

Cosslett B Unit 61N68W 22SENE

SENE Sec 22 1N 68W

Facility ID: 323151

Remediation Project #: 23818

Form 19 Data Package

December 2022

Prepared by Tasman, Inc.



On behalf of Crestone Peak Resources Operating, LLC



PHOTO LOG



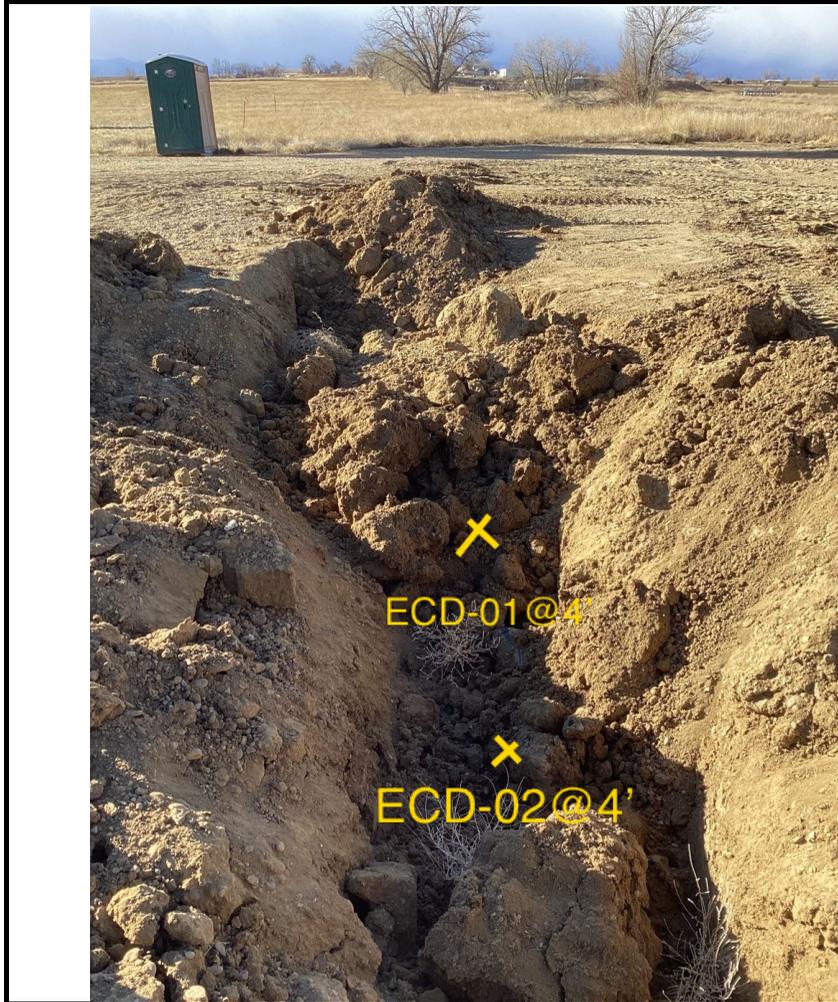
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Material:	Volume:	Contents:	
Notes/Conditions: Surrounding environment, facing N			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: Surrounding environment, facing E			



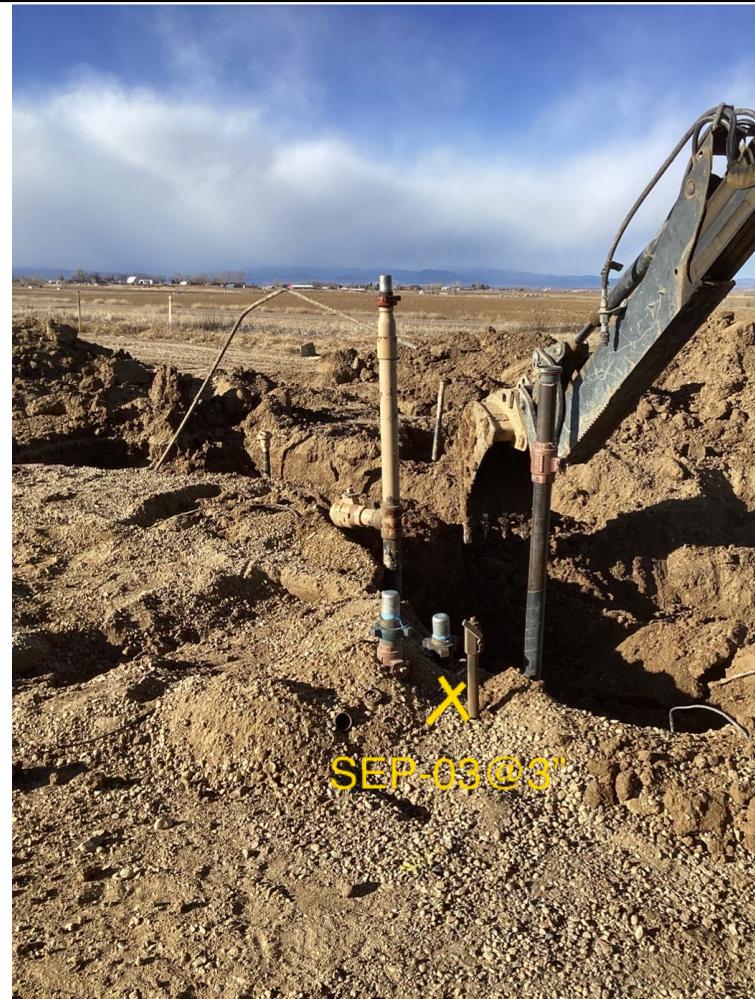
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Material:	Volume:	Contents:	
Notes/Conditions: Surrounding environment, facing S			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: Surrounding environment, facing W			



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: Screening location, facing W			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: Screening location, facing W			



Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:		Material:	Volume:	Contents:	
Notes/Conditions: Screening location, facing W				Notes/Conditions: Screening location, facing W			



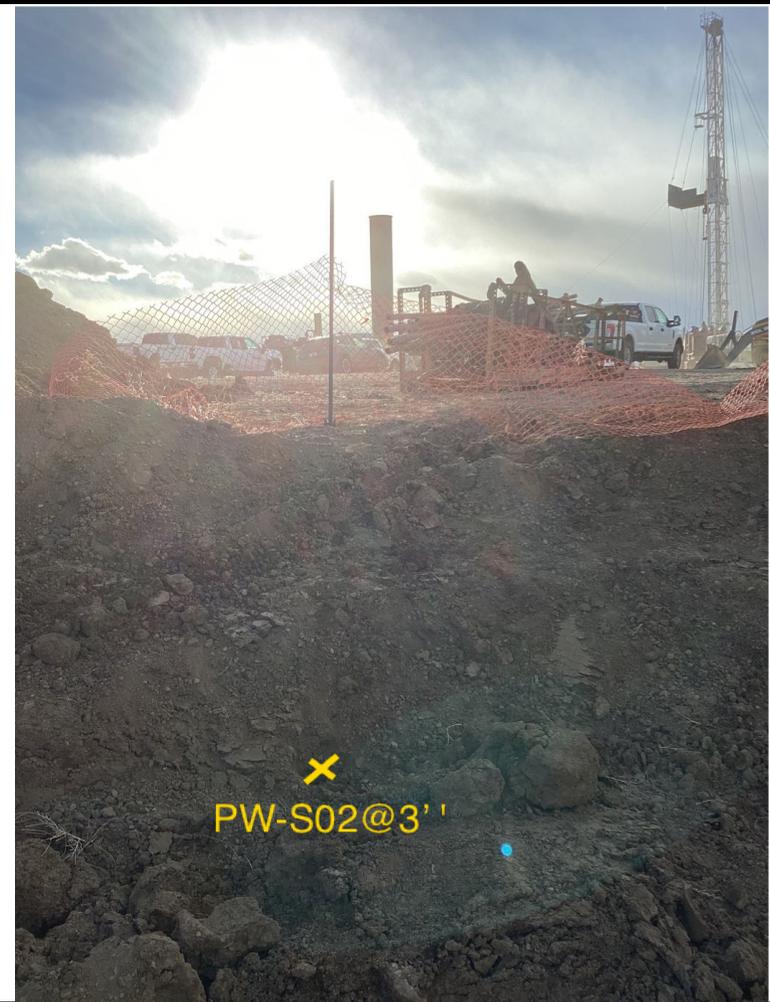
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Material:	Volume:	Contents:	
Notes/Conditions: Screening location, facing E			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: Screening location, facing E			



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: Soil sampling and screening location, facing NNW			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: Soil sampling and screening location, facing NE			



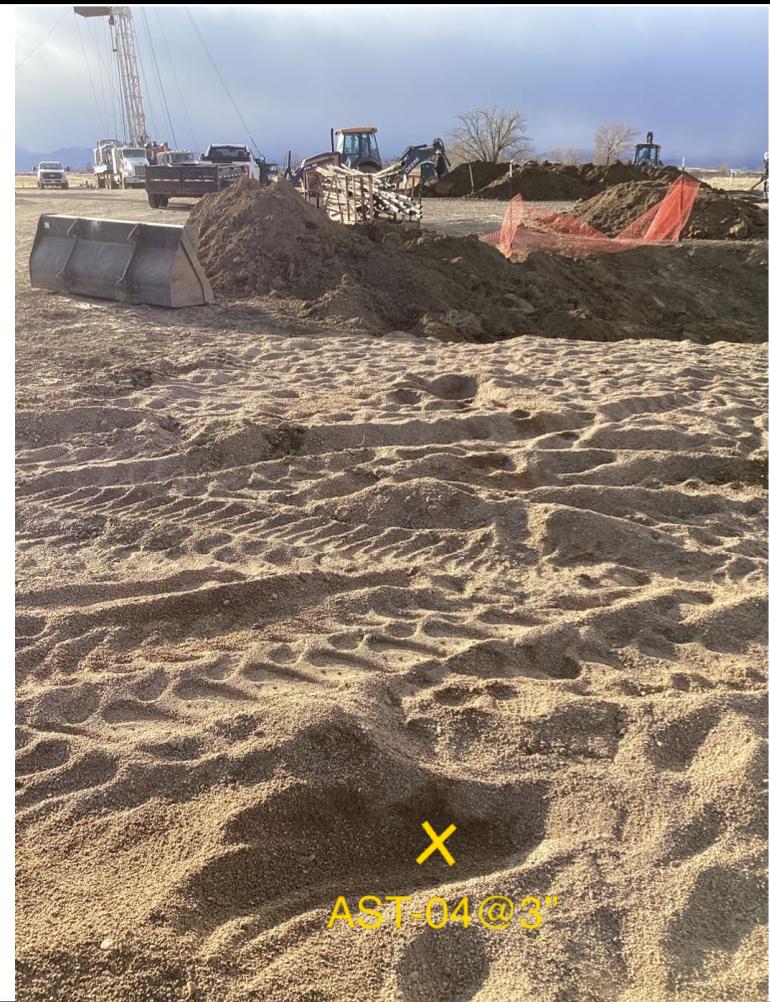
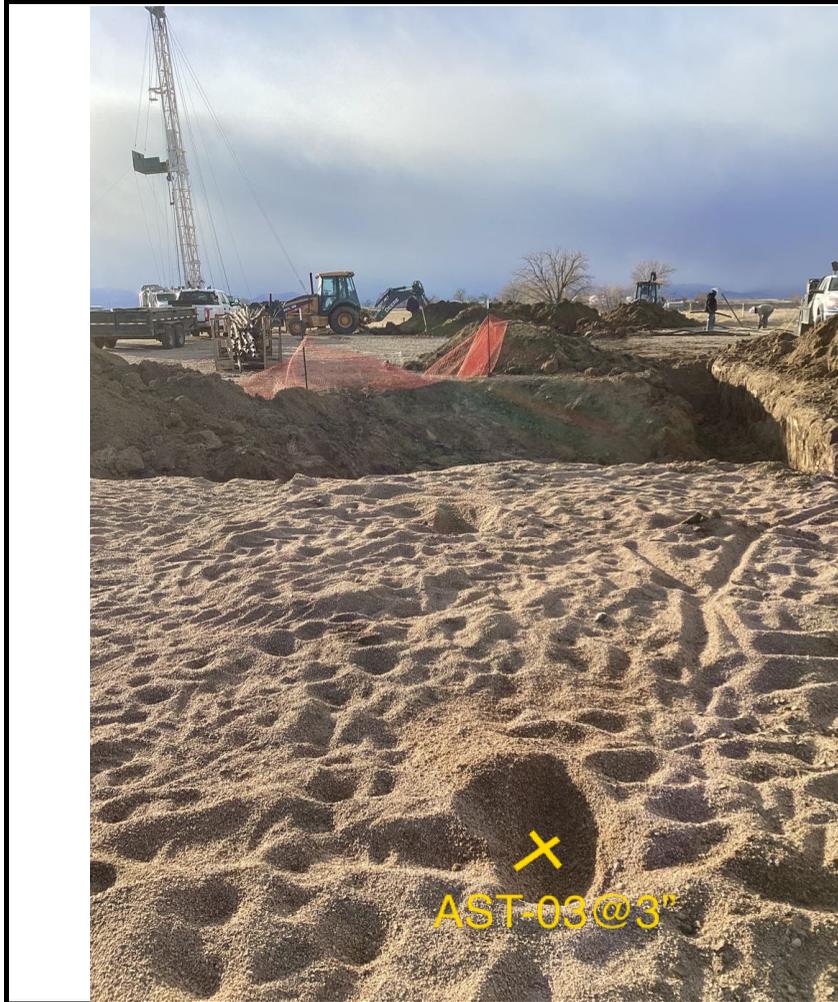
Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: Soil sampling and screening location, facing SE			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: Soil sampling and screening location, facing SW			



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: Screening location, facing W			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: Screening location, facing W			



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: Screening location, facing W			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: Screening location, facing W			



Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: Screening location, facing W			

Equipment ID:		Equipment Type:	
Material:	Volume:	Contents:	
Notes/Conditions: Soil sampling and screening location, facing N			

FIGURES

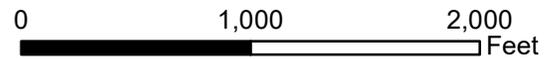
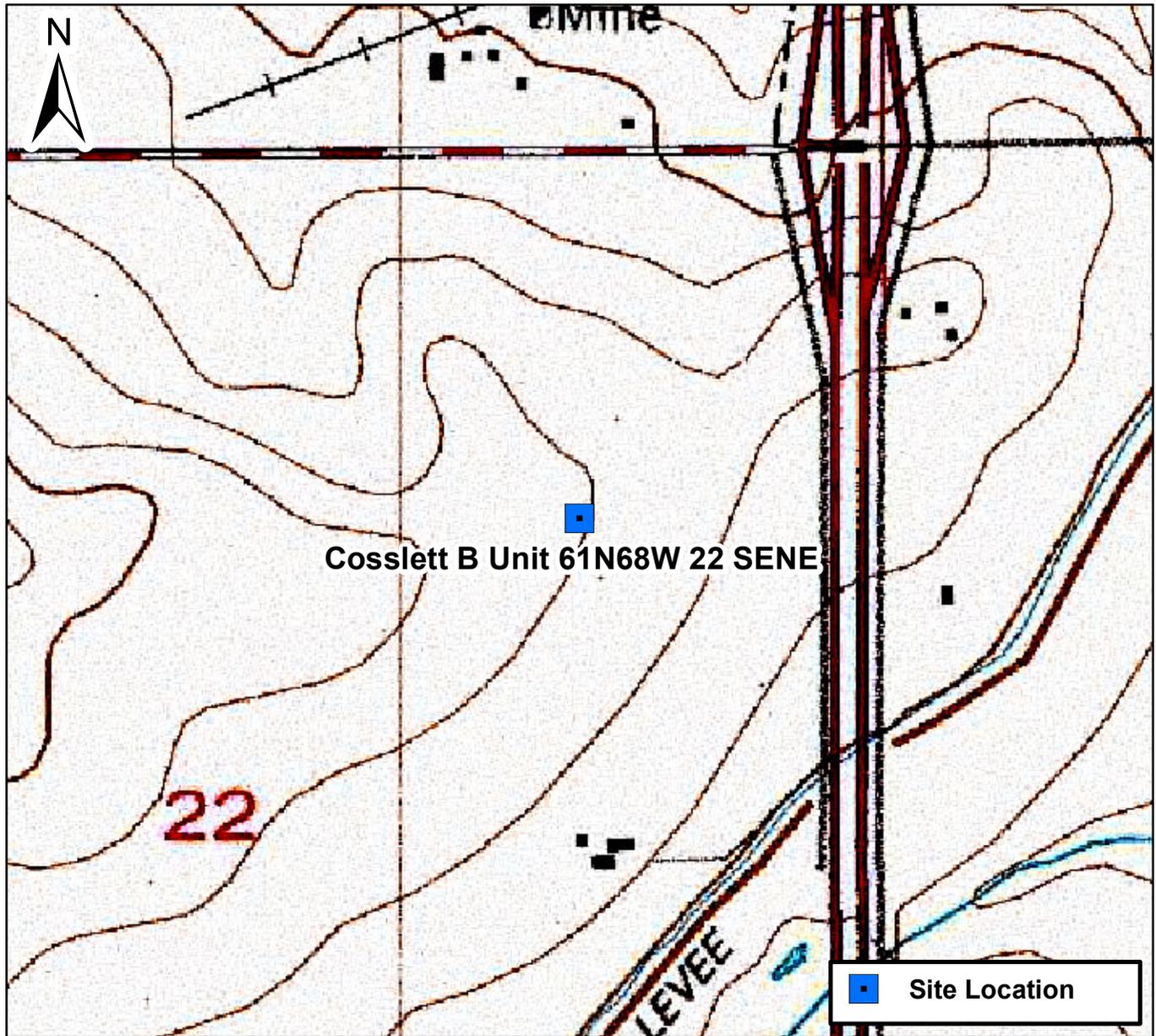
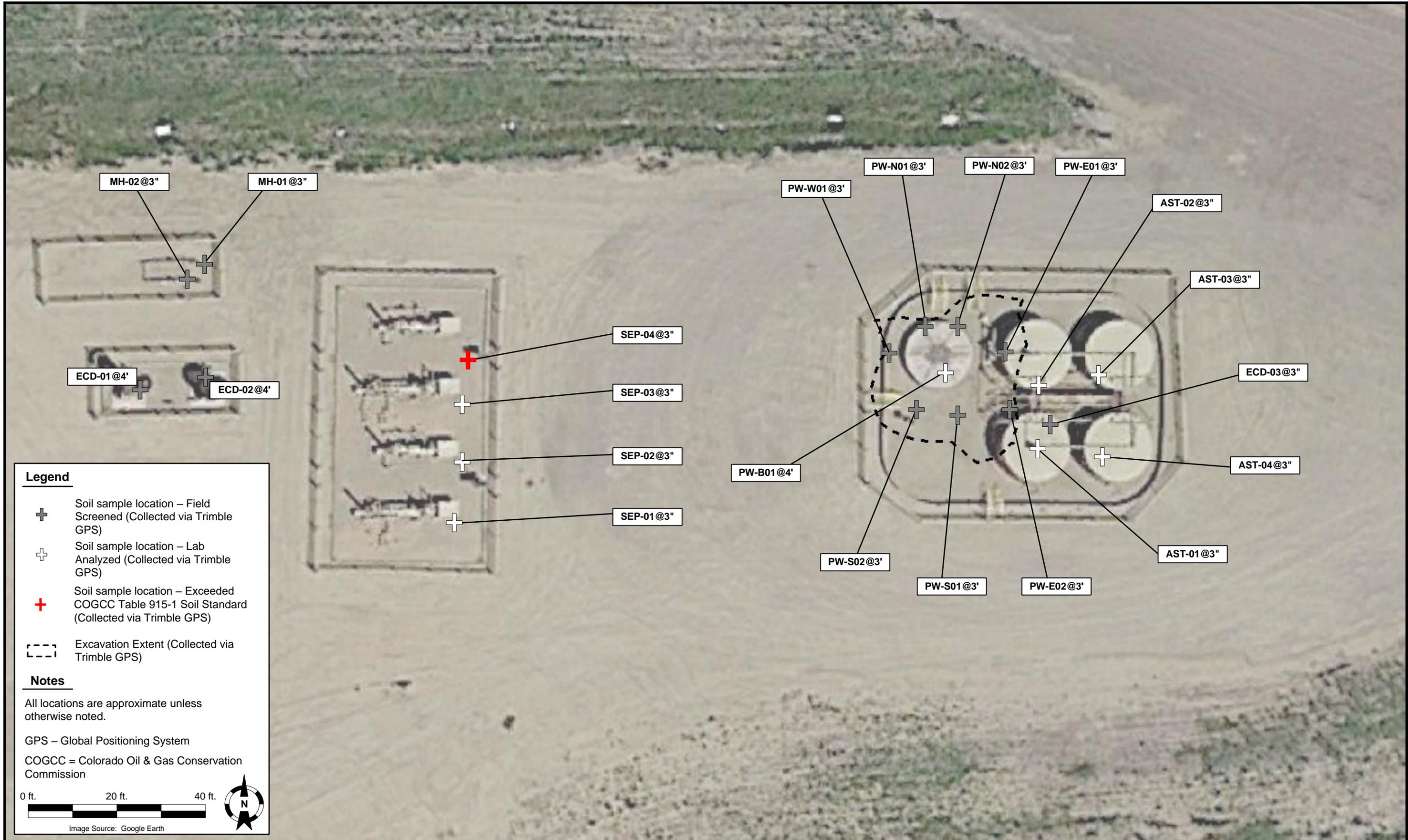


Figure 1

Site Location Map
 Cosslett B Unit 61N68W 22 SENE
 SENE Sec. 22-T1N-R68W
 Weld County, Colorado





Legend

- Soil sample location – Field Screened (Collected via Trimble GPS)
- Soil sample location – Lab Analyzed (Collected via Trimble GPS)
- Soil sample location – Exceeded COGCC Table 915-1 Soil Standard (Collected via Trimble GPS)
- Excavation Extent (Collected via Trimble GPS)

Notes

All locations are approximate unless otherwise noted.

GPS – Global Positioning System
 COGCC = Colorado Oil & Gas Conservation Commission

0 ft. 20 ft. 40 ft.

Image Source: Google Earth

DATE:	December 22, 2022
DESIGNED BY:	S. Vogt
DRAWN BY:	B. LeVasseur

Tasman, Inc.
 6855 W. 119th Avenue
 Broomfield, Colorado 80020

Crestone Peak Resources Operating, LLC
Cosslett B Unit 61N68W 22 SENE
 SENE Sec. 22-T1N-R68W
 Weld County, Colorado

Soil Sample Location Map

FIGURE
2

TABLES

TABLE 1
COSSLETT B UNIT 61N68W 22SENE
SOIL SAMPLE LOCATIONS
CRESTONE PEAK RESOURCES OPERATING, LCC



Soil Sample Location	Date	PID Reading (ppm)	Latitude	Longitude	GPS PDOP Value	Lab (Y/N)
AST-01@3"	12/21/2022	0.1	40.040107	-104.983457	0.7	Y
AST-02@3"	12/21/2022	0.6	40.040148	-104.983455	0.7	Y
AST-03@3"	12/21/2022	0.0	40.040153	-104.983409	0.7	Y
AST-04@3"	12/21/2022	0.0	40.040103	-104.983403	0.7	Y
BG01@3"	12/21/2022	0.0	40.039837	-104.983630	0.7	Y
BG02@3'	12/21/2022	1.4	40.039837	-104.983630	0.8	Y
ECD-01@4'	12/21/2022	0.0	40.040144	-104.984118	0.8	N
ECD-02@4'	12/21/2022	0.0	40.040152	-104.984065	0.8	N
ECD-03@3"	12/21/2022	0.3	40.040124	-104.983445	0.7	N
MH-01@3'	12/21/2022	7.7	40.040208	-104.984029	0.8	N
MH-02@3'	12/21/2022	0.6	40.040199	-104.984043	0.8	N
PW-B01@4'	12/21/2022	52.7	40.040154	-104.983531	0.8	Y
PW-E01@3'	12/21/2022	0.8	40.040168	-104.983483	0.8	N
PW-E02@3'	12/21/2022	1.0	40.040132	-104.983481	0.7	N
PW-N01@3'	12/21/2022	0.4	40.040183	-104.983549	0.8	N
PW-N02@3'	12/21/2022	0.5	40.040184	-104.983521	0.9	N
PW-S01@3'	12/21/2022	0.6	40.040128	-104.983523	0.8	N
PW-S02@3'	12/21/2022	0.8	40.040131	-104.983554	0.8	N
PW-W01@3'	12/21/2022	0.4	40.040172	-104.983563	0.8	Y
SEP-01@3"	12/21/2022	0.3	40.040062	-104.983929	0.8	Y
SEP-02@3"	12/21/2022	1.2	40.040099	-104.983922	0.8	Y
SEP-03@3"	12/21/2022	0.4	40.040135	-104.983922	0.8	Y
SEP-04@3'	12/21/2022	145.0	40.040162	-104.983916	0.8	Y
SP-CS01	12/21/2022	0.0	-	-	-	Y
SP-CS02	12/21/2022	0.0	-	-	-	Y
SP-CS03	12/21/2022	0.0	-	-	-	Y

Notes:

- PID = Photoionization detector
- ppm = Parts per million
- HC = Hydrocarbon
- GPS = Global positioning system
- PDOP = Position dilution of precision
- = Not Applicable

TABLE 2
COSSLETT B UNIT 61N68W 22SENE
SOIL ANALYTICAL DATA - VOCs
CRESTONE PEAK RESOURCES OPERATING, LCC

Soil Sample Location	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Naphthalene (mg/kg)	TVPH-GRO (mg/kg)	TEPH-DRO (mg/kg)	TEPH-ORO (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
COGCC standards for soil (mg/kg)⁽¹⁾		0.0026	0.69	0.78	9.9	0.0038	500			0.0081	0.0087
COGCC standards for soil (mg/kg)⁽²⁾		1.2	490	5.8	58	2	500			30	27
SEP-01@3"	12/21/2022	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	92	<50	<50	<0.0050	<0.0050
SEP-02@3"	12/21/2022	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
SEP-03@3"	12/21/2022	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	57	<50	<0.0050	<0.0050
SEP-04@4"	12/21/2022	0.0025	0.25	0.058	0.95	0.11	50	3,600	550	0.56	0.28
PW-B01@4'	12/21/2022	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
PW-W01@3'	12/21/2022	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
AST-01@3'	12/21/2022	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
AST-02@3'	12/21/2022	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
AST-03@3'	12/21/2022	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
AST-04@3'	12/21/2022	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
SP-CS01	12/21/2022	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
SP-CS02	12/21/2022	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050
SP-CS03	12/21/2022	<0.0020	<0.0050	<0.0050	<0.010	<0.0038	<0.50	<50	<50	<0.0050	<0.0050

Notes:

VOCs = Volatile Organic Compounds

(1) Standards for soil are taken from COGCC Table 915-1: Protection of Groundwater Soil Screening Level Concentrations, effective January 15, 2021

(2) Standards for soil are taken from COGCC Table 915-1: Residential Soil Screening Level Concentrations, effective January 15, 2021

COGCC = Colorado Oil and Gas Conservation Commission

(<) = Analytical result is less than the indicated laboratory reporting limit

mg/kg = Milligrams per kilogram

TVPH - GRO = Total volatile petroleum hydrocarbons - gasoline range organics

TEPH - DRO = Total extractable petroleum hydrocarbons - diesel range organics

TEPH - ORO = Total extractable petroleum hydrocarbons - oil range organics

1,2,4 - TMB = 1,2,4 - Trimethylbenzene

1,3,5 - TMB = 1,3,5 - Trimethylbenzene

BOLD = Analytical result is in exceedance of COGCC Table 915-1 soil standards

LABORATORY ANALYTICAL DATA

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

December 22, 2022

Sam Vogt
Civitas Resources
650 Southgate Drive
Windsor, CO 80550

RE: Cosslett B Unit 61N68W 22 SENE

Work Order #2212468

Enclosed are the results of analyses for samples received by Summit Scientific on 12/21/22 18:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DRAFT REPORT

DATA SUBJECT TO CHANGE



Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Cosslett B Unit 61N68W 22 SENE

Project Number: 22163
Project Manager: Sam Vogt

Reported:
12/22/22 06:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SEP-01@3"	2212468-01	Soil	12/21/22 10:48	12/21/22 18:25
SEP-02@3"	2212468-02	Soil	12/21/22 10:50	12/21/22 18:25
SEP-03@3"	2212468-03	Soil	12/21/22 10:54	12/21/22 18:25
SEP-04@3"	2212468-04	Soil	12/21/22 10:56	12/21/22 18:25
PW-B01@4'	2212468-05	Soil	12/21/22 11:16	12/21/22 18:25
PW-W01@3'	2212468-06	Soil	12/21/22 11:37	12/21/22 18:25
AST-01@3'	2212468-07	Soil	12/21/22 12:28	12/21/22 18:25
AST-02@3'	2212468-08	Soil	12/21/22 12:31	12/21/22 18:25
AST-03@3'	2212468-09	Soil	12/21/22 12:32	12/21/22 18:25
AST-04@3'	2212468-10	Soil	12/21/22 12:34	12/21/22 18:25
SP-CS01	2212468-11	Soil	12/21/22 12:49	12/21/22 18:25
SP-CS02	2212468-12	Soil	12/21/22 12:51	12/21/22 18:25
SP-CS03	2212468-13	Soil	12/21/22 13:00	12/21/22 18:25

DRAFT REPORT

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.

2212467.1

Summit Scientific

S₂

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

Client: Civitas/Tasman Project Manager: Sam Vogt / Jacobs Evans
 Address: 6855 W. 114th Ave E-Mail: svogt@tasman-geo.com, jevans@civiresources.com
 City/State/Zip: Broomfield, CO 80020
 Phone: (610) 405-9078 Project Name: Cosslett B Unit G1N68W 22SENE
 Sampler Name: Dylan Miller, Chris Girardi Project Number: 22163

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested - 915-1 Table						Special Instructions	
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	915-1 Organics	TPH	EC *	SAR *	pH *	Barium *		
1	SEP-φ1 e3"	12/21/22	1048	2			X			X				X	X	X	X	X	X	
2	SEP-φ2 e3"		1050																	
3	SEP-φ3 e3"		1054																	
4	SEP-φ4 e3"		1056																	
5	PW-Bφ1 e4'		1116																	
6	PW-Wφ1 e3'		1137																	
7	AST-φ1 e3"		1228																	
8	AST-φ2 e3"		1231																	
9	AST-φ3 e3"		1232																	
10	AST-φ4 e3"		1234																	

Relinquished by: <u>Dylan Miller</u>	Date/Time: <u>12/21/22 1700</u>	Received by: <u>Tasman Lockbox</u>	Date/Time: <u>12/21/22 1700</u>	Turn Around Time (Check) Same Day <u>X</u> 72 hours <u>—</u> 24 hours <u>—</u> Standard <u>—</u> 48 hours <u>—</u> Sample Integrity: Temperature Upon Receipt: <u>8.0</u> Samples Intact: <u>Yes</u> No	Notes: <u>Methods:</u> * Sgt. pairs ** hot water
Relinquished by: <u>Tasman Lockbox</u>	Date/Time: <u>12/21/22 1825</u>	Received by: <u>[Signature]</u>	Date/Time: <u>12/21/22 1825</u>		
Relinquished by:	Date/Time:	Received by:	Date/Time:		

Summit Scientific

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Client: Civitas/Tasman
Address: 6855 W. 119th Ave
City/State/Zip: Broomfield, CO 80020
Phone: (303) 405-9078 Fax:
Sampler Name: Dylan Miller, Chris Girardi

Project Manager: Sam Vogt / Jacobs Evans
E-Mail: svogt@tasman-geo.com, jevans@civiresources.com
Project Name: Cosslett B Unit GIN&W 22SENE
Project Number: 22163

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix				Analyze For: <u>915-ITabx</u>						Special Instructions	
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	915-1 Organics	TPH	EC *	SAR *	PH *	Boron **		
SP-CSφ1	12/21/22	1249	2			X			X				X	X	X	X	X		Don't run 915-1 Organics or TPH on BG samples
SP-CSφ2		1251											X	X	X	X	X		
SP-CSφ3		1300											X	X	X	X	X		
BG φ 1 e 3"	↓	1310	↓											X	X	X	X		
BG φ e 3'	↓	1515	↓											X	X	X	X		

Relinquished by: <u>Dylan Miller</u>	Date/Time: <u>12/21/22 1700</u>	Received by: <u>Tasman Lockbox</u>	Date/Time: <u>12/21/22 1700</u>	Turn Around Time (Check) Same Day <input checked="" type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Standard <input type="checkbox"/> 48 Hours <input type="checkbox"/>	Notes: <u>Methods:</u> * Sat. paste ** hot water
Relinquished by: <u>Tasman Lockbox</u>	Date/Time: <u>12/21/22 1825</u>	Received by: <u>[Signature]</u>	Date/Time: <u>12/21/22 1825</u>		
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:	Sample Integrity: Temperature Upon Receipt: <u>8.0</u> Intact: Yes <input type="checkbox"/> No <input type="checkbox"/>	

S₂

2/2

Sample Receipt Checklist

S2 Work Order#

2212468

Client: Cintas Trasman

Client Project ID: Cosslett Bunit Co IN C8W

22SENE

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

Airbill #: _____

Matrix (Check all that apply)

Air

Soil/Solid

Water

Other

Temp (°C)

Thermometer #

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°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"/>	<u>on ice</u>
If custody seals are present, are they intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are samples due within 48 hours present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Same day</u>
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe ²⁺), Hexavalent Chromium (Cr ⁶⁺ , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen	<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"/>	
Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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"/>	
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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>#14 & #15. same name</u>
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling)? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , 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.

Custodian Printed Name

22.12.21
Date/Time



Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Cosslett B Unit 61N68W 22 SENE

Project Number: 22163
Project Manager: Sam Vogt

Reported:
12/22/22 06:16

SEP-01@3"
2212468-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/21/22 10:48**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	BFL0578	12/21/22	12/21/22	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **12/21/22 10:48**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	0.0276	69.0 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0409	102 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0414	103 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/21/22 10:48**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	92	50	mg/kg	1	BFL0579	"	12/21/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **12/21/22 10:48**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl	13.3	106 %	30-150		"	"	"	"	

DRAFT REPORT

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.



Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Cosslett B Unit 61N68W 22 SENE

Project Number: 22163
Project Manager: Sam Vogt

Reported:
12/22/22 06:16

SEP-02@3"
2212468-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/21/22 10:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	BFL0578	12/21/22	12/21/22	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **12/21/22 10:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	0.0288	72.1 %	50-150	"	"	"	"	"	
Surrogate: Toluene-d8	0.0401	100 %	50-150	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0408	102 %	50-150	"	"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/21/22 10:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	BFL0579	"	12/21/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **12/21/22 10:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl	17.8	142 %	30-150	"	"	"	"	"	

DRAFT REPORT

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.



Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Cosslett B Unit 61N68W 22 SENE

Project Number: 22163
Project Manager: Sam Vogt

Reported:
12/22/22 06:16

SEP-03@3"
2212468-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/21/22 10:54**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFL0578	12/21/22	12/21/22	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **12/21/22 10:54**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0302	75.5 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0408	102 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0401	100 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/21/22 10:54**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	57	50	mg/kg	1	BFL0579	"	12/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **12/21/22 10:54**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	13.9	111 %	30-150		"	"	"	"	

DRAFT REPORT

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Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Cosslett B Unit 61N68W 22 SENE

Project Number: 22163
Project Manager: Sam Vogt

Reported:
12/22/22 06:16

SEP-04@3"
2212468-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/21/22 10:56**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.0025	0.0020	mg/kg	1	BFL0578	12/21/22	12/22/22	EPA 8260B	
Toluene	0.25	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.058	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.95	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	0.56	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	0.28	0.0050	"	"	"	"	"	"	
Naphthalene	0.11	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	50	0.50	"	"	"	"	"	"	

Date Sampled: **12/21/22 10:56**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.0326	81.5 %	50-150		"	"	"	"	
<i>Surrogate: Toluene-d8</i>	0.0384	96.0 %	50-150		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	0.0520	130 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/21/22 10:56**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	3600	50	mg/kg	1	BFL0579	"	12/22/22	EPA 8015M	
C28-C36 (ORO)	550	50	"	"	"	"	"	"	

Date Sampled: **12/21/22 10:56**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>	21.3	170 %	30-150		"	"	"	"	S-02

DRAFT REPORT

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Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Cosslett B Unit 61N68W 22 SENE

Project Number: 22163
Project Manager: Sam Vogt

Reported:
12/22/22 06:16

PW-B01@4'
2212468-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/21/22 11:16**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFL0578	12/21/22	12/22/22	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **12/21/22 11:16**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0313	78.2 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0396	99.0 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0435	109 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/21/22 11:16**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFL0579	"	12/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **12/21/22 11:16**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	16.1	129 %	30-150		"	"	"	"	

DRAFT REPORT

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Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Cosslett B Unit 61N68W 22 SENE

Project Number: 22163
Project Manager: Sam Vogt

Reported:
12/22/22 06:16

PW-W01@3'
2212468-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/21/22 11:37**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFL0578	12/21/22	12/22/22	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **12/21/22 11:37**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0326	81.4 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0414	104 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0410	102 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/21/22 11:37**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFL0579	"	12/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **12/21/22 11:37**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	17.0	136 %	30-150		"	"	"	"	

DRAFT REPORT

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Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Cosslett B Unit 61N68W 22 SENE

Project Number: 22163
Project Manager: Sam Vogt

Reported:
12/22/22 06:16

AST-01@3'
2212468-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/21/22 12:28**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFL0578	12/21/22	12/22/22	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **12/21/22 12:28**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0301	75.3 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0411	103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0410	103 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/21/22 12:28**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFL0579	"	12/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **12/21/22 12:28**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	16.6	133 %	30-150		"	"	"	"	

DRAFT REPORT

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.



Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Cosslett B Unit 61N68W 22 SENE

Project Number: 22163
Project Manager: Sam Vogt

Reported:
12/22/22 06:16

AST-02@3'
2212468-08 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/21/22 12:31**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFL0578	12/21/22	12/22/22	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **12/21/22 12:31**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0298	74.5 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0407	102 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0402	100 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/21/22 12:31**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFL0579	"	12/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **12/21/22 12:31**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	16.2	130 %	30-150		"	"	"	"	

DRAFT REPORT

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Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Cosslett B Unit 61N68W 22 SENE

Project Number: 22163
Project Manager: Sam Vogt

Reported:
12/22/22 06:16

AST-03@3'
2212468-09 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/21/22 12:32**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFL0578	12/21/22	12/22/22	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **12/21/22 12:32**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0304	76.0 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0405	101 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0408	102 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/21/22 12:32**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFL0579	"	12/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **12/21/22 12:32**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	15.8	126 %	30-150		"	"	"	"	

DRAFT REPORT

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Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Cosslett B Unit 61N68W 22 SENE

Project Number: 22163
Project Manager: Sam Vogt

Reported:
12/22/22 06:16

AST-04@3'
2212468-10 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/21/22 12:34**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFL0578	12/21/22	12/22/22	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **12/21/22 12:34**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0316	79.1 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0408	102 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0409	102 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/21/22 12:34**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFL0579	"	12/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **12/21/22 12:34**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	16.0	128 %	30-150		"	"	"	"	

DRAFT REPORT

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Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Cosslett B Unit 61N68W 22 SENE

Project Number: 22163
Project Manager: Sam Vogt

Reported:
12/22/22 06:16

SP-CS01
2212468-11 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/21/22 12:49**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BFL0578	12/21/22	12/22/22	EPA 8260B	
Toluene	ND	0.0050		"	"	"	"	"	"	
Ethylbenzene	ND	0.0050		"	"	"	"	"	"	
Xylenes (total)	ND	0.010		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
Naphthalene	ND	0.0038		"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **12/21/22 12:49**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0306	76.4 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0410	103 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0416	104 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/21/22 12:49**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BFL0579	"	12/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **12/21/22 12:49**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	15.8	127 %		30-150		"	"	"	"	

DRAFT REPORT

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.



Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Cosslett B Unit 61N68W 22 SENE

Project Number: 22163
Project Manager: Sam Vogt

Reported:
12/22/22 06:16

SP-CS02
2212468-12 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/21/22 12:51**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BFL0578	12/21/22	12/22/22	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **12/21/22 12:51**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0310	77.6 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0406	102 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0406	102 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/21/22 12:51**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BFL0579	"	12/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **12/21/22 12:51**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	16.7	134 %	30-150		"	"	"	"	

DRAFT REPORT

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.



Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Cosslett B Unit 61N68W 22 SENE

Project Number: 22163
Project Manager: Sam Vogt

Reported:
12/22/22 06:16

SP-CS03
2212468-13 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **12/21/22 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	0.0020	mg/kg	1	BFL0578	12/21/22	12/22/22	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **12/21/22 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	0.0310	77.6 %	50-150	"	"	"	"	"	
Surrogate: Toluene-d8	0.0403	101 %	50-150	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0405	101 %	50-150	"	"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **12/21/22 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
C10-C28 (DRO)	ND	50	mg/kg	1	BFL0579	"	12/22/22	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **12/21/22 13:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: o-Terphenyl	16.4	132 %	30-150	"	"	"	"	"	

DRAFT REPORT

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Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Cosslett B Unit 61N68W 22 SENE

Project Number: 22163
Project Manager: Sam Vogt

Reported:
12/22/22 06:16

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

DRAFT REPORT

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Civitas Resources
650 Southgate Drive
Windsor CO, 80550

Project: Cosslett B Unit 61N68W 22 SENE

Project Number: 22163
Project Manager: Sam Vogt

Reported:
12/22/22 06:16

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