

# **Alcorn-61N69W 10NWNE**

NWNE Sec. 10-T1N-R69W

Facility ID: 470269

Spill/Release Point ID: 489909

Remediation Project #: 38385

Facility Decommissioning Package

March 2025

Prepared by Tasman, Inc.



On behalf of Crestone Peak Resources Operating, LLC



# **FIELD NOTES AND PHOTO LOG**



# Civitas Decommissioning Form

<b>SITE NAME:</b> Alcorn-61N69W 10NWNE	<b>DATE:</b> 3/28/2025	<b>REM. PROJECT #:</b> 38385	<b>WEATHER:</b> 75 Sunny
<b>SITE DIRECTIONS:</b> Lookout rd and N109th st. , S on N109th st for .228mi, W INTO	<b>CLIENT:</b> Crestone Peak Resources Operating, LLC		
<b>LEGALS AND LAT/LONG:</b> 40.069416, -105.098413	<b>TASMAN PERSONNEL:</b> Max Sherwin		
<b>SOIL TYPES:</b> SC - clayey sand	<b>SURFACE GRADIENT:</b> Southeast		
<b>SURROUNDING LAND USE:</b> Cropland	<b>CROP:</b> Corn		

SOIL SAMPLING								FACILITY INFRASTRUCTURE		
Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo? (Y/N)	USCS	Lab (Y/N)	EQUIPMENT	Quantity	
3/28/2025 09:50	AST-B01@3"	1.6	No Staining	No Odor	Y	SC	Y	Above Ground Storage Tank (AST)	1	
3/28/2025 09:55	ECD-B01@5'	11.4	No Staining	No Odor	Y	SC	N	Produced Water Vessel (PWV)	1	
3/28/2025 10:00	PWV-B01@4'	4.4	No Staining	No Odor	Y	SC	Y	Separator (SEP)	1	
3/28/2025 10:05	PWV-N01@3'	8.5	No Staining	No Odor	Y	SC	Y	Emission Control Device (ECD)	1	
3/28/2025 10:10	PWV-S01@3'	6.4	No Staining	No Odor	Y	SC	N	Dump Line (DL)	1	
3/28/2025 10:15	PWV-E01@3'	6.8	No Staining	No Odor	Y	SC	N	Wellhead (WH)		
3/28/2025 10:20	PWV-W01@3'	5.5	No Staining	No Odor	Y	SC	N	Flowline (FL)		
3/28/2025 10:25	PWV-W01@3'	5.5	No Staining	No Odor	Y	SC	N	FL Method of Closure		
3/28/2025 10:25	SEP-B01@5'	15.6	No Staining	No Odor	Y	SC	Y	FL Footage Removed		
3/28/2025 10:30	SEP-B02@5'	2.5	No Staining	No Odor	Y	SC	Y	Footaged Abandoned in Place		
3/28/2025 10:35	SP-CS01	1.9	No Staining	No Odor	N	SC	Y	Other: Dumpline (DL), Emmissions line (EL)	Removed	
3/28/2025 10:40	DL-B01@4'	138.0	No Staining	Other	Y	SC	Y	Soil Loads Removed		
3/28/2025 10:45	DL-B02@4'	2.5	No Staining	No Odor	Y	SC	N	IMPACTED SOIL IDENTIFIED? No		
3/28/2025 10:50	DL-B03@4'	12.5	No Staining	No Odor	Y	SC	Y	ESTIMATED VOLUME OF IMPACTS: Excavation Activities Ongoing		
3/28/2025 10:55	EL-B01@4'	18.3	No Staining	No Odor	Y	SC	Y	Date	Number	CY
3/28/2025 11:00	EL-B02@4'	0.9	No Staining	No Odor	Y	SC	N			
3/28/2025 11:05	EL-B03@4'	2.5	No Staining	No Odor	Y	SC	Y			
3/28/2025 11:10	SP-CS02	6.4	No Staining	No Odor	N	SC	Y			
								Total Removed	0	0
								Disposal Facility:		
								Groundwater Recovery		
								DATE GW ENCOUNTERED: N/A	DEPTH:	
								GROUNDWATER IN CONTACT WITH IMPACTED SOIL?		
								LNAPL OR SHEEN OBSERVED ON GW?		

GROUNDWATER SAMPLING								Date	BBLs
Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?			
								Total Removed	0
								Disposal Facility:	



# Photographic Log

<p>⊙ 62°NE (T) ● 40°4'9"N, 105°5'55"W ±16ft ▲ 5081ft</p>			<p>⊙ 353°N (T) ● 40°4'9"N, 105°5'54"W ±16ft ▲ 5080ft</p>		
<p style="text-align: center;"><b>AST-B01@3"</b></p> <p style="text-align: right;">28 Mar 2025, 10:29:08</p>			<p style="text-align: center;"><b>ECD-B02@5'</b></p> <p style="text-align: right;">28 Mar 2025, 10:35:43</p>		
<p><b>Equipment ID:</b></p>			<p><b>Equipment ID:</b></p>		
<p><b>Equipment Type:</b></p>			<p><b>Equipment Type:</b></p>		
<p><b>Material:</b></p>	<p><b>Volume:</b></p>	<p><b>Contents:</b></p>	<p><b>Material:</b></p>	<p><b>Volume:</b></p>	<p><b>Contents:</b></p>
<p><b>Notes/Conditions:</b> Soil sampling location</p>			<p><b>Notes/Conditions:</b> Soil sampling location</p>		



# Photographic Log

350°N (T) ● 40°4'9"N, 105°5'54"W ±16ft ▲ 5083ft			120°SE (T) ● 40°4'10"N, 105°5'55"W ±16ft ▲ 5085ft		
28 Mar 2025, 11:05:30			28 Mar 2025, 11:26:54		
<b>Equipment ID:</b>		<b>Equipment Type:</b>	<b>Equipment ID:</b>		<b>Equipment Type:</b>
<b>Material:</b>	<b>Volume:</b>	<b>Contents:</b>	<b>Material:</b>	<b>Volume:</b>	<b>Contents:</b>
<b>Notes/Conditions:</b> Soil sampling location			<b>Notes/Conditions:</b> Soil sampling location		



# Photographic Log

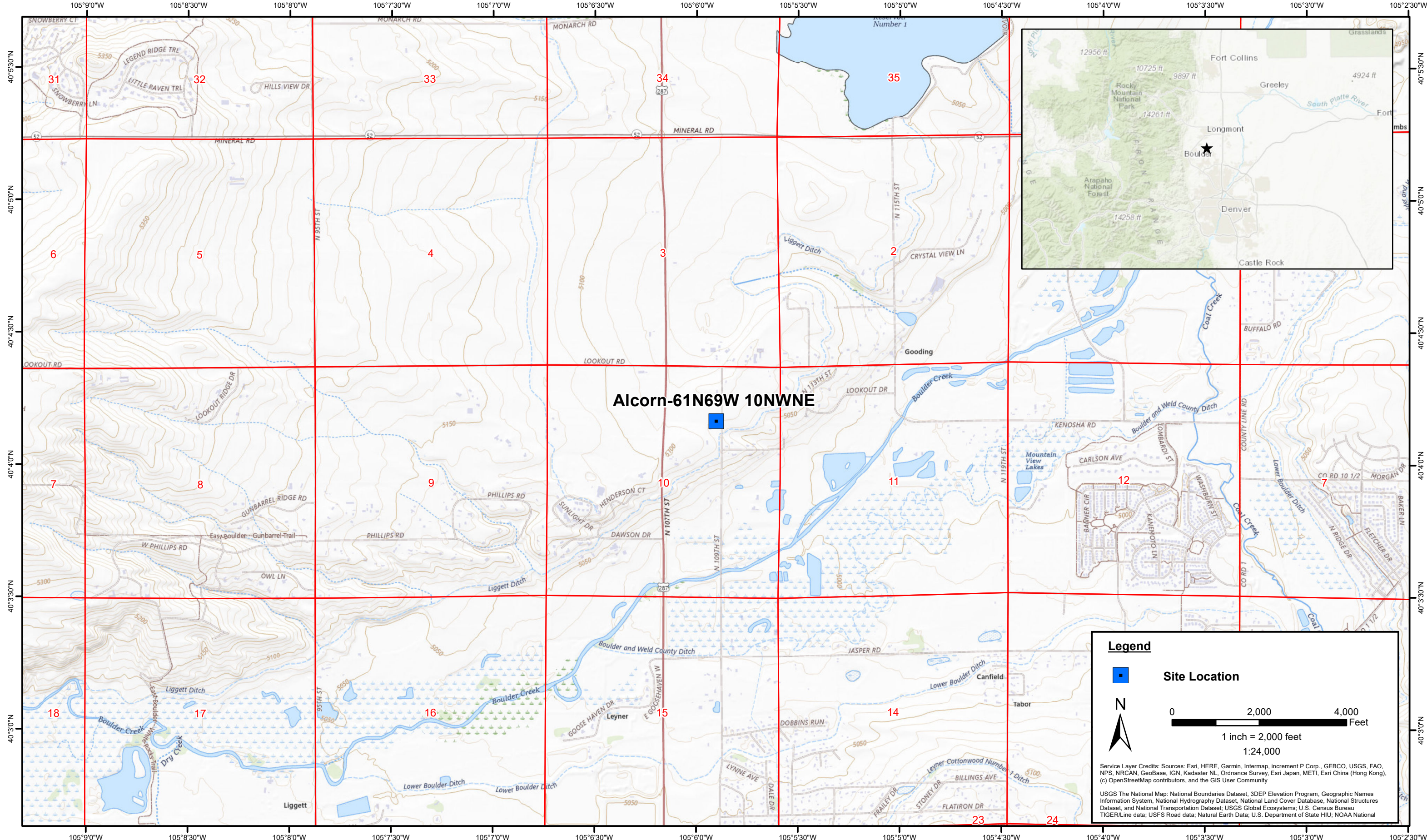
<p>SW 210 240 W 270 00 NW 330 N 0 30</p> <p>☉ 298°NW (T) ● 40°4'10"N, 105°5'55"W ±16ft ▲ 5085ft</p> <p>PWV-W01@3' PWV-N01@3'</p> <p>28 Mar 2025, 11:27:05</p>			<p>NW 300 330 N 0 30 NE 60 E 90</p> <p>☉ 16°N (T) ● 40°4'9"N, 105°5'55"W ±16ft ▲ 5082ft</p> <p>DL-B01@4' EL-B01@4'</p> <p>28 Mar 2025, 12:22:41</p>					
Equipment ID:		Equipment Type:		Equipment ID:		Equipment Type:		
Material:		Volume:	Contents:		Material:		Volume:	Contents:
Notes/Conditions: Soil sampling location				Notes/Conditions: Soil sampling location				



# Photographic Log

282°W (T) ● 40°4'9"N, 105°5'54"W ±16ft ▲ 5079ft			149°SE (T) ● 40°4'9"N, 105°5'55"W ±16ft ▲ 5082ft		
28 Mar 2025, 12:28:40			28 Mar 2025, 12:38:34		
<b>Equipment ID:</b>		<b>Equipment Type:</b>	<b>Equipment ID:</b>		<b>Equipment Type:</b>
<b>Material:</b>	<b>Volume:</b>	<b>Contents:</b>	<b>Material:</b>	<b>Volume:</b>	<b>Contents:</b>
<b>Notes/Conditions:</b> Soil sampling location			<b>Notes/Conditions:</b> Soil sampling location		

# FIGURES



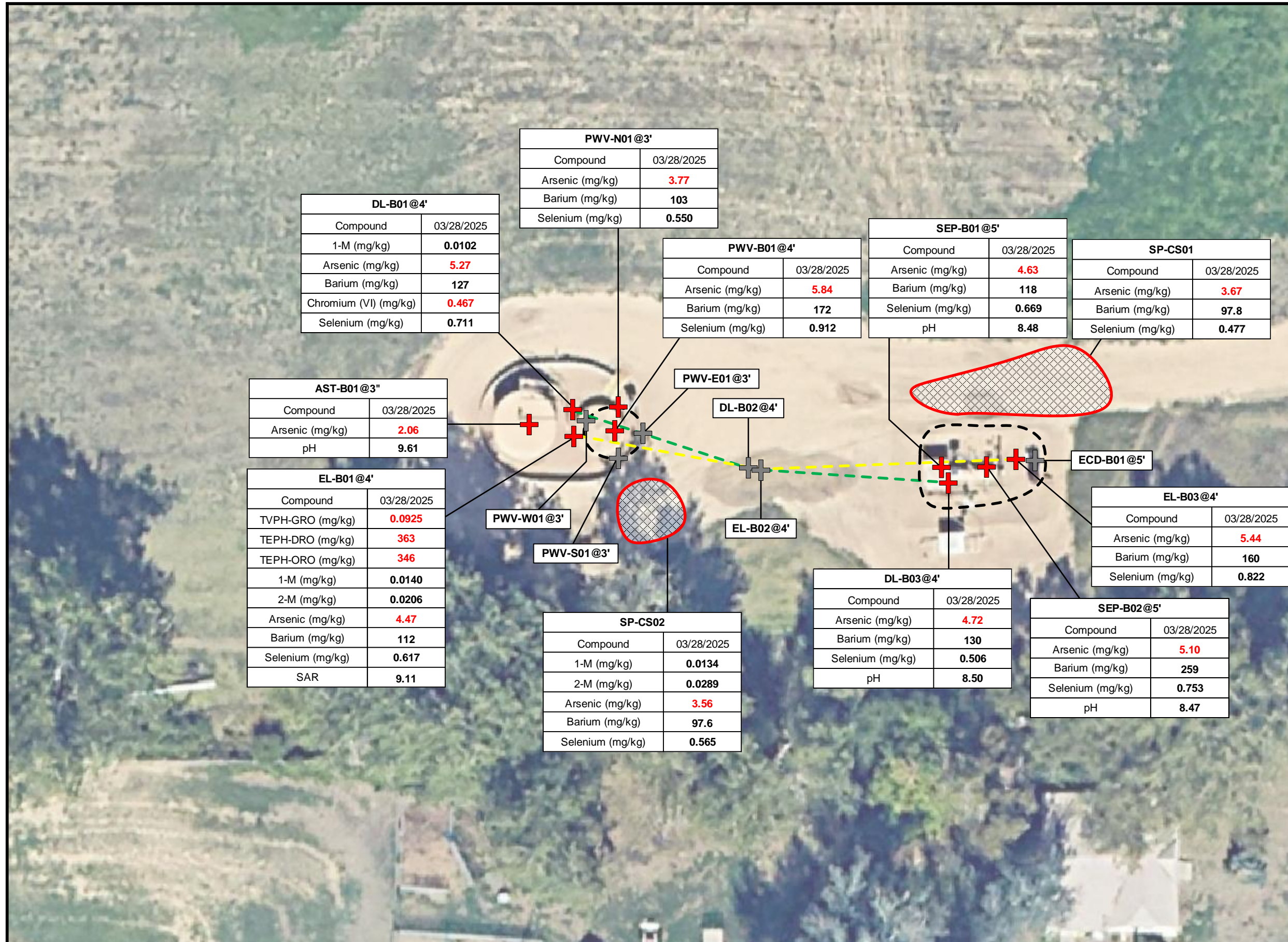
DATE:	April 2025
DESIGNED BY:	S. Vogt
DRAWN BY:	L. Reed



**Crestone Peak Resources Operating, LLC**  
**Alcorn-61N69W 10NWNW**  
 NWNE Sec. 10-T1N-R69W  
 Boulder County, Colorado

Site Location Map

**Figure**  
**1**



**Legend**

- + Soil sample location – Field Screened (Collected via Trimble GPS)
- + Soil sample location – Exceeded ECMC Table 915-1 Soil Standards (Collected via Trimble GPS)
- - - Excavation extent (Collected via Trimble GPS)
- ⊞ Stockpile location – Exceeded ECMC Table 915-1 Soil Standards (Collected via Trimble GPS)
- - - Dumpline Location
- - - Emissions Line Location

ECMC Table 915-1 Soil Standards	
Compound	Standard
TVPH-GRO (mg/kg)	500
TEPH-DRO (mg/kg)	
TEPH-ORO (mg/kg)	
1-M (mg/kg)	0.006 / 18
2-M (mg/kg)	0.019 / 24
Arsenic (mg/kg)	0.29 / 0.68
Barium (mg/kg)	82 / 15,000
Chromium (VI) (mg/kg)	0.00067 / 0.3
Selenium (mg/kg)	0.26 / 390
pH	6 - 8.3
SAR	< 6

**Notes**

Crestone Peak Resources Operating, LLC site infrastructure has been removed.

All locations are approximate unless otherwise noted.

GPS = Global Positioning System

ECMC = Colorado Energy & Carbon Management Commission

**BOLD** = Analytical result is in exceedance of ECMC Table 915-1 Residential Soil Screening Level Concentrations

**BOLD** = Analytical result is in exceedance of ECMC Table 915-1 Protection of Groundwater Soil Screening Level Concentrations or Soil Suitability for Reclamation Parameters

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

M = Methylnaphthalene

SAR = Sodium Adsorption Ratio

Chromium (VI) = Hexavalent Chromium

mg/kg = milligrams per kilogram

0 ft. 25 ft. 50 ft.

Image Source: Google Earth

DATE: April 23, 2025

DESIGNED BY: S. Vogt

DRAWN BY: G. Mather



**Tasman, Inc.**  
 6855 W119th Ave.  
 Broomfield, CO 80020

**Crestone Peak Resources Operating, LLC**  
 Alcorn-61N69W 10NWNE  
 NWNE Sec. 10-T1N-R69W  
 Boulder County, Colorado

Facility Soil Sample  
 Location Map  
 (03/28/2025)

Figure  
 2

# **TABLES**

**TABLE 1**  
**ALCORN-61N69W 10NWNE**  
**SOIL SAMPLE LOCATIONS**  
**CRESTONE PEAK RESOURCES OPERATING, LLC**



Soil Sample Location	Depth	Date	PID Reading (ppm)	Latitude	Longitude	GPS PDOP Value	Lab (Y/N)
AST-B01@3"	3"	03/28/2025	1.6	40.069431	-105.098835	0.9	Y
ECD-B01@5'	5'	03/28/2025	11.4	40.069407	-105.098394	1.1	N
PWV-B01@4'	4'	03/28/2025	4.4	40.069426	-105.098758	-	Y
PWV-N01@3'	3'	03/28/2025	8.5	40.069444	-105.098754	0.9	Y
PWV-S01@3'	3'	03/28/2025	6.4	40.069410	-105.098754	0.9	N
PWV-E01@3'	3'	03/28/2025	6.8	40.069425	-105.098734	1	N
PWV-W01@3'	3'	03/28/2025	5.5	40.069434	-105.098785	0.8	N
SEP-B01@5'	5'	03/28/2025	15.6	40.069397	-105.098465	0.9	Y
SEP-B02@5'	5'	03/28/2025	2.5	40.069400	-105.098432	1	Y
SP-CS01	-	03/28/2025	1.9	40.069450	-105.098441	-	Y
DL-B01@4'	4'	03/28/2025	138.0	40.069441	-105.098795	1.2	Y
DL-B02@4'	4'	03/28/2025	2.5	40.069400	-105.098636	1.1	N
DL-B03@4'	4'	03/28/2025	12.5	40.069392	-105.098460	1.1	Y
EL-B01@4'	4'	03/28/2025	18.3	40.069423	-105.098792	1	Y
EL-B02@4'	4'	03/28/2025	0.9	40.069400	-105.098630	1.1	N
EL-B03@4'	4'	03/28/2025	2.5	40.069403	-105.098405	1	Y
SP-CS02	-	03/28/2025	6.4	40.069318	-105.098743	-	Y

**Notes:**

PID = Photoionization Detector

ppm = parts per million

GPS = Global Positioning System

PDOP = Position Dilution of Precision

- = Not applicable

**TABLE 2**  
**ALCORN-61N69W 10NWN**  
**SOIL ANALYTICAL DATA - VOCs**  
**CRESTONE PEAK RESOURCES OPERATING, LLC**



Soil Sample Location	Depth	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)
ECMC Organic Compounds in Soils - GSSL <sup>(1)</sup>			0.0026	0.69	0.78	9.9	0.0038	500			0.0081	0.0087
ECMC Organic Compounds in Soils - RSL <sup>(2)</sup>			1.2	490	5.8	58	2	500			30	27
AST-B01@3"	3"	03/28/2025	<0.000467	0.00210	<0.000737	<0.000880	<0.00579	0.0383	<1.61	<0.274	<0.00158	<0.00200
PWV-B01@4'	4'	03/28/2025	<0.000467	0.00228	<0.000737	<0.000880	<0.00579	0.0555	3.15	11.6	<0.00158	<0.00200
PWV-N01@3'	3'	03/28/2025	<0.000467	0.00225	<0.000737	<0.000880	<0.00579	0.0471	4.92	8.50	<0.00158	<0.00200
SEP-B01@5'	5'	03/28/2025	0.000750	0.00463	<0.000737	0.00653	<0.00579	0.0663	25.5	33.9	<0.00158	0.00395
SEP-B02@5'	5'	03/28/2025	<0.000467	0.00255	<0.000737	<0.000880	<0.00579	0.0679	7.12	11.5	<0.00158	<0.00200
SP-CS01	-	03/28/2025	<0.000467	0.00260	<0.000737	<0.000880	<0.00579	0.0425	34.8	51.6	<0.00158	<0.00200
DL-B01@4'	4'	03/28/2025	<0.000467	0.00202	<0.000737	<0.000880	<0.00579	0.127	91.6	100	<0.00158	<0.00200
DL-B03@4'	4'	03/28/2025	<0.000467	0.00270	<0.000737	<0.000880	<0.00579	0.0737	61.7	87.6	<0.00158	0.00225
EL-B01@4'	4'	03/28/2025	<0.000467	0.00225	<0.000737	<0.000880	<0.00579	<b>0.0925</b>	<b>363</b>	<b>346</b>	0.00160	<0.00200
EL-B03@4'	4'	03/28/2025	<0.000467	0.00238	<0.000737	<0.000880	<0.00579	0.0485	3.95	3.99	<0.00158	<0.00200
SP-CS02	-	03/28/2025	<0.000467	0.00238	<0.000737	<0.000880	<0.00579	0.0570	33.9	25.6	<0.00158	<0.00200

**Notes:**

VOCs = Volatile Organic Compounds

(1) Standards for soil are taken from ECMC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations (Effective January 15, 2021)

(2) Standards for soil are taken from ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations (Effective January 15, 2021)

ECMC = Colorado Energy & Carbon Management Commission

GSSL = Protection of Groundwater Screening Level

RSL = Residential Soil Screening Level

(<) = 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 ECMC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations

**BOLD** = Analytical result is in exceedance of ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations

- = Not applicable or constituent not analyzed

*Italics* = Laboratory minimum detection limit exceeds the ECMC Table 915-1 standard

**TABLE 3**  
**ALCORN-61N69W 10NWN**  
**SOIL ANALYTICAL DATA - PAHs**  
**CRESTONE PEAK RESOURCES OPERATING, LLC**



Soil Sample Location	Depth	Date	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)A (mg/kg)	Benzo(b)F (mg/kg)	Benzo(k)F (mg/kg)	Benzo(a)P (mg/kg)	Chrysene (mg/kg)	D (a,h) A (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	1,2,3-CD (mg/kg)	1-M (mg/kg)	2-M (mg/kg)	Pyrene (mg/kg)
ECMC Organic Compounds in Soils - GSSL <sup>(1)</sup>			0.55	5.8	0.011	0.3	2.9	0.24	9	0.96	8.9	0.54	0.98	0.006	0.019	1.3
ECMC Organic Compounds in Soils - RSL <sup>(2)</sup>			360	1,800	1.1	1.1	11	0.11	110	0.11	240	240	1.1	18	24	180
AST-B01@3"	3"	03/28/2025	<0.00162	<0.00163	<0.00200	<0.00163	<0.00275	<0.00213	<0.00206	<0.00201	<0.00239	<0.00180	<0.00234	<0.00219	<0.00571	<0.00205
PWV-B01@4'	4'	03/28/2025	<0.00162	<0.00163	<0.00200	<0.00163	<0.00275	<0.00213	<0.00206	<0.00201	<0.00239	<0.00180	<0.00234	<0.00219	<0.00571	<0.00205
PWV-N01@3'	3'	03/28/2025	<0.00162	<0.00163	<0.00200	<0.00163	<0.00275	<0.00213	0.00223	<0.00201	0.00344	<0.00180	<0.00234	<0.00219	<0.00571	0.00342
SEP-B01@5'	5'	03/28/2025	<0.00162	<0.00163	<0.00200	<0.00163	<0.00275	<0.00213	<0.00206	<0.00201	<0.00239	<0.00180	<0.00234	<0.00219	<0.00571	<0.00205
SEP-B02@5'	5'	03/28/2025	<0.00162	<0.00163	<0.00200	<0.00163	<0.00275	<0.00213	<0.00206	<0.00201	<0.00239	<0.00180	<0.00234	<0.00219	<0.00571	<0.00205
SP-CS01	-	03/28/2025	<0.00162	<0.00163	<0.00200	<0.00163	<0.00275	<0.00213	<0.00206	<0.00201	<0.00239	<0.00180	<0.00234	0.00295	<0.00571	0.00221
DL-B01@4'	4'	03/28/2025	<0.00162	<0.00163	<0.00200	<0.00163	<0.00275	<0.00213	<0.00206	<0.00201	<0.00239	0.00248	<0.00234	<b>0.0102</b>	0.0124	0.00278
DL-B03@4'	4'	03/28/2025	<0.00162	<0.00163	<0.00200	<0.00163	<0.00275	<0.00213	<0.00206	<0.00201	<0.00239	<0.00180	<0.00234	<0.00219	<0.00571	<0.00205
EL-B01@4'	4'	03/28/2025	<0.00162	0.00308	<0.00200	<0.00163	<0.00275	<0.00213	<0.00206	<0.00201	<0.00239	0.00446	<0.00234	<b>0.0140</b>	<b>0.0206</b>	0.00322
EL-B03@4'	4'	03/28/2025	<0.00162	<0.00163	<0.00200	<0.00163	<0.00275	<0.00213	<0.00206	<0.00201	<0.00239	<0.00180	<0.00234	<0.00219	<0.00571	<0.00205
SP-CS02	-	03/28/2025	<0.00162	<0.00163	<0.00200	<0.00163	<0.00275	<0.00213	<0.00206	<0.00201	<0.00239	0.00281	<0.00234	<b>0.0134</b>	<b>0.0289</b>	<0.00205

**Notes:**

PAHs = Polycyclic Aromatic Hydrocarbons

(1) Standards for soil are taken from ECMC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations (Effective January 15, 2021)

(2) Standards for soil are taken from ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations (Effective January 15, 2021)

ECMC = Colorado Energy & Carbon Management Commission

GSSL = Protection of Groundwater Screening Level

RSL = Residential Soil Screening Level

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

mg/kg = milligrams per kilogram

Benzo(a)A = Benzo(a)Anthracene

Benzo(b)F = Benzo(b)Fluoranthene

Benzo(k)F = Benzo(k)Fluoranthene

Benzo(a)P = Benzo(a)Pyrene

D (a,h) A = Dibenz(a,h)Anthracene

1,2,3-CD = Indeno(1,2,3-cd)Pyrene

1-M = 1-Methylnaphthalene

2-M = 2-Methylnaphthalene

**BOLD** = Analytical result is in exceedance of ECMC Table 915-1: Organic Compounds in Soils - Protection of Groundwater Soil Screening Level Concentrations

**BOLD** = Analytical result is in exceedance of ECMC Table 915-1: Organic Compounds in Soils - Residential Soil Screening Level Concentrations

**TABLE 3**  
**ALCORN-61N69W 10NWNE**  
**SOIL ANALYTICAL DATA - PAHs**  
**CRESTONE PEAK RESOURCES OPERATING, LLC**



Soil Sample Location	Depth	Date	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)A (mg/kg)	Benzo(b)F (mg/kg)	Benzo(k)F (mg/kg)	Benzo(a)P (mg/kg)	Chrysene (mg/kg)	D (a,h) A (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	1,2,3-CD (mg/kg)	1-M (mg/kg)	2-M (mg/kg)	Pyrene (mg/kg)
ECMC Organic Compounds in Soils - GSSL <sup>(1)</sup>			0.55	5.8	0.011	0.3	2.9	0.24	9	0.96	8.9	0.54	0.98	0.006	0.019	1.3
ECMC Organic Compounds in Soils - RSL <sup>(2)</sup>			360	1,800	1.1	1.1	11	0.11	110	0.11	240	240	1.1	18	24	180

- = Not applicable or constituent not analyzed

**TABLE 4**  
**ALCORN-61N69W 10NWN**  
**SOIL ANALYTICAL DATA - METALS**  
**CRESTONE PEAK RESOURCES OPERATING, LLC**



Soil Sample Location	Depth	Date	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC Metals in Soils - GSSL <sup>(1)</sup>			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
ECMC Metals in Soils - RSL <sup>(2)</sup>			0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
AST-B01@3"	3"	03/28/2025	<b>2.06</b>	49.1	<0.0855	<0.379	13.5	5.89	12.2	0.233	<0.0865	27.6
PWV-B01@4'	4'	03/28/2025	<b>5.84</b>	<b>172</b>	0.205	<0.379	13.4	11.5	15.9	<b>0.912</b>	<0.0865	50.4
PWV-N01@3'	3'	03/28/2025	<b>3.77</b>	<b>103</b>	0.139	<0.379	8.82	8.20	10.9	<b>0.550</b>	<0.0865	35.4
SEP-B01@5'	5'	03/28/2025	<b>4.63</b>	<b>118</b>	0.177	<0.379	10.9	10.3	12.2	<b>0.669</b>	<0.0865	41.2
SEP-B02@5'	5'	03/28/2025	<b>5.10</b>	<b>259</b>	0.171	<0.379	12.3	11.0	15.1	<b>0.753</b>	<0.0865	48.6
SP-CS01	-	03/28/2025	<b>3.67</b>	<b>97.8</b>	0.215	<0.379	9.62	8.53	9.99	<b>0.477</b>	<0.0865	34.7
DL-B01@4'	4'	03/28/2025	<b>5.27</b>	<b>127</b>	0.259	<b>0.467</b>	12.0	12.1	13.8	<b>0.711</b>	<0.0865	48.0
DL-B03@4'	4'	03/28/2025	<b>4.72</b>	<b>130</b>	0.196	<0.379	11.8	11.1	13.0	<b>0.506</b>	<0.0865	45.3
EL-B01@4'	4'	03/28/2025	<b>4.47</b>	<b>112</b>	0.143	<0.379	10.2	11.3	11.9	<b>0.617</b>	<0.0865	41.7
EL-B03@4'	4'	03/28/2025	<b>5.44</b>	<b>160</b>	0.235	<0.379	13.4	11.8	15.9	<b>0.822</b>	<0.0865	53.2
SP-CS02	-	03/28/2025	<b>3.56</b>	<b>97.6</b>	0.132	<0.379	9.48	8.45	10.2	<b>0.565</b>	<0.0865	36.4

**Notes:**

(1) Standards for soil are taken from ECMC Table 915-1: Metals in Soils - Protection of Groundwater Soil Screening Level Concentrations (Effective January 15, 2021)

(2) Standards for soil are taken from ECMC Table 915-1: Metals in Soils - Residential Soil Screening Level Concentrations (Effective January 15, 2021)

ECMC = Colorado Energy & Carbon Management Commission

GSSL = Protection of Groundwater Screening Level

RSL = Residential Soil Screening Level

Chromium (VI) = Hexavalent Chromium

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

mg/kg = milligrams per kilogram

**BOLD** = Analytical result is in exceedance of ECMC Table 915-1: Metals in Soils - Protection of Groundwater Soil Screening Level Concentrations

**BOLD** = Analytical result is in exceedance of ECMC Table 915-1: Metals in Soils - Residential Soil Screening Level Concentrations

*Italics* = Laboratory minimum detection limit exceeds the ECMC Table 915-1 Standard

- = Not applicable or constituent not analyzed

**TABLE 5**  
**ALCORN-61N69W 10NWNE**  
**SOIL ANALYTICAL DATA - SOIL RECLAMATION**  
**CRESTONE PEAK RESOURCES OPERATING, LLC**



Soil Sample Location	Depth	Date	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
<b>ECMC Soil Suitability for Reclamation<sup>(1)</sup></b>			<b>6 - 8.3</b>	<b>&lt; 6</b>	<b>&lt; 4</b>	<b>2</b>
AST-B01@3"	3"	03/28/2025	<b>9.61</b>	2.23	0.174	0.0664
PWV-B01@4'	4'	03/28/2025	8.28	0.498	0.293	0.205
PWV-N01@3'	3'	03/28/2025	8.26	0.0907	0.167	0.179
SEP-B01@5'	5'	03/28/2025	<b>8.48</b>	0.582	1.29	0.899
SEP-B02@5'	5'	03/28/2025	<b>8.47</b>	3.06	0.337	0.385
SP-CS01	-	03/28/2025	8.19	1.00	0.241	0.779
DL-B01@4'	4'	03/28/2025	7.96	0.206	0.262	0.217
DL-B03@4'	4'	03/28/2025	<b>8.50</b>	4.45	1.08	0.869
EL-B01@4'	4'	03/28/2025	8.02	<b>9.11</b>	0.244	0.266
EL-B03@4'	4'	03/28/2025	8.28	0.451	0.225	0.164
SP-CS02	-	03/28/2025	8.03	0.303	0.174	0.147

**Notes:**

(1) Standards for soil are taken from ECMC Table 915-1: Soil Suitability for Reclamation (Effective January 15, 2021)

ECMC = Colorado Energy & Carbon Management Commission

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

mmhos/cm = millimhos per centimeter

mg/L = milligrams per liter

pH = Potential of Hydrogen

SAR = Sodium Adsorption Ratio

EC = Electrical Conductivity

**BOLD** = Analytical result is in exceedance of ECMC Table 915-1: Soil Suitability for Reclamation Concentrations

- = Not applicable or constituent not analyzed