

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 14, 2021

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

RE: Dreamweaver 3H-21H South

Work Order #2110112

Enclosed are the results of analyses for samples received by Summit Scientific on 10/07/21 08:43. 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, stylized initial "M".

Muri Premer For Paul Shrewsbury
President



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

Project: Dreamweaver 3H-21H South

Project Number: [none]
Project Manager: Brent Hedstrom

Reported:
10/14/21 12:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Surface Casing	2110112-01	Water	09/15/21 12:09	10/07/21 08:43

Summit Scientific

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2110112



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

Phone: 303-434-3007

Project Name: Dream Weaver 3H-21H South

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	9/15/2021		2					X					X	X	X	X	X	X	X	X	COGCC 457511
2																						LOE C81103 8503
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
Relinquished by: <i>BZ</i>		Date/Time: 10/7/21 8:43AM		Received by: <i>[Signature]</i>		Date/Time: 10-7-21 8:43		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: 10.5				Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No										

S₂

2110112

Sample Receipt Checklist

S2 Work Order# _____

Client: Crestone Peak Resources Client Project ID: Dream Weaver 3H-2H South

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

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

Temp (°C) 10.5

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 if 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are samples with holding times due within 48 hours sample due within 48 hours present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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.

[Signature]
Custodian Printed Name or Initials

10-7-21
Date/Time



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Surface Casing
2110112-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/15/21 12:09**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	17000	10000	ug/l	10000	BEJ0156	10/08/21	10/10/21	EPA 8260B	
Toluene	110000	10000	"	"	"	"	"	"	
Ethylbenzene	37000	10000	"	"	"	"	"	"	
Xylenes (total)	290000	20000	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	300000000	5000000	"	"	"	"	"	"	

Date Sampled: **09/15/21 12:09**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		211 %	23-173	"	"	"	"	"	S-02
<i>Surrogate: Toluene-d8</i>		81.2 %	20-170	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		104 %	21-167	"	"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **09/15/21 12:09**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1300000	50	mg/L	10	BEJ0154	10/08/21	10/09/21	EPA 8015M	

Date Sampled: **09/15/21 12:09**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		947 %	58.9-148	"	"	"	"	"	S-02

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Reported:
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Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch BEJ0156 - EPA 5030 Water MS

Blank (BEJ0156-BLK1)

Prepared: 10/08/21 Analyzed: 10/09/21

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	2.0	"							
Gasoline Range Hydrocarbons	ND	500	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	13.8		"	13.3		104	23-173			
<i>Surrogate: Toluene-d8</i>	13.6		"	13.3		102	20-170			
<i>Surrogate: 4-Bromofluorobenzene</i>	13.2		"	13.3		98.9	21-167			

LCS (BEJ0156-BS1)

Prepared: 10/08/21 Analyzed: 10/09/21

Benzene	41.8	1.0	ug/l	50.0		83.5	70-130			
Toluene	45.5	1.0	"	50.0		91.0	70-130			
Ethylbenzene	47.5	1.0	"	50.0		95.0	70-130			
m,p-Xylene	93.1	2.0	"	100		93.1	70-130			
o-Xylene	48.8	1.0	"	50.0		97.6	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	12.3		"	13.3		92.2	23-173			
<i>Surrogate: Toluene-d8</i>	12.9		"	13.3		97.1	20-170			
<i>Surrogate: 4-Bromofluorobenzene</i>	12.8		"	13.3		95.7	21-167			

Matrix Spike (BEJ0156-MS1)

Source: 2110105-02

Prepared: 10/08/21 Analyzed: 10/09/21

Benzene	38.8	1.0	ug/l	50.0	ND	77.5	70-130			
Toluene	42.7	1.0	"	50.0	ND	85.3	70-130			
Ethylbenzene	40.3	1.0	"	50.0	ND	80.6	70-130			
m,p-Xylene	79.6	2.0	"	100	ND	79.6	70-130			
o-Xylene	41.4	1.0	"	50.0	ND	82.9	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	13.4		"	13.3		100	23-173			
<i>Surrogate: Toluene-d8</i>	14.3		"	13.3		107	20-170			
<i>Surrogate: 4-Bromofluorobenzene</i>	12.8		"	13.3		96.0	21-167			

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Volatile Organic Compounds by EPA Method 8260B - Quality Control

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

Batch BEJ0156 - EPA 5030 Water MS

Matrix Spike Dup (BEJ0156-MSD1)

Source: 2110105-02

Prepared: 10/08/21 Analyzed: 10/10/21

Benzene	43.1	1.0	ug/l	50.0	ND	86.2	70-130	10.5	30	
Toluene	48.5	1.0	"	50.0	ND	96.9	70-130	12.8	30	
Ethylbenzene	45.0	1.0	"	50.0	ND	90.0	70-130	11.0	30	
m,p-Xylene	88.8	2.0	"	100	ND	88.8	70-130	11.0	30	
o-Xylene	46.7	1.0	"	50.0	ND	93.4	70-130	11.9	30	
Surrogate: 1,2-Dichloroethane-d4	13.6		"	13.3		102	23-173			
Surrogate: Toluene-d8	14.4		"	13.3		108	20-170			
Surrogate: 4-Bromofluorobenzene	12.9		"	13.3		96.6	21-167			

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

Batch BEJ0154 - EPA 3520B

Blank (BEJ0154-BLK1)

Prepared & Analyzed: 10/08/21

C10-C28 (DRO) ND 5.0 mg/L

LCS (BEJ0154-BS1)

Prepared & Analyzed: 10/08/21

C10-C28 (DRO) 55.6 5.0 mg/L 50.0 111 70-130

LCS Dup (BEJ0154-BSD1)

Prepared & Analyzed: 10/08/21

C10-C28 (DRO) 59.6 5.0 mg/L 50.0 119 70-130 7.06 20

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Reported:
10/14/21 12:16

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