/19

Specific Conductance (EC) ND 0.0100 mmhos/cm

**LCS (1905128-BS1)**

Prepared & Analyzed: 05/09/19

Specific Conductance (EC) 0.782 0.0100 mmhos/cm 0.750 104 90-110

**Duplicate (1905128-DUP1)**

**Source: 1905078-01**

Prepared & Analyzed: 05/09/19

Specific Conductance (EC) 0.706 0.0100 mmhos/cm 0.705 0.142 20

Summit Scientific

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

Project: Critter Creek 9-15H

Project Number: 027318130  
Project Manager: Jeremy Pike

**Reported:**  
05/14/19 12:40

### Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference