

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

April 29, 2021

Brent Hedstrom

Crestone Peak Resources

2020 E. Grand Avenue, Suite 515

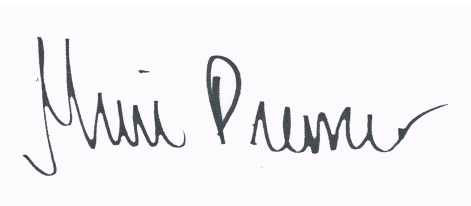
Laramie, WY 82070

RE: Dream Weaver 3A-21H

Work Order #2104330

Enclosed are the results of analyses for samples received by Summit Scientific on 04/21/21 15:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Muri Premer". The signature is written in a cursive style with a large initial "M" and a long, sweeping underline.

Muri Premer For Paul Shrewsbury
President



Crestone Peak Resources
2020 E. Grand Avenue, Suite 515
Laramie WY, 82070

Project: Dream Weaver 3A-21H

Project Number: [none]
Project Manager: Brent Hedstrom

Reported:
04/29/21 09:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Survade Casing	2104330-01	Water	04/12/21 10:30	04/21/21 15:50

Summit Scientific

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Summit Scientific

S₂

2104330

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310

Client: Crestone Peak Resources	Project Manager: Brent Hedstrom
Address: 10188 East I-25 Frontage road	E-Mail: brent.hedstrom@crestonepr.com
City/State/Zip: Firestone, CO 80504	LOE C81107 8503 / COGCC 458259
Phone: 303-434-3007	Project Name: Dream Weaver 3A-21H
Sampler Name:	Project Number:

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested								Special Instructions		
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	Anion	Cations	TDS	BTEX 8020	DRO	GRO	RSK-175				
1	Surface casing	4/12/2021	10:30	8										X	X	X	X	X	X	X			
2																							
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							

Relinquished by:	Date/Time:	Received by:	Date/Time:	Turn Around Time (Check)	Notes: 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"/> Sample Integrity: Temperature Upon Receipt: <u>4</u> Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No
<i>Brent Hedstrom</i>	<i>4/12/21</i>	<i>John Brun</i>	<i>4/21/21 1550</i>		
Relinquished by:	Date/Time:	Received by:	Date/Time:		
Relinquished by:	Date/Time:	Received by:	Date/Time:		

2104330

Sample Receipt Checklist

S2 Work Order _____

Client: Crestone Client Project ID Dream Weaver 3A-21H

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

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

Temp (°C)	4
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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 ⁽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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	HNO ₃ add at lab.
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Additional Comments (if any):

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

JB
Custodian Printed Name or Initials

Josh B...
Signature of Custodian

4/21/21 1550
Date/Time



Crestone Peak Resources
2020 E. Grand Avenue, Suite 515
Laramie WY, 82070

Project: Dream Weaver 3A-21H

Project Number: [none]
Project Manager: Brent Hedstrom

Reported:
04/29/21 09:59

Survade Casing
2104330-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **04/12/21 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	7500	1000	ug/l	1000	BED0378	04/22/21	04/28/21	EPA 8260B	
Toluene	53000	1000	"	"	"	"	"	"	
Ethylbenzene	11000	1000	"	"	"	"	"	"	
Xylenes (total)	120000	2000	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	94000000	5000000	"	10000	"	"	"	"	

Date Sampled: **04/12/21 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		93.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		108 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	21-167		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **04/12/21 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	860000	50	mg/L	10	BED0453	04/27/21	04/28/21	EPA 8015M	

Date Sampled: **04/12/21 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		1330 %	58.9-148		"	"	"	"	S-02

Dissolved Gases by RSK-175

I-03

Date Sampled: **04/12/21 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methane	1.8	1.0	mg/L	100	BED0445	04/26/21	04/27/21	RSK-175 mod	
Ethane	0.83	0.10	"	10	"	"	"	"	
Propane	0.43	0.10	"	"	"	"	"	"	

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Project: Dream Weaver 3A-21H

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Survade Casing
2104330-01 (Water)

Summit Scientific

Dissolved Gases by RSK-175

I-03

Date Sampled: **04/12/21 10:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: Ethene		35.7 %	70-130		BED0445	04/26/21	04/27/21	RSK-175 mod	S-02

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Project: Dream Weaver 3A-21H

Project Number: [none]
Project Manager: Brent Hedstrom

Reported:
04/29/21 09:59

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch BED0378 - EPA 5030 Water MS

Blank (BED0378-BLK1)

Prepared: 04/22/21 Analyzed: 04/23/21

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	12.8		"	13.3		96.0		23-173			
Surrogate: Toluene-d8	10.3		"	13.3		77.6		20-170			
Surrogate: 4-Bromofluorobenzene	12.0		"	13.3		90.1		21-167			

LCS (BED0378-BS1)

Prepared: 04/22/21 Analyzed: 04/23/21

Benzene	34.6	1.0	ug/l	33.3		104		70-130			
Toluene	35.1	1.0	"	33.3		105		70-130			
Ethylbenzene	40.7	1.0	"	33.3		122		70-130			
m,p-Xylene	76.8	2.0	"	66.7		115		70-130			
o-Xylene	40.0	1.0	"	33.3		120		70-130			
Surrogate: 1,2-Dichloroethane-d4	14.8		"	13.3		111		23-173			
Surrogate: Toluene-d8	12.1		"	13.3		90.6		20-170			
Surrogate: 4-Bromofluorobenzene	12.0		"	13.3		89.9		21-167			

Matrix Spike (BED0378-MS1)

Source: 2104300-01

Prepared: 04/22/21 Analyzed: 04/23/21

Benzene	29.1	1.0	ug/l	33.3	ND	87.4		70-130			
Toluene	33.4	1.0	"	33.3	ND	100		70-130			
Ethylbenzene	40.4	1.0	"	33.3	ND	121		70-130			
m,p-Xylene	76.3	2.0	"	66.7	ND	115		70-130			
o-Xylene	40.0	1.0	"	33.3	ND	120		70-130			
Surrogate: 1,2-Dichloroethane-d4	13.0		"	13.3		97.7		23-173			
Surrogate: Toluene-d8	11.4		"	13.3		85.7		20-170			
Surrogate: 4-Bromofluorobenzene	12.3		"	13.3		92.3		21-167			

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Project: Dream Weaver 3A-21H

Project Number: [none]
 Project Manager: Brent Hedstrom

Reported:
 04/29/21 09:59

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch BED0378 - EPA 5030 Water MS

Matrix Spike Dup (BED0378-MSD1)	Source: 2104300-01			Prepared: 04/22/21 Analyzed: 04/23/21					
Benzene	29.3	1.0	ug/l	33.3	ND	88.0	70-130	0.719	30
Toluene	32.9	1.0	"	33.3	ND	98.8	70-130	1.27	30
Ethylbenzene	40.0	1.0	"	33.3	ND	120	70-130	1.19	30
m,p-Xylene	77.8	2.0	"	66.7	ND	117	70-130	1.92	30
o-Xylene	39.3	1.0	"	33.3	ND	118	70-130	1.87	30
Surrogate: 1,2-Dichloroethane-d4	11.8		"	13.3		88.5	23-173		
Surrogate: Toluene-d8	11.4		"	13.3		85.7	20-170		
Surrogate: 4-Bromofluorobenzene	12.0		"	13.3		90.2	21-167		

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Project: Dream Weaver 3A-21H

Project Number: [none]
 Project Manager: Brent Hedstrom

Reported:
 04/29/21 09:59

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
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Analyte	Result	Reporting		Spike Level	Source		%REC		RPD		Notes
		Limit	Units		Result	%REC	Limits	RPD	Limit		

Batch BED0453 - EPA 3520B

Blank (BED0453-BLK1)

Prepared: 04/27/21 Analyzed: 04/28/21

C10-C28 (DRO) ND 5.0 mg/L

LCS (BED0453-BS1)

Prepared: 04/27/21 Analyzed: 04/28/21

C10-C28 (DRO) 58.7 5.0 mg/L 50.0 117 70-130

Matrix Spike (BED0453-MS1)

Source: 2104380-01

Prepared: 04/27/21 Analyzed: 04/28/21

C10-C28 (DRO) 56.4 5.0 mg/L 50.0 1.32 110 70-130

Matrix Spike Dup (BED0453-MSD1)

Source: 2104380-01

Prepared: 04/27/21 Analyzed: 04/28/21

C10-C28 (DRO) 57.0 5.0 mg/L 50.0 1.32 111 70-130 1.05 20

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Project: Dream Weaver 3A-21H

Project Number: [none]
Project Manager: Brent Hedstrom

Reported:
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Dissolved Gases by RSK-175 - Quality Control
Summit Scientific

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

Batch BED0445 - GC

Blank (BED0445-BLK1)

Prepared: 04/26/21 Analyzed: 04/27/21

Methane	ND	0.010	mg/L							
Ethane	ND	0.010	"							
Propane	ND	0.010	"							
Surrogate: Ethene	0.0427		"	0.0364		117	70-130			

LCS (BED0445-BS1)

Prepared: 04/26/21 Analyzed: 04/27/21

Methane	0.031	0.010	mg/L	0.0428		72.3	70-130			
Ethane	0.090	0.010	"	0.0798		113	70-130			
Propane	0.14	0.010	"	0.139		99.0	70-130			
Surrogate: Ethene	0.0825		"	0.0728		113	70-130			

Duplicate (BED0445-DUP1)

Source: 2104330-01

Prepared: 04/26/21 Analyzed: 04/27/21

Methane	1.4	1.0	mg/L		1.8			22.4	30	
Ethane	0.83	0.10	"		0.83			0.242	30	
Propane	0.32	0.10	"		0.43			30.0	30	
Surrogate: Ethene	0.00700		"	0.0364		19.2	70-130			

Matrix Spike (BED0445-MS1)

Source: 2104330-01

Prepared: 04/26/21 Analyzed: 04/27/21

Methane	1.5	1.0	mg/L	0.0428	1.8	NR	70-130			QM-02
Ethane	0.87	0.10	"	0.0798	0.83	51.4	70-130			QM-02
Propane	0.34	0.10	"	0.139	0.43	NR	70-130			QM-02
Surrogate: Ethene	0.0130		"	0.0728		17.9	70-130			S-02

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Project Number: [none]
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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-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.
- I-03 This sample was recieved and analyzed outside of the recommended holding time.
- 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