

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

February 05, 2020

Jeremy Pike

LT Environmental, Inc.

4600 West 60th Avenue

Arvada, CO 80003

RE: F-26 Bradenhead Sampling

Work Order #1909276

Enclosed are the results of analyses for samples received by Summit Scientific on 09/23/19 17:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "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: F-26 Bradenhead Sampling

Project Number: [none]
Project Manager: Jeremy Pike

Reported:
02/05/20 11:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
North Platte J-F-23HNB	1909276-04	Water	09/23/19 12:15	09/23/19 17:25

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S₂

1909276

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310 ♦ 303-374-5933 (f)

Page 1 of 1

Client: LT Environmental, Inc.

Project Manager: Jeremy Pike

Address: 4600 West 60th Avenue

E-Mail: jpik@ltenv.com

City/State/Zip: Arvada, Colorado 80003

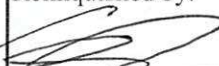
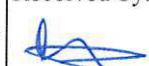
Phone: 303-433-9788

Project Name: ~~Herbst 14-14~~ ^{6T} Roth 5-6 F-26 Bradenhead sampling

Sampler Name: Glenn Thompson

Project Number: ~~034519028~~ ^{6T}

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested							Special Instructions
					HCl	HNO ₃	None	Other	Water	Soil	Air-Canister #	Other	RSK 175 - Dissolved methane/ethane/propane	GBTEX	TPH-DRO	Alkalinity, Carbonate, bicarbonate, total	Total cations/anions (see list)	TDS		
1	North Platte J14-F11-23HC	9-23-19	1130	5		1	4		X					X			X			
2	North Platte E14-A11-23HNB	9-23-19	1145	11	6	1	4		X				X	X	X	X	X	X		
3	North Platte A11-E14-26HNC	9-23-19	1200	11	6	1	4		X				X	X	X	X	X	X		
4	North Platte J-F-23HNB	9-23-19	1215	11	6	1	4		X				X	X	X	X	X	X		
5	North Platte 24-21-23HNC	9-23-19	1230	11		1	4		X					X			X			
6	North Platte 024-K21-23HNB	9-23-19	1245	6	3	1	4		X				X	X	X	X	X	X		
7	State North Platte A-E-26HNB	9-23-19	1300	8 ^{6T}	3 ^{6T}	1	4		X				X	X	X	X	X	X		
8																				
9																				
10																				

Relinquished by: 	Date/Time: 9-23-19 1725	Received by: 	Date/Time: 9-23-19 17:25	Turn Around Time (Check) Same Day 72 hours 24 hours <u>X</u> Standard 48 hours	BTEX Cations Anions are priority
Relinquished by:	Date/Time:	Received by:	Date/Time:	Sample Integrity: Temperature Upon Receipt: 9.6 Samples Intact: <u>Yes</u> No	
Relinquished by:	Date/Time:	Received by:	Date/Time:		

Sample Receipt Checklist

1909276

S2 Work Order _____

Client: LT Environmental Client Project ID: F-26 Bradenhead Sampling

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other Airbill #: _____

☒ ☐ ☐ ☐ ☐

Matrix (check all that apply): ☐ Air ☐ Soil/Solid ☒ Water ☐ Other: _____
(Describe)

Temp (°C)	9.6
-----------	-----

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"/>	<input type="checkbox"/>	<input type="checkbox"/>	On Ice
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If custody seals are present, are they intact ⁽¹⁾ ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	anions
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	HCl HNO3
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Additional Comments (if any): BTEX, anions and cations should be analyzed first. If there is enough volume, run the rest of the requested analyses				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

MP

Custodian Printed Name or Initials

Muri Premer

Signature of Custodian

9/23/19

Date/Time



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

Project: F-26 Bradenhead Sampling

Project Number: [none]
Project Manager: Jeremy Pike

Reported:
02/05/20 11:55

North Platte J-F-23HNB
1909276-04 (Water)

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Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/23/19 12:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	92	1.0	ug/l	1	1909338	09/27/19	09/28/19	EPA 8260B	
Toluene	190	1.0	"	"	"	"	"	"	
Ethylbenzene	41	1.0	"	"	"	"	"	"	
Xylenes (total)	240	2.0	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	4300	500	"	"	"	"	"	"	

Date Sampled: **09/23/19 12:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		88.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		91.1 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		88.7 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/23/19 12:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	10	5.0	mg/L	1	1909364	09/26/19	09/27/19	EPA 8015M	

Date Sampled: **09/23/19 12:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl		102 %	58.9-148		"	"	"	"	

Dissolved Gases by RSK-175

Date Sampled: **09/23/19 12:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Methane	0.11	0.010	mg/L	1	1909323	09/27/19	10/02/19	RSK-175 mod	
Ethane	0.026	0.010	"	"	"	"	"	"	
Propane	ND	0.010	"	"	"	"	"	"	

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Project: F-26 Bradenhead Sampling
Project Number: [none]
Project Manager: Jeremy Pike

Reported:
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North Platte J-F-23HNB
1909276-04 (Water)

Summit Scientific

Dissolved Gases by RSK-175

Date Sampled: **09/23/19 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: Ethene		189 %	70-130		1909323	09/27/19	10/02/19	RSK-175 mod	S-02

Total Metals by EPA Method 200.8

Date Sampled: **09/23/19 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	177	0.500	mg/L	10	1909305	09/24/19	09/24/19	EPA 200.8	
Magnesium	0.0681	0.0500	"	1	"	"	"	"	
Potassium	4510	0.500	"	10	"	"	"	"	
Sodium	1180	0.500	"	"	"	"	"	"	

Anions by EPA Method 300.0

Date Sampled: **09/23/19 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	326	12.0	mg/L	200	1909361	09/26/19	09/26/19	EPA 300.0	
Sulfate	723	60.0	"	"	"	"	"	"	

Alkalinity by SM2320

Date Sampled: **09/23/19 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Alkalinity	8760	10.0	mg/L as CaCO ₃	1	1909392	09/27/19	10/01/19	SM2320-B	
Carbonate	1280	10.0	"	"	"	"	"	"	
Bicarbonate	ND	10.0	"	"	"	"	"	"	
Hydroxide Alkalinity	7480	10.0	"	"	"	"	"	"	

Total Dissolved Solids by SM2540C

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Project: F-26 Bradenhead Sampling

Project Number: [none]
Project Manager: Jeremy Pike

Reported:
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North Platte J-F-23HNB
1909276-04 (Water)

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Total Dissolved Solids by SM2540C

Date Sampled: **09/23/19 12:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	18000	10.0		mg/L	1	1909328	09/25/19	09/25/19	SM2540C	

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Project: F-26 Bradenhead Sampling

Project Number: [none]
Project Manager: Jeremy Pike

Reported:
02/05/20 11:55

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 1909338 - EPA 5030 Water MS

Blank (1909338-BLK1)

Prepared & Analyzed: 09/27/19

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	2.0	"							
Gasoline Range Hydrocarbons	ND	500	"							
Surrogate: 1,2-Dichloroethane-d4	13.4		"	13.3		101	23-173			
Surrogate: Toluene-d8	12.7		"	13.3		95.0	20-170			
Surrogate: 4-Bromofluorobenzene	12.8		"	13.3		95.8	21-167			

LCS (1909338-BS1)

Prepared & Analyzed: 09/27/19

Benzene	47.8	1.0	ug/l	50.0		95.6	70-130			
Toluene	50.6	1.0	"	50.0		101	70-130			
Ethylbenzene	45.8	1.0	"	50.0		91.6	70-130			
m,p-Xylene	85.3	2.0	"	100		85.3	70-130			
o-Xylene	43.7	1.0	"	50.0		87.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	14.1		"	13.3		105	23-173			
Surrogate: Toluene-d8	14.7		"	13.3		110	20-170			
Surrogate: 4-Bromofluorobenzene	13.4		"	13.3		101	21-167			

Matrix Spike (1909338-MS1)

Source: 1909284-05

Prepared & Analyzed: 09/27/19

Benzene	50.3	1.0	ug/l	50.0	ND	101	70-130			
Toluene	55.4	1.0	"	50.0	ND	111	70-130			
Ethylbenzene	50.6	1.0	"	50.0	ND	101	70-130			
m,p-Xylene	94.4	2.0	"	100	1.09	93.4	70-130			
o-Xylene	48.4	1.0	"	50.0	ND	96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	14.9		"	13.3		112	23-173			
Surrogate: Toluene-d8	14.9		"	13.3		112	20-170			
Surrogate: 4-Bromofluorobenzene	14.4		"	13.3		108	21-167			

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Project: F-26 Bradenhead Sampling

Project Number: [none]
Project Manager: Jeremy Pike

Reported:
02/05/20 11:55

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	Limit	Notes

Batch 1909338 - EPA 5030 Water MS

Matrix Spike Dup (1909338-MSD1)	Source: 1909284-05			Prepared & Analyzed: 09/27/19						
Benzene	46.2	1.0	ug/l	50.0	ND	92.4	70-130	8.52	30	
Toluene	48.2	1.0	"	50.0	ND	96.5	70-130	13.9	30	
Ethylbenzene	45.9	1.0	"	50.0	ND	91.8	70-130	9.64	30	
m,p-Xylene	84.7	2.0	"	100	1.09	83.6	70-130	10.9	30	
o-Xylene	43.8	1.0	"	50.0	ND	87.6	70-130	10.1	30	
Surrogate: 1,2-Dichloroethane-d4	14.1		"	13.3		106	23-173			
Surrogate: Toluene-d8	14.2		"	13.3		106	20-170			
Surrogate: 4-Bromofluorobenzene	13.6		"	13.3		102	21-167			

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Project Manager: Jeremy Pike

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02/05/20 11:55

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 1909364 - EPA 3520B

Blank (1909364-BLK1)

Prepared: 09/26/19 Analyzed: 09/27/19

C10-C28 (DRO) ND 5.0 mg/L

LCS (1909364-BS1)

Prepared: 09/26/19 Analyzed: 09/27/19

C10-C28 (DRO) 57.3 5.0 mg/L 50.0 115 70-130

Matrix Spike (1909364-MS1)

Source: 1909276-02

Prepared: 09/26/19 Analyzed: 09/27/19

C10-C28 (DRO) 65.2 5.0 mg/L 50.0 11.0 108 70-130

Matrix Spike Dup (1909364-MSD1)

Source: 1909276-02

Prepared: 09/26/19 Analyzed: 09/27/19

C10-C28 (DRO) 64.7 5.0 mg/L 50.0 11.0 107 70-130 0.841 20

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LT Environmental, Inc.
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Arvada CO, 80003

Project: F-26 Bradenhead Sampling

Project Number: [none]
Project Manager: Jeremy Pike

Reported:
02/05/20 11:55

Dissolved Gases by RSK-175 - Quality Control
Summit Scientific

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

Batch 1909323 - GC

Blank (1909323-BLK1)

Prepared: 09/27/19 Analyzed: 10/02/19

Methane	ND	0.010	mg/L							
Ethane	ND	0.010	"							
Propane	ND	0.010	"							
Surrogate: Ethene	0.0263		"	0.0364		72.3	70-130			

LCS (1909323-BS1)

Prepared: 09/27/19 Analyzed: 10/02/19

Methane	0.046	0.010	mg/L	0.0428		108	70-130			
Ethane	0.089	0.010	"	0.0798		111	70-130			
Propane	0.13	0.010	"	0.139		91.2	70-130			
Surrogate: Ethene	0.0905		"	0.0728		124	70-130			

Duplicate (1909323-DUP1)

Source: 1909276-03

Prepared: 09/27/19 Analyzed: 10/02/19

Methane	0.084	0.010	mg/L		0.080			4.49	30	
Ethane	0.024	0.010	"		0.023			5.54	30	
Propane	0.0091	0.010	"		0.0089			2.22	30	
Surrogate: Ethene	0.0598		"	0.0364		164	70-130			S-02

Matrix Spike (1909323-MS1)

Source: 1909276-03

Prepared: 09/27/19 Analyzed: 10/02/19

Methane	0.14	0.010	mg/L	0.0428	0.080	139	70-130			QM-07
Ethane	0.13	0.010	"	0.0798	0.023	133	70-130			QM-07
Propane	0.15	0.010	"	0.139	0.0089	105	70-130			
Surrogate: Ethene	0.117		"	0.0728		160	70-130			QM-07

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LT Environmental, Inc.
4600 West 60th Avenue
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Project: F-26 Bradenhead Sampling

Project Number: [none]
Project Manager: Jeremy Pike

Reported:
02/05/20 11:55

Total Metals by EPA Method 200.8 - Quality Control
Summit Scientific

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

Batch 1909305 - EPA 200.8

Blank (1909305-BLK1)

Prepared & Analyzed: 09/24/19

Calcium	ND	0.0500	mg/L
Magnesium	ND	0.0500	"
Potassium	ND	0.0500	"
Sodium	ND	0.0500	"

LCS (1909305-BS1)

Prepared & Analyzed: 09/24/19

Calcium	4.48	0.0500	mg/L	5.00	89.5	85-115
Magnesium	4.72	0.0500	"	5.00	94.4	85-115
Potassium	4.50	0.0500	"	5.00	90.0	85-115
Sodium	4.47	0.0500	"	5.00	89.3	85-115

Duplicate (1909305-DUP1)

Source: 1909252-01

Prepared & Analyzed: 09/24/19

Calcium	150	0.0500	mg/L	145	3.07	20
Magnesium	39.6	0.0500	"	38.0	4.20	20
Potassium	2.16	0.0500	"	2.20	1.74	20
Sodium	453	0.0500	"	433	4.55	20

Matrix Spike (1909305-MS1)

Source: 1909252-01

Prepared & Analyzed: 09/24/19

Calcium	143	0.0500	mg/L	5.00	145	NR	70-130	QM-02
Magnesium	40.9	0.0500	"	5.00	38.0	57.8	70-130	QM-02
Potassium	5.95	0.0500	"	5.00	2.20	74.9	70-130	
Sodium	433	0.0500	"	5.00	433	NR	70-130	QM-02

Matrix Spike Dup (1909305-MSD1)

Source: 1909252-01

Prepared & Analyzed: 09/24/19

Calcium	164	0.0500	mg/L	5.00	145	379	70-130	14.0	25	QM-02
Magnesium	41.5	0.0500	"	5.00	38.0	70.4	70-130	1.52	25	
Potassium	5.97	0.0500	"	5.00	2.20	75.4	70-130	0.383	25	
Sodium	434	0.0500	"	5.00	433	18.2	70-130	0.273	25	QM-02

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4600 West 60th Avenue
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Project: F-26 Bradenhead Sampling

Project Number: [none]
Project Manager: Jeremy Pike

Reported:
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Anions by EPA Method 300.0 - Quality Control

Summit Scientific

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

Batch 1909361 - General Preparation

Blank (1909361-BLK1)

Prepared & Analyzed: 09/26/19

Chloride	ND	0.0600	mg/L
Sulfate	ND	0.300	"

LCS (1909361-BS1)

Prepared & Analyzed: 09/26/19

Chloride	3.18	0.0600	mg/L	3.00	106	90-110
Sulfate	16.1	0.300	"	15.0	108	90-110

Duplicate (1909361-DUP1)

Source: 1909339-01

Prepared & Analyzed: 09/26/19

Chloride	ND	0.0600	mg/L	613	20	QM-02
Sulfate	ND	0.300	"	2190	20	QM-02

Matrix Spike (1909361-MS1)

Source: 1909339-01

Prepared & Analyzed: 09/26/19

Chloride	ND	0.0600	mg/L	3.00	613	NR	80-120	QM-02
Sulfate	ND	0.300	"	15.0	2190	NR	80-120	QM-02

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Project: F-26 Bradenhead Sampling

Project Number: [none]
Project Manager: Jeremy Pike

Reported:
02/05/20 11:55

Alkalinity by SM2320 - Quality Control
Summit Scientific

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

Batch 1909392 - General Preparation

Blank (1909392-BLK1)

Prepared & Analyzed: 09/27/19

Total Alkalinity	ND	10.0	mg/L as CaCO3
Carbonate	ND	10.0	"
Bicarbonate	ND	10.0	"
Hydroxide Alkalinity	ND	10.0	"

LCS (1909392-BS1)

Prepared & Analyzed: 09/27/19

Total Alkalinity	110	10.0	mg/L as CaCO3	100	110	80-120
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Duplicate (1909392-DUP1)

Source: 1909272-01

Prepared & Analyzed: 09/27/19

Total Alkalinity	1730	10.0	mg/L as CaCO3	1760	1.72	20
Carbonate	ND	10.0	"	ND		20
Bicarbonate	1730	10.0	"	1760	1.72	20
Hydroxide Alkalinity	ND	10.0	"	ND		20

Matrix Spike (1909392-MS1)

Source: 1909272-01

Prepared & Analyzed: 09/27/19

Total Alkalinity	1840	10.0	mg/L as CaCO3	100	1760	80.0	80-120
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Matrix Spike Dup (1909392-MSD1)

Source: 1909272-01

Prepared & Analyzed: 09/27/19

Total Alkalinity	1840	10.0	mg/L as CaCO3	100	1760	80.0	80-120	0.00	20
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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: F-26 Bradenhead Sampling

Project Number: [none]
Project Manager: Jeremy Pike

Reported:
02/05/20 11:55

Total Dissolved Solids by SM2540C - Quality Control
Summit Scientific

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

Batch 1909328 - General Preparation

Blank (1909328-BLK1)

Prepared & Analyzed: 09/25/19

Total Dissolved Solids ND 10.0 mg/L

Duplicate (1909328-DUP1)

Source: 1909272-01

Prepared & Analyzed: 09/25/19

Total Dissolved Solids 2440 10.0 mg/L 2420 0.576 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.



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

Project: F-26 Bradenhead Sampling

Project Number: [none]
Project Manager: Jeremy Pike

Reported:
02/05/20 11:55

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.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
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