

# Summit Scientific

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4653 Table Mountain Drive, Golden, Colorado 80403

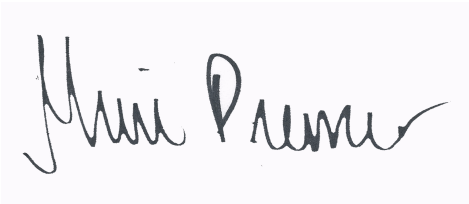
303.277.9310

October 14, 2021

Brent Hedstrom  
Crestone Peak Resources  
2020 E. Grand Avenue, Suite 515  
Laramie, WY 82070  
RE: Dreamweaver 3B-21H South  
Work Order #2110110

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 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: Dreamweaver 3B-21H South

Project Number: [none]  
Project Manager: Brent Hedstrom

**Reported:**  
10/14/21 11:44

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Surface Casing	2110110-01	Water	09/15/21 00:00	10/07/21 08:43

Summit Scientific

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# Summit Scientific 2110110

S<sub>2</sub>

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 3B-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 457612
2																						LOE C81001 8503
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
Relinquished by:		Date/Time:		Received by:		Date/Time:		Turn Around Time (Check)				Notes:										
		10/7/21 4:32A				10-7-21 8:43		Same Day <input type="checkbox"/> 72 hours <input type="checkbox"/>														
Relinquished by:		Date/Time:		Received by:		Date/Time:		24 hours <input type="checkbox"/> Standard <input checked="" type="checkbox"/>														
Relinquished by:		Date/Time:		Received by:		Date/Time:		48 hours <input type="checkbox"/>														
Relinquished by:		Date/Time:		Received by:		Date/Time:		Sample Integrity:				Temperature Upon Receipt: 10.5										
Relinquished by:		Date/Time:		Received by:		Date/Time:		Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No														

S<sub>2</sub>

2110110

Sample Receipt Checklist

S2 Work Order# \_\_\_\_\_

Client: Crestone Peak Resources Client Project ID: Dream Weaver 3B-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 <sup>(1)</sup> ? 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"/>	<u>on ICE</u>
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If custody seals are present, are they intact <sup>(1)</sup> ?	<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 <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? <b>If yes, contact client and note in narrative.</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) <sup>(1)</sup> ? 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 <sup>(1)</sup> ? 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):

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

*Ronny Blay*  
Custodian Printed Name or Initials

10-7-21  
Date/Time



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

Project: Dreamweaver 3B-21H South

Project Number: [none]  
Project Manager: Brent Hedstrom

**Reported:**  
10/14/21 11:44

**Surface Casing**  
**2110110-01 (Water)**

**Summit Scientific**

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

Date Sampled: **09/15/21 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>13000</b>	10000	ug/l	10000	BEJ0156	10/08/21	10/10/21	EPA 8260B	
<b>Toluene</b>	<b>89000</b>	10000	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>31000</b>	10000	"	"	"	"	"	"	
<b>Xylenes (total)</b>	<b>220000</b>	20000	"	"	"	"	"	"	
<b>Gasoline Range Hydrocarbons</b>	<b>17000000</b>	5000000	"	"	"	"	"	"	

Date Sampled: **09/15/21 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		203 %	23-173		"	"	"	"	S-02
Surrogate: Toluene-d8		83.5 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	21-167		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015**

Date Sampled: **09/15/21 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C10-C28 (DRO)</b>	<b>1200000</b>	50	mg/L	10	BEJ0154	10/08/21	10/09/21	EPA 8015M	

Date Sampled: **09/15/21 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		2310 %	58.9-148		"	"	"	"	S-02

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Project: Dreamweaver 3B-21H South

Project Number: [none]  
Project Manager: Brent Hedstrom

**Reported:**  
10/14/21 11:44

### 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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Project: Dreamweaver 3B-21H South

Project Number: [none]  
 Project Manager: Brent Hedstrom

**Reported:**  
 10/14/21 11:44

**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**

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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Project: Dreamweaver 3B-21H South

Project Number: [none]  
 Project Manager: Brent Hedstrom

**Reported:**  
 10/14/21 11:44

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

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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Project: Dreamweaver 3B-21H South

Project Number: [none]  
Project Manager: Brent Hedstrom

**Reported:**  
10/14/21 11:44

### 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