

Energy & Carbon Management Commission

# PCU FED/B27-197, #485795 Annotation Report



Created on March 28, 2025

Captured on March 25, 2025



**Point** 

NAD83(2011) / Colorado North (ftUS) (US survey foot)

Label	Title	Elevation	Lat, Long	Northing, Easting
1 	Signage	-5.30 US ft	39.9416167, -108.2695236	1233705.2 US ft, 2223570.0 US ft
2 	Cellars	-5.18 US ft	39.9411221, -108.2692110	1233522.4 US ft, 2223652.0 US ft
3 	Fill Slopes	-29.67 US ft	39.9412130, -108.2700419	1233562.8 US ft, 2223420.2 US ft
4 	Slopes, ROW	-13.69 US ft	39.9401842, -108.2695794	1233184.2 US ft, 2223538.1 US ft
5 	Cut Slopes	1.45 US ft	39.9400734, -108.2691784	1233140.3 US ft, 2223649.2 US ft
6 	Hydromulch	-17.93 US ft	39.9414545, -108.2684569	1233636.8 US ft, 2223867.1 US ft
7 	Berm- Perimeter of WPS	-2.96 US ft	39.9415081, -108.2698938	1233668.9 US ft, 2223465.0 US ft
8 	Outlet	-68.52 US ft	39.9411750, -108.2703469	1233551.6 US ft, 2223334.3 US ft
9 	Unused materials	-4.50 US ft	39.9417439, -108.2694895	1233751.3 US ft, 2223581.0 US ft
10 	Perimeter Berm- toe of fill slopes	-29.36 US ft	39.9418736, -108.2690516	1233794.6 US ft, 2223705.2 US ft
11 	Erosion Log	-20.83 US ft	39.9411029, -108.2683623	1233508.0 US ft, 2223889.7 US ft
12 	Erosion Log	-17.64 US ft	39.9409026, -108.2682056	1233433.7 US ft, 2223931.3 US ft
13 	Erosion Log	-28.13 US ft	39.9412654, -108.2682449	1233566.1 US ft, 2223924.4 US ft
14 	Outlet	-51.48 US ft	39.9419813, -108.2687691	1233831.4 US ft, 2223785.6 US ft
15 	Outlet	-30.59 US ft	39.9403056, -108.2697435	1233229.8 US ft, 2223493.5 US ft
16 	Erosion Log	-3.11 US ft	39.9400211, -108.2695168	1233124.2 US ft, 2223553.8 US ft
17 	Trash/Debris	0.08 US ft	39.9401808, -108.2688271	1233176.3 US ft, 2223748.9 US ft
18 	Improper storage	-7.87 US ft	39.9408213, -108.2697824	1233417.9 US ft, 2223488.5 US ft
19 	Retaining Wall	-54.00 US ft	39.9411991, -108.2701941	1233559.0 US ft, 2223377.4 US ft
20 	Retaining Wall	-44.59 US ft	39.9418692, -108.2687999	1233790.8 US ft, 2223775.7 US ft
21 	Retaining Wall	-24.10 US ft	39.9403465, -108.2696537	1233243.9 US ft, 2223519.1 US ft

**Area** 

Label	Title	Horizontal Length	Horizontal Width	Area	Surface Area
22 	Total Disturbance Area	--	--	7.52 acres	8.14 acres
23 	Pad disturbance subject to 1002.b	--	--	6.01 acres	6.29 acres

### Volume

Label	Title	Area	Cut	Fill	Net	Tolerance
24 	Northeast Topsoil Stockpile	4692.87 ft <sup>2</sup>	473.34 yd <sup>3</sup>	2.87 yd <sup>3</sup>	-470.47 yd <sup>3</sup>	0 ft

25	● Eastern Topsoil Stockpile	0.25 acres	1263.51 yd <sup>3</sup>	138.19 yd <sup>3</sup>	-1125.33 yd <sup>3</sup>	0 ft
26	● Southern Topsoil Stockpile	0.43 acres	2837.94 yd <sup>3</sup>	17.18 yd <sup>3</sup>	-2820.76 yd <sup>3</sup>	0 ft
27	● Western Topsoil Stockpile	6681.13 ft <sup>2</sup>	942.38 yd <sup>3</sup>	5.52 yd <sup>3</sup>	-936.86 yd <sup>3</sup>	0 ft
28	● Northwest Topsoil Stockpile	3544.09 ft <sup>2</sup>	405.58 yd <sup>3</sup>	1.52 yd <sup>3</sup>	-404.06 yd <sup>3</sup>	0 ft
29	● SCB Basin #1	1217.76 ft <sup>2</sup>	0.68 yd <sup>3</sup>	132.33 yd <sup>3</sup>	131.65 yd <sup>3</sup>	0 ft
30	● SCB Basin #2	1078.75 ft <sup>2</sup>	0.11 yd <sup>3</sup>	137.71 yd <sup>3</sup>	137.60 yd <sup>3</sup>	0 ft
31	● SCB Basin #3	385.89 ft <sup>2</sup>	0.03 yd <sup>3</sup>	29.28 yd <sup>3</sup>	29.25 yd <sup>3</sup>	0 ft

Energy & Carbon Management Commission

# PCU FED/B27-197, #485795 Field Note Report



Created on March 28, 2025

Captured on March 25, 2025



No.	Type	Severity	Created	Status	Cost of Repair
1	📍 Observation	—	March 26, 2025	Open	—
2	📍 Observation	—	March 26, 2025	Open	—
3	📍 Observation	—	March 26, 2025	Open	—
4	📍 Observation	—	March 26, 2025	Open	—
5	📍 Observation	—	March 26, 2025	Open	—

Total: \$0.00

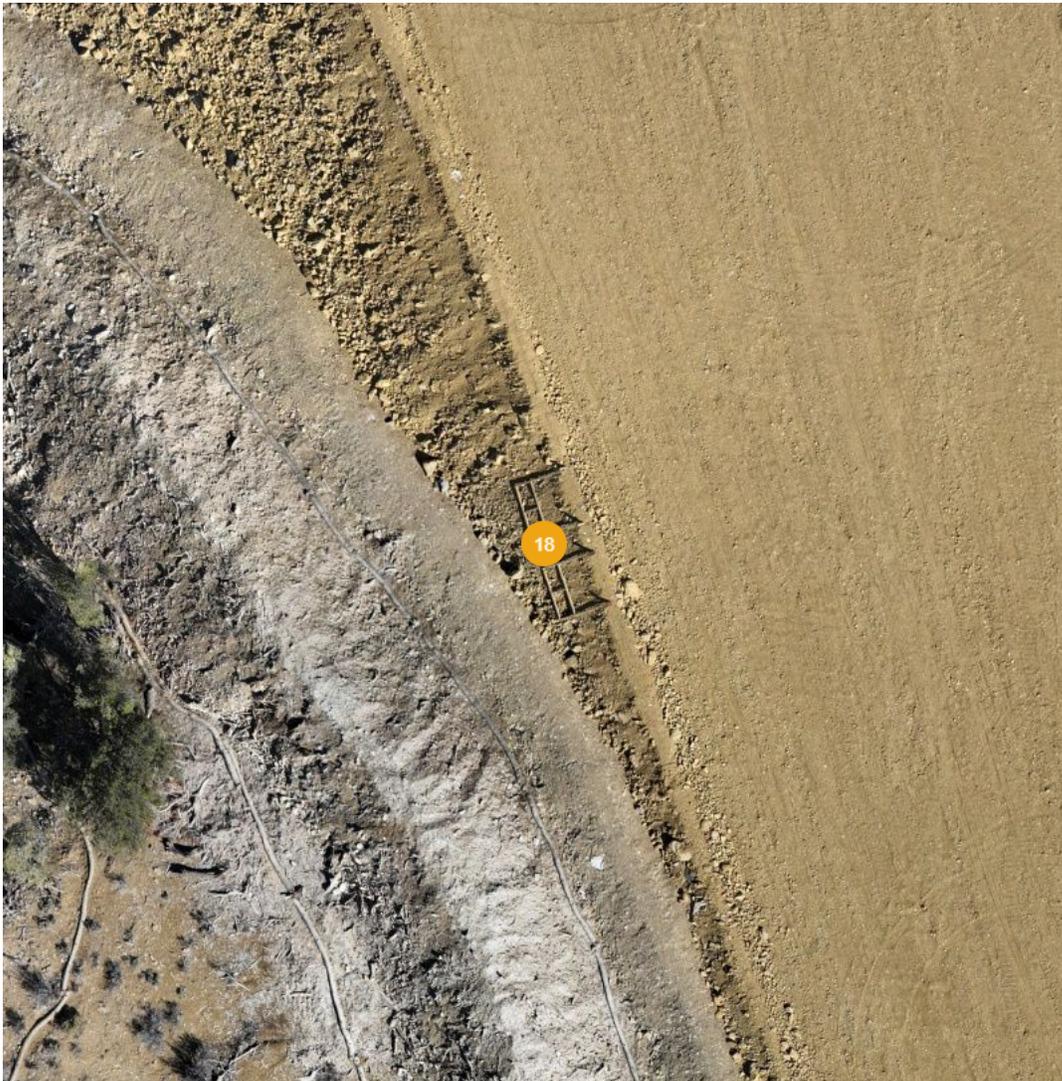
No.	Type	Severity	Created	Status	Cost of Repair
7	📍 Observation	—	March 27, 2025	Open	—
9	📍 Observation	—	March 27, 2025	Open	—
10	📍 Observation	—	March 27, 2025	Open	—
11	📍 Observation	—	March 27, 2025	Open	—
12	📍 Observation	—	March 27, 2025	Open	—
13	📍 Observation	—	March 27, 2025	Open	—
14	📍 Observation	—	March 27, 2025	Open	—
15	📍 Observation	—	March 27, 2025	Open	—
16	📍 Observation	—	March 27, 2025	Open	—
17	📍 Observation	—	March 27, 2025	Open	—
18	📍 Observation	—	March 27, 2025	Open	—

Total: \$0.00

18 - Observation

Open

Mar 25, 2025 at 11:11am



Details

Summary:

Equipment improperly stored on fill slopes of the Location.

Created:

Mar 27, 2025, 3:20pm by Aaron Trujillo

Cost of Repair:

—

Lat/Long:

39.9408213, -108.2697824

Northing:

1233417.9 US ft

Easting:

2223488.5 US ft

Elevation:

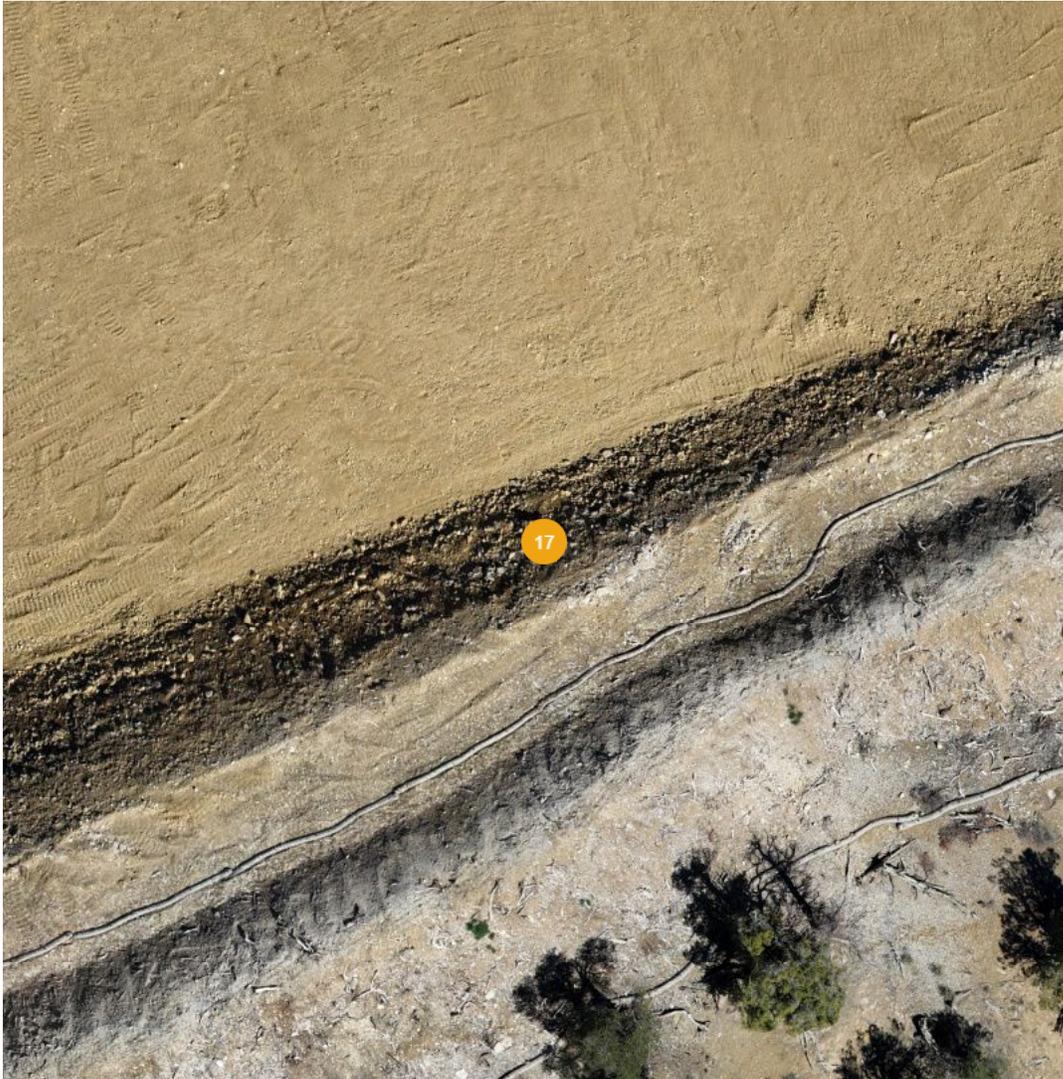
-7.87 US ft

NAD83(2011) / Colorado North (ftUS) (US survey foot)

17 - Observation

Open

Mar 25, 2025 at 11:11am



Details

Summary:

Created:

Cost of Repair:

Lat/Long:

Northing:

Easting:

Elevation:

Pallet. Requires removal

Mar 27, 2025, 3:20pm by Aaron Trujillo

—

39.9401808, -108.2688271

1233176.3 US ft

2223748.9 US ft

0.08 US ft

NAD83(2011) / Colorado North (ftUS) (US survey foot)

16 - Observation

Open

Mar 25, 2025 at 11:11am



Details

Summary:	Erosion log has been removed- perimeter controls at the topsoil stockpile missing or insufficient.
Created:	Mar 27, 2025, 3:18pm by Aaron Trujillo
Cost of Repair:	—
Lat/Long:	39.9400211, -108.2695168
Northing:	1233124.2 US ft
Easting:	2223553.8 US ft
Elevation:	-3.11 US ft

NAD83(2011) / Colorado North (ftUS) (US survey foot)

15 - Observation

Open

Mar 25, 2025 at 11:11am



Details

Summary: Outlet has not been constructed per good engineering practices. Outlet is inadequate in size as slope below rip-rap is bare; slopes are loose unconsolidated soil. Outlet has also not been constructed with geotextile lining in conjunction with the Rip-rap material.

Created: Mar 27, 2025, 3:14pm by Aaron Trujillo

Cost of Repair: —

Lat/Long: 39.9403056, -108.2697435

Northing: 1233229.8 US ft

Easting: 2223493.5 US ft

Elevation: -30.59 US ft

NAD83(2011) / Colorado North (ftUS) (US survey foot)

14 - Observation

Open

Mar 25, 2025 at 11:11am



Details

Summary: Outlet has not been constructed per good engineering practices; Outlet has not been constructed with geotextile lining in conjunction with the Rip-rap material.

Created: Mar 27, 2025, 3:10pm by Aaron Trujillo

Cost of Repair: —

Lat/Long: 39.9419813, -108.2687691

Northing: 1233831.4 US ft

Easting: 2223785.6 US ft

Elevation: -51.48 US ft

NAD83(2011) / Colorado North (ftUS) (US survey foot)

13 - Observation

Open

Mar 25, 2025 at 11:11am



Details

Summary:

Erosion Log in disrepair.

Created:

Mar 27, 2025, 3:10pm by Aaron Trujillo

Cost of Repair:

—

Lat/Long:

39.9412654, -108.2682449

Northing:

1233566.1 US ft

Easting:

2223924.4 US ft

Elevation:

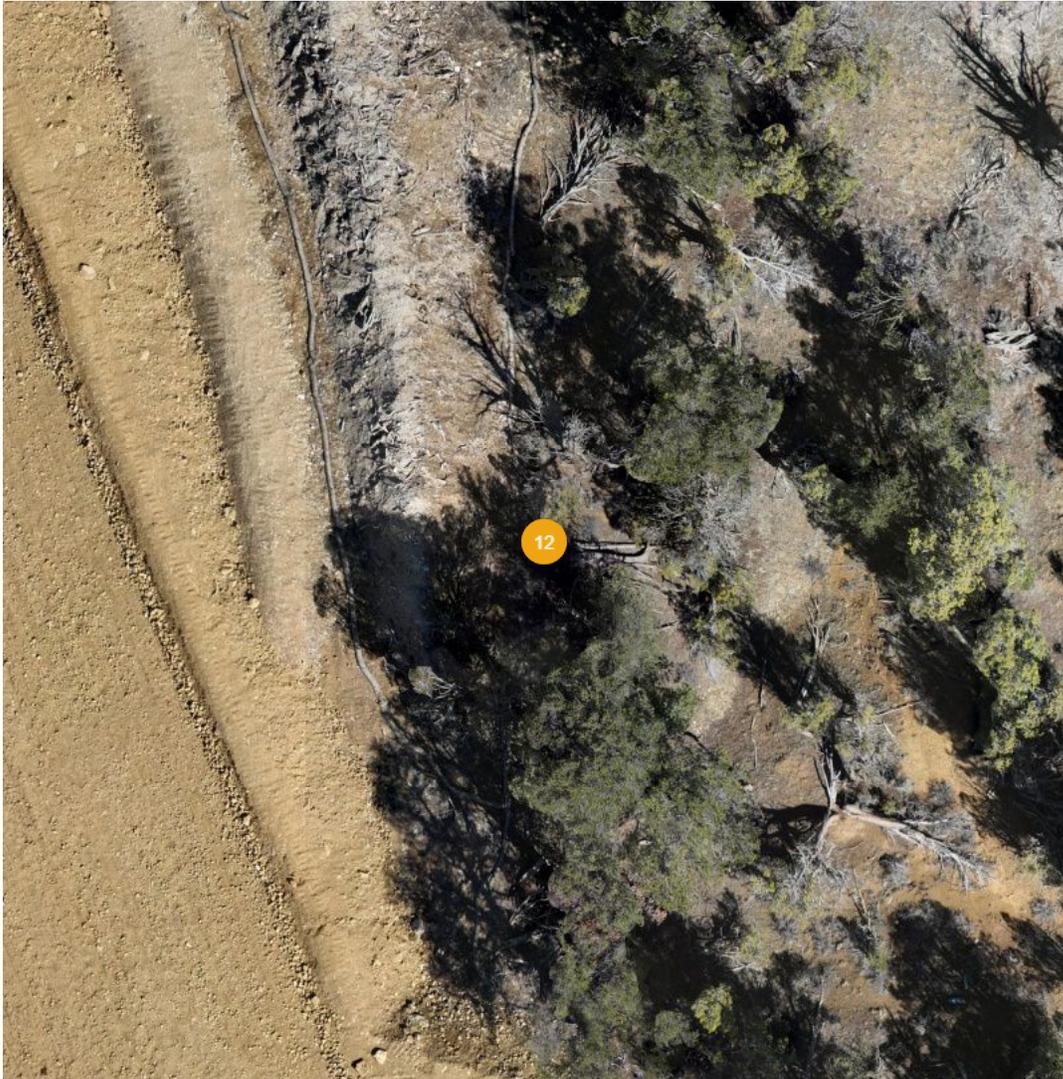
-28.13 US ft

NAD83(2011) / Colorado North (ftUS) (US survey foot)

12 - Observation

Open

Mar 25, 2025 at 11:11am



Details

Summary:

Created:

Cost of Repair:

Lat/Long:

Northing:

Easting:

Elevation:

Erosion Log ins disrepair

Mar 27, 2025, 3:09pm by Aaron Trujillo

—

39.9409026, -108.2682056

1233433.7 US ft

2223931.3 US ft

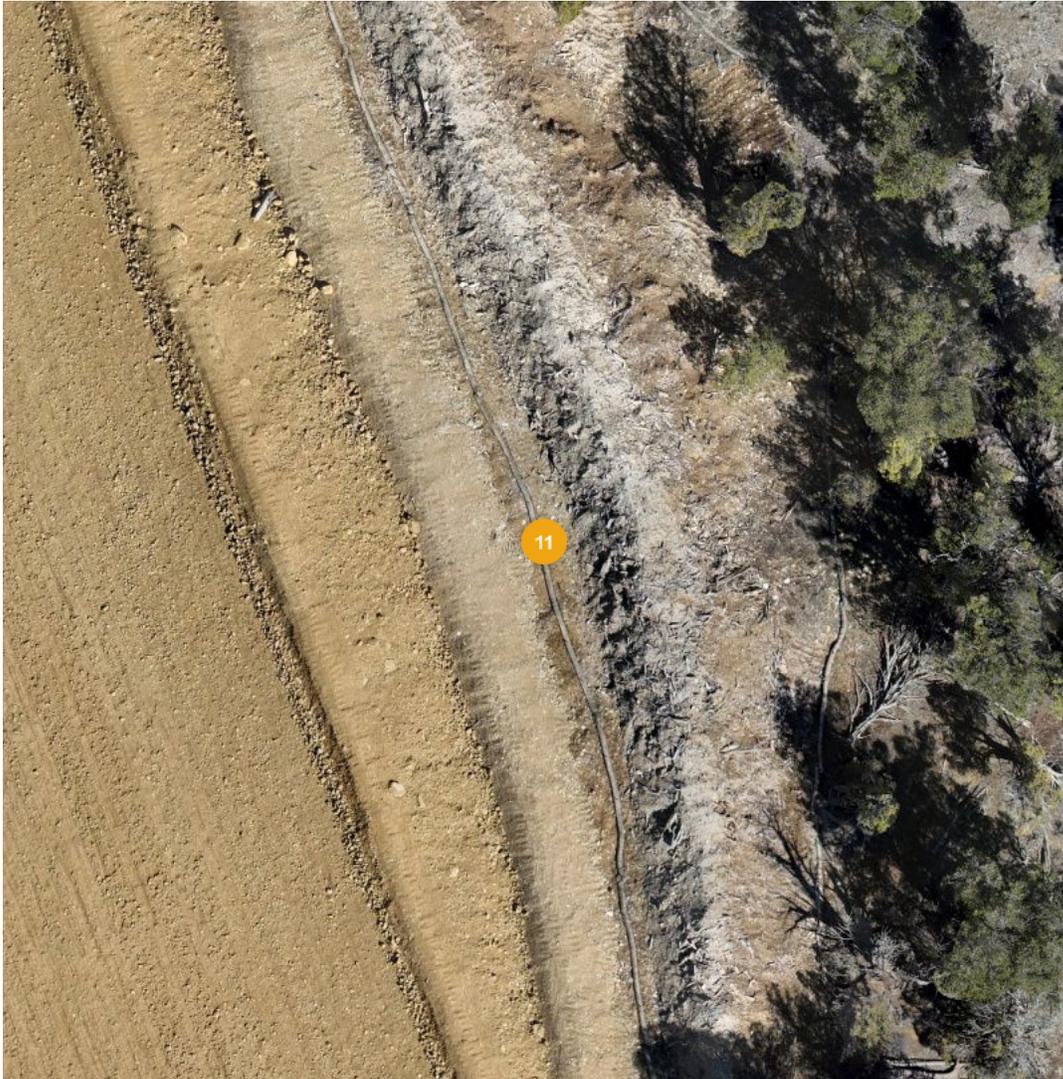
-17.64 US ft

NAD83(2011) / Colorado North (ftUS) (US survey foot)

11 - Observation

Open

Mar 25, 2025 at 11:11am



Details

Summary:

Erosion Log in disrepair.

Created:

Mar 27, 2025, 3:08pm by Aaron Trujillo

Cost of Repair:

—

Lat/Long:

39.9411029, -108.2683623

Northing:

1233508.0 US ft

Easting:

2223889.7 US ft

Elevation:

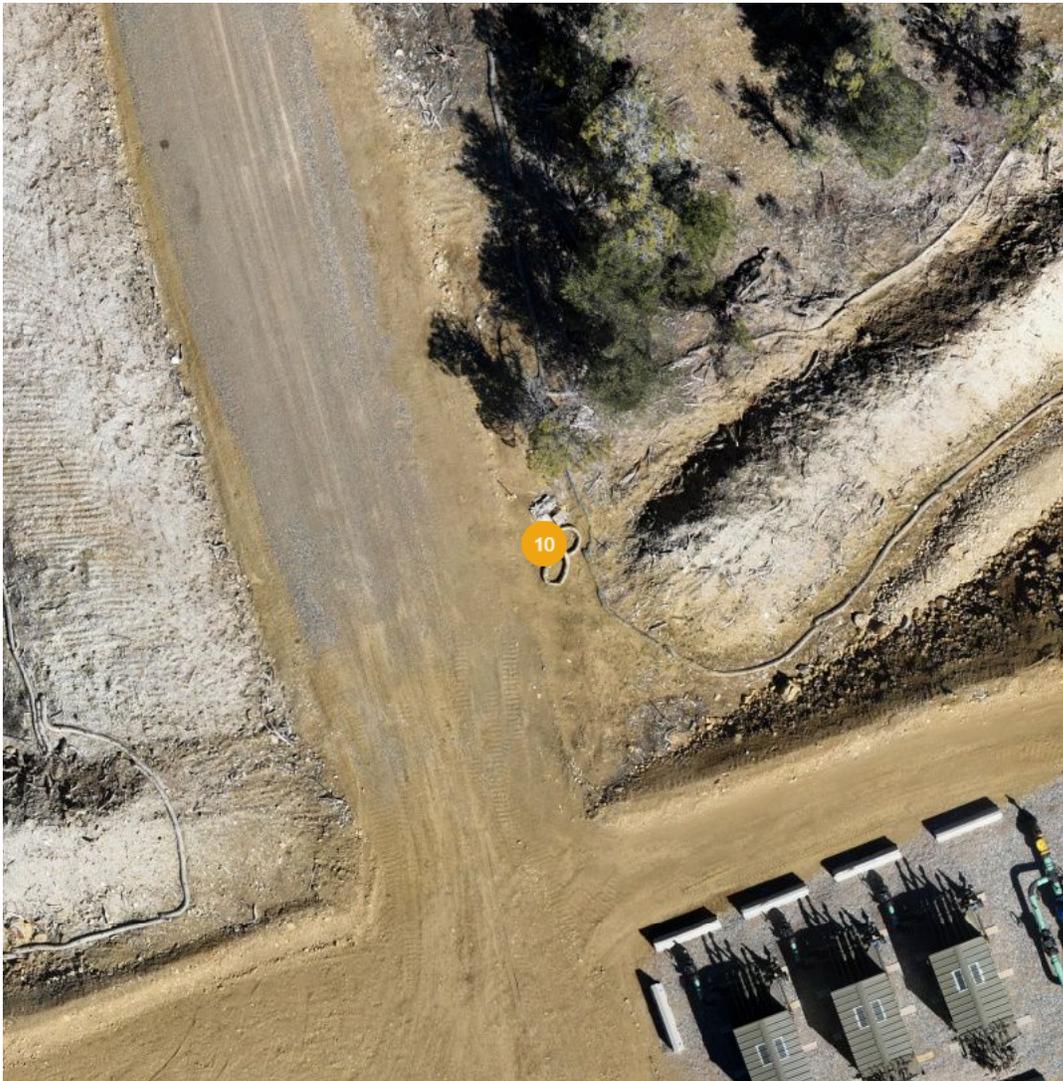
-20.83 US ft

NAD83(2011) / Colorado North (ftUS) (US survey foot)

10 - Observation

Open

Mar 25, 2025 at 11:11am



Details

Summary:

Requires removal

Created:

Mar 27, 2025, 3:07pm by Aaron Trujillo

Cost of Repair:

—

Lat/Long:

39.9417439, -108.2694895

Northing:

1233751.3 US ft

Easting:

2223581.0 US ft

Elevation:

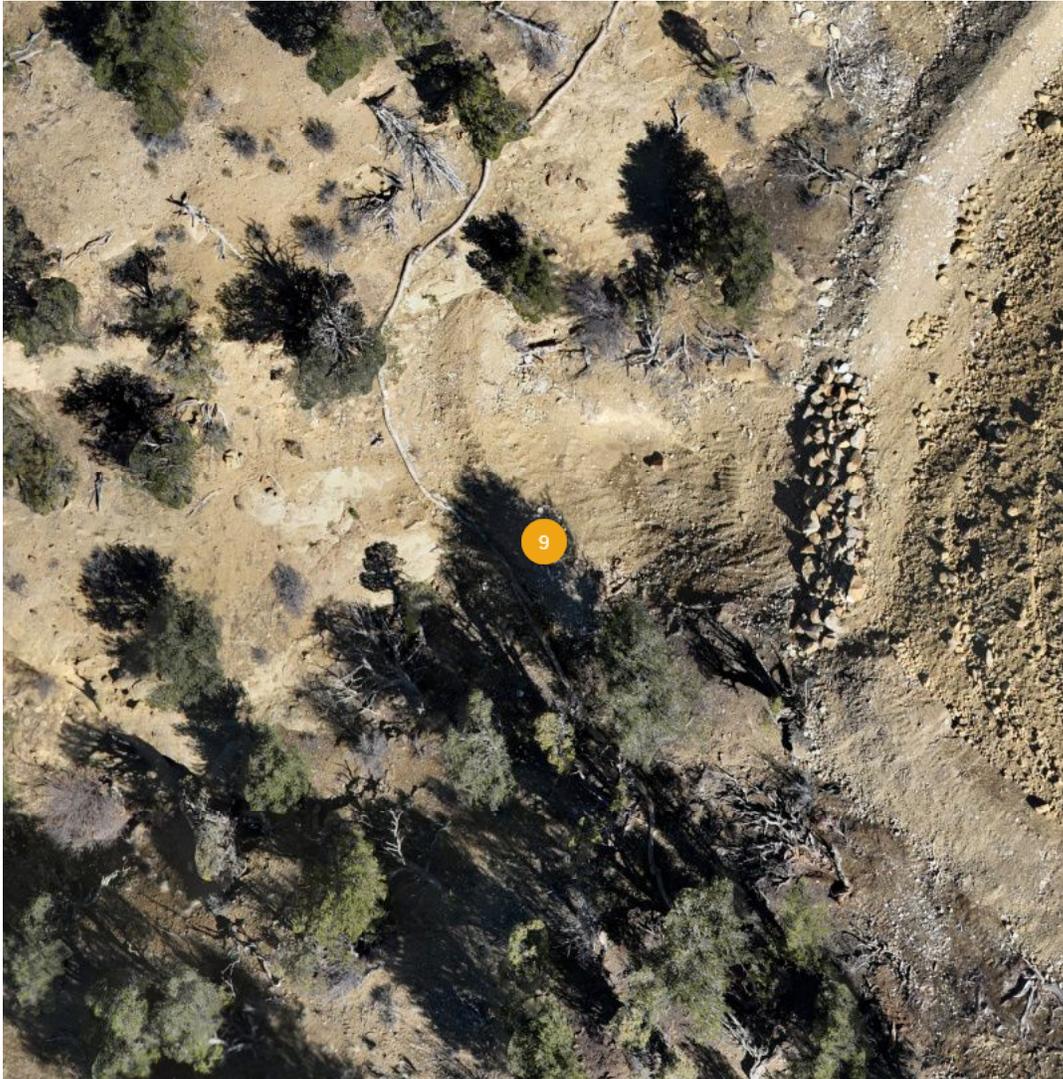
-4.50 US ft

NAD83(2011) / Colorado North (ftUS) (US survey foot)

9 - Observation

Open

Mar 25, 2025 at 11:11am



Details

Summary: Outlet has not been constructed per good engineering practices. Outlet is inadequate in size as slope below rip-rap is bare; slopes are loose unconsolidated soil. Outlet has also not been constructed with geotextile lining in conjunction with the Rip-rap material.

Created: Mar 27, 2025, 2:57pm by Aaron Trujillo

Cost of Repair: —

Lat/Long: 39.9411750, -108.2703469

Northing: 1233551.6 US ft

Easting: 2223334.3 US ft

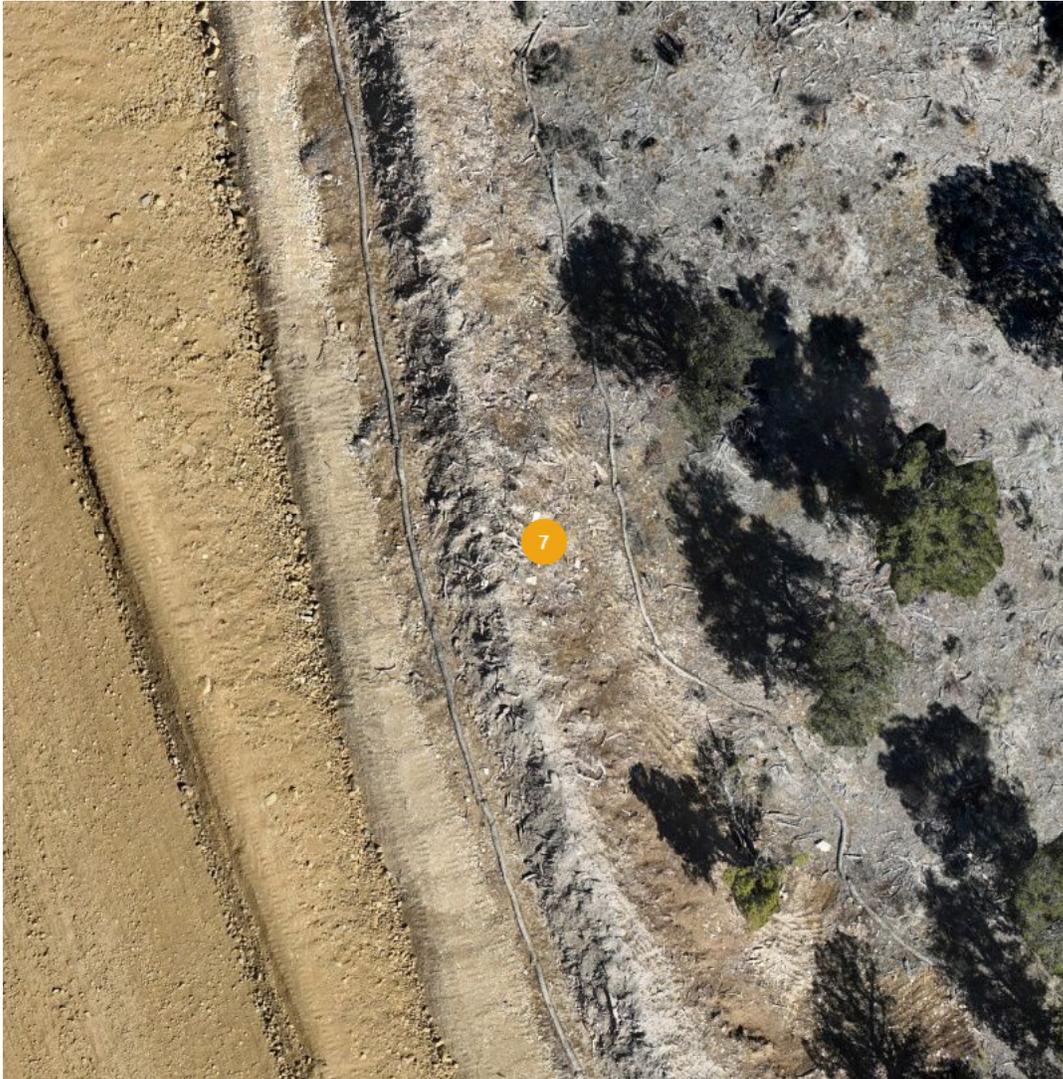
Elevation: -68.52 US ft

NAD83(2011) / Colorado North (ftUS) (US survey foot)

7 - Observation

Open

Mar 25, 2025 at 11:11am



Details

Summary: Hydromulch on eastern side of the topsoil stockpile has not been installed per good engineering, or maintained in proper functioning condition.

Created: Mar 27, 2025, 2:13pm by Aaron Trujillo

Cost of Repair: —

Lat/Long: 39.9414545, -108.2684569

Northing: 1233636.8 US ft

Easting: 2223867.1 US ft

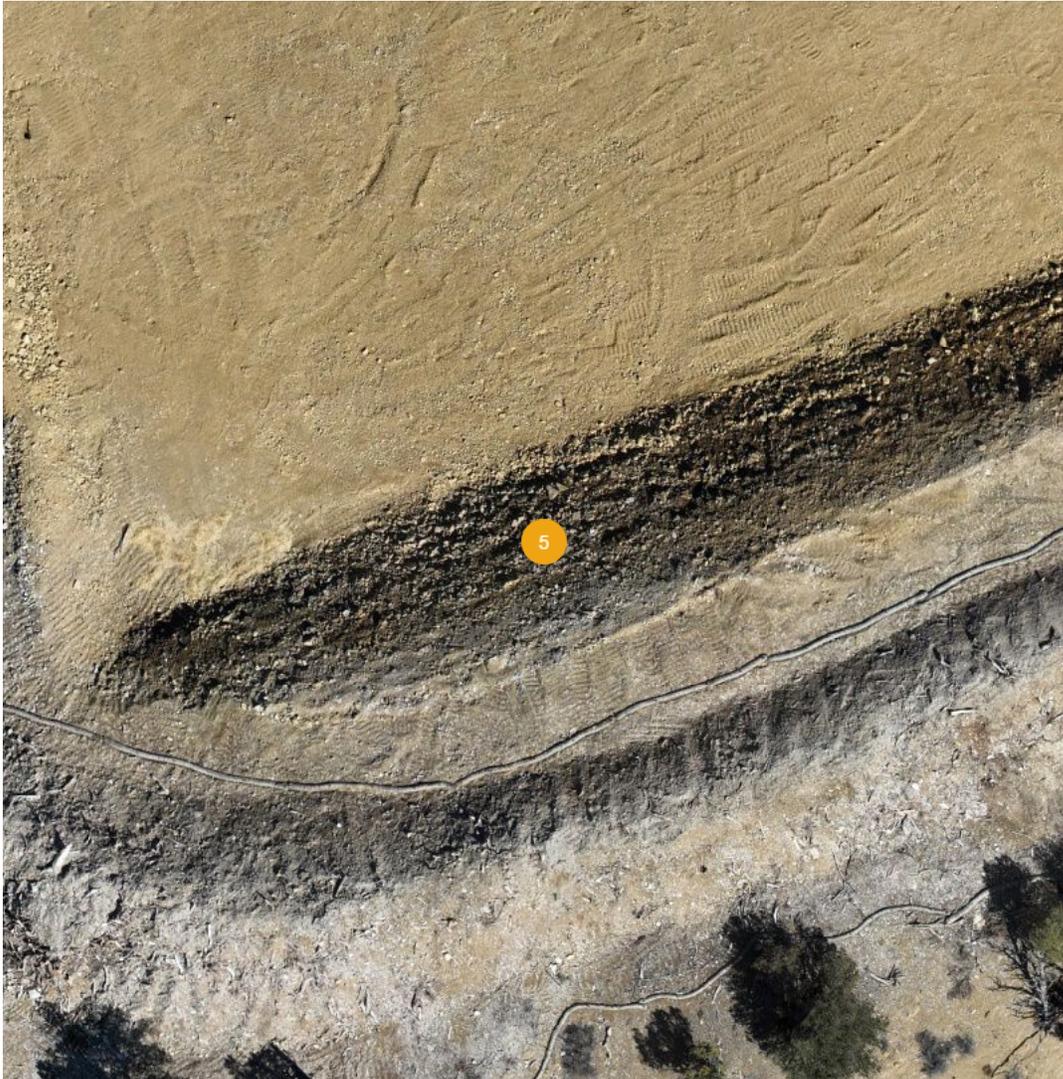
Elevation: -17.93 US ft

NAD83(2011) / Colorado North (ftUS) (US survey foot)

5 - Observation

Open

Mar 25, 2025 at 11:11am



Details

Summary: BMPs to stabilize the cut slopes, as well as to minimize erosion and degradation at the slopes are missing or insufficient.

Created: Mar 26, 2025, 11:27am by Aaron Trujillo

Cost of Repair: —

Lat/Long: 39.9400734, -108.2691784

Northing: 1233140.3 US ft

Easting: 2223649.2 US ft

Elevation: 1.45 US ft

NAD83(2011) / Colorado North (ftUS) (US survey foot)

4 - Observation

Open

Mar 25, 2025 at 11:11am



Details

Summary: BMPs to stabilize soils missing or insufficient. Erosion logs not installed per good engineering practices along sections.

Created: Mar 26, 2025, 11:25am by Aaron Trujillo

Cost of Repair: —

Lat/Long: 39.9401842, -108.2695794

Northing: 1233184.2 US ft

Easting: 2223538.1 US ft

Elevation: -13.69 US ft

NAD83(2011) / Colorado North (ftUS) (US survey foot)

3 - Observation

Open

Mar 25, 2025 at 11:11am



Details

Summary: BMPs to stabilize the fill slopes, as well as to minimize erosion and degradation at the slopes are missing or insufficient.

Created: Mar 26, 2025, 11:24am by Aaron Trujillo

Cost of Repair: —

Lat/Long: 39.9412130, -108.2700419

Northing: 1233562.8 US ft

Easting: 2223420.2 US ft

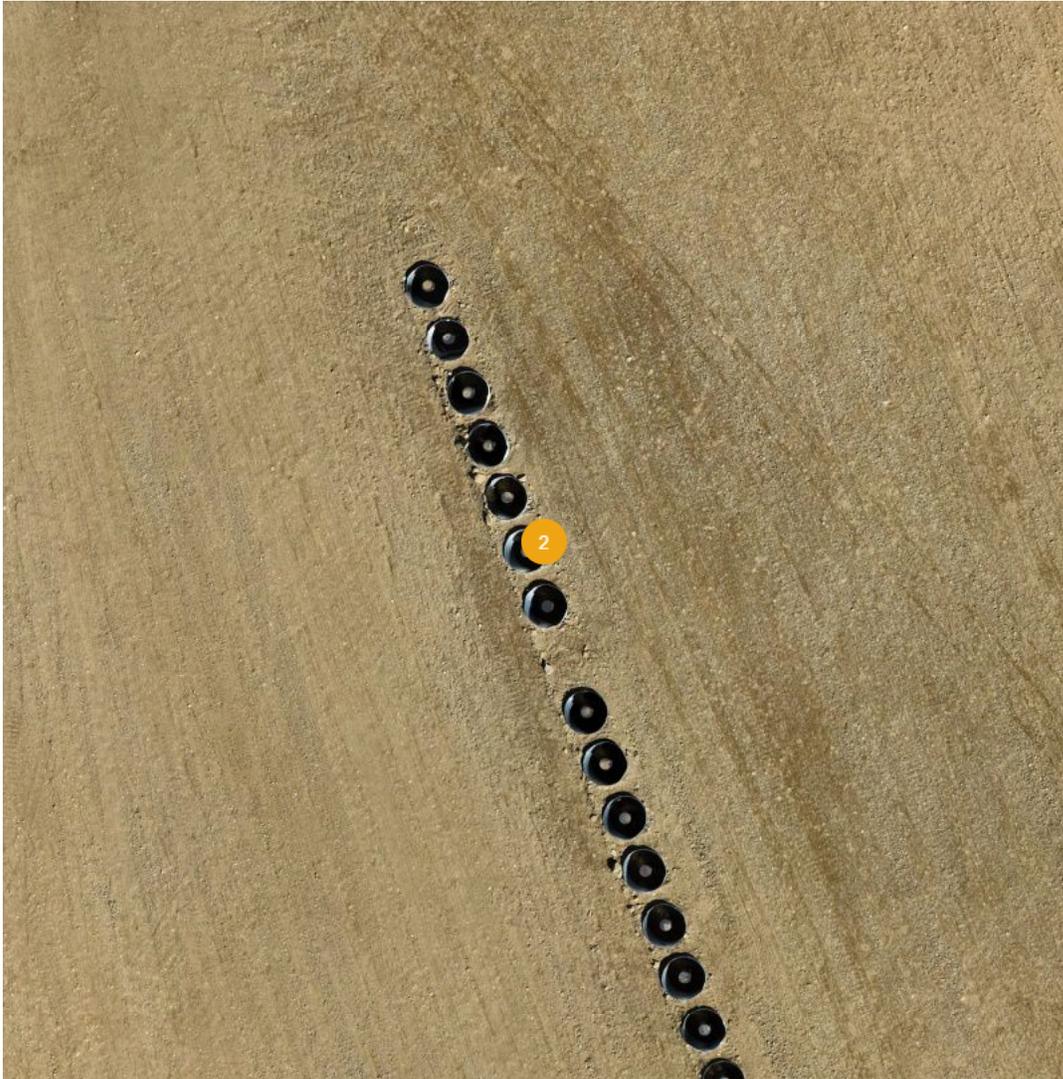
Elevation: -29.67 US ft

NAD83(2011) / Colorado North (ftUS) (US survey foot)

2 - Observation

Open

Mar 25, 2025 at 11:11am



Details

Summary:

Cellars have not been covered pursuant to Rule 406.e

Created:

Mar 26, 2025, 11:22am by Aaron Trujillo

Cost of Repair:

—

Lat/Long:

39.9411221, -108.2692110

Northing:

1233522.4 US ft

Easting:

2223652.0 US ft

Elevation:

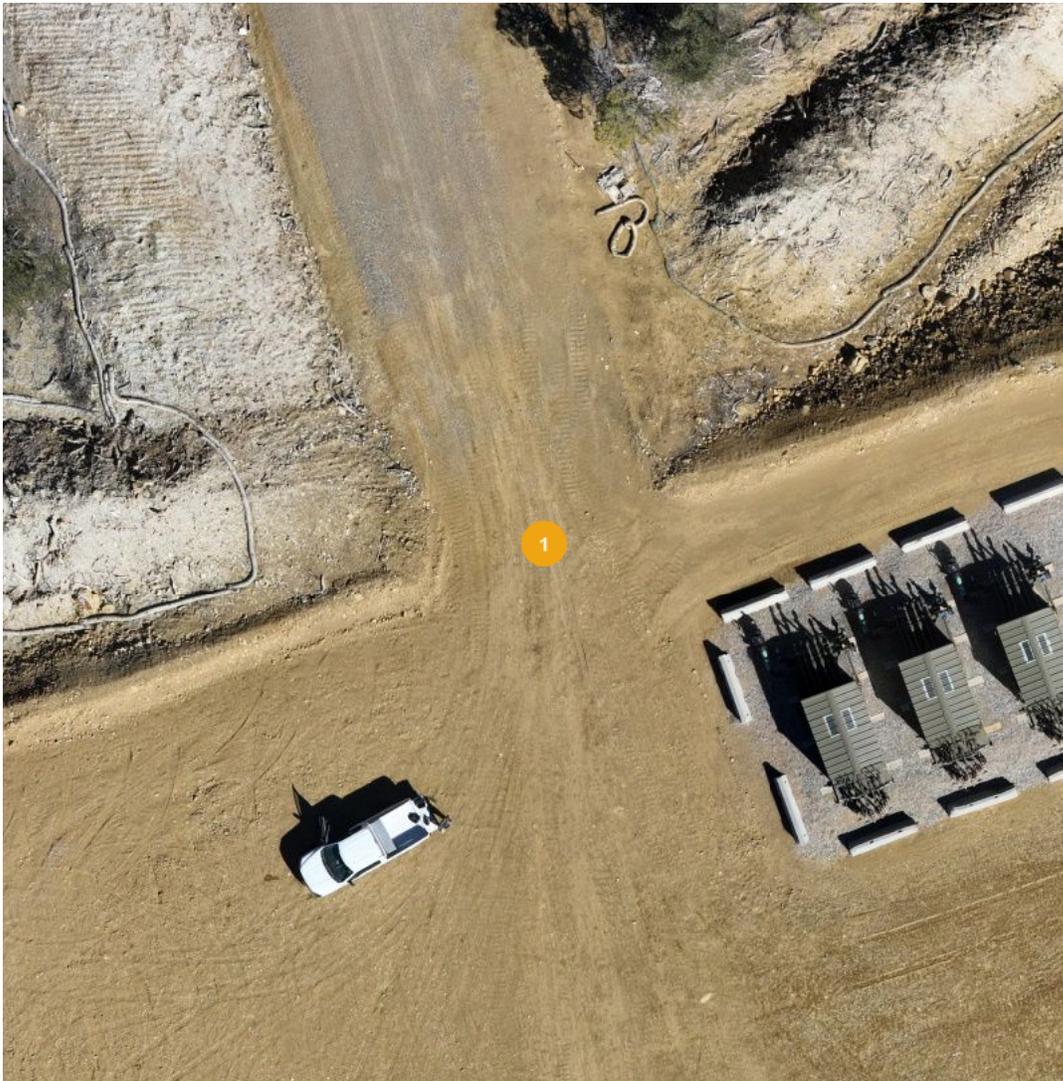
-5.18 US ft

NAD83(2011) / Colorado North (ftUS) (US survey foot)

1 - Observation

Open

Mar 25, 2025 at 11:11am



Details

Summary:	Location signage not posted at Location entrance. Form 2A Location Permit not posted on Location.
Created:	Mar 26, 2025, 11:21am by Aaron Trujillo
Cost of Repair:	—
Lat/Long:	39.9416167, -108.2695236
Northing:	1233705.2 US ft
Easting:	2223570.0 US ft
Elevation:	-5.30 US ft

NAD83(2011) / Colorado North (ftUS) (US survey foot)

# Inspection Photos

03/25/2025

**Operator:** CAERUS PICEANCE LLC - 10456

**Location ID:** 485795

**Inspection Doc:** 718100390

Rio Blanco County, CO

Aaron Trujillo

Western Reclamation Work Lead

ECMC



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 1:** Photo left shows signage at the intersection of the lease road and public road pursuant to Rule 406.b. Photo right shows Location signage pursuant to 605.a has not been posted at the Location's entrance; a copy of the approved Form 2A has also not been posted on the Location.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 2:** See comments under photo 2-3 taken from the west end of the Location. Photos provide an overview of the Location from north, northeast, southeast to south.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 3:** See comments under photo 2.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 4:** Photo taken from the central areas of the Location, facing south. Photo shows conductors set on the Location. Photo also shows cellars have not been covered.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



March 25, 2025

**Photo 5:** Photo taken from the east end of the Location, facing west. Photo shows conductors set on the Location.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 6:** Photo shows unused erosion log, stakes and pallet stored on the north end, and the cut slopes at the south end of the Location.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



March 25, 2025

**Photo 7:** Photo taken from the southwest end of the Location. Photo shows unused stakes.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 8:** Photo shows what appears to be metal signage posts(?) improperly stored on the fill slopes of the Location.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 9:** Photos 9-12 examples showing the cut and fill slopes of the Location. Cut and fill slopes composed of fine soils and rock aggregate. Photos show BMPs to stabilize, as well as to minimize erosion and degradation at the slopes are missing or insufficient.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 10:** See comments under photo 9.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 11:** See comments under photo 9.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 12:** See comments under photo 9.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 13:** Photos 13-15 examples showing erosion logs at the topsoil stockpile on the east end of the Location are in disrepair. Photo left example showing hydromulch applied to the topsoil stockpiles.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 14:** See comments under photo 13.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 15:** See comments under photo 13.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 16:** Photos taken from the east facing slopes of the eastern topsoil stockpile. Photo example showing BMP (mulch) has not been installed per good engineering practice, or maintained in proper functioning condition; soils at stockpile are bare and lack stabilization; germination within these areas not apparent.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 17:** Photos taken from the topsoil stockpiles on the south and north ends of the Location; hydromulch at these stockpiles appeared to be in proper functioning condition at time of inspection.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 18:** See comments under photo 17.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 19:** Photos taken from the south facing slopes of the southern topsoil stockpile. BMP show signs of disrepair, though plant germination is evident.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 20:** Photos taken from the topsoil stockpile on the southwest end of the Location. Photo shows perimeter controls (erosion log) are missing/have been removed



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 21:** Photos taken from the sediment trap on the northeast end of the Location. Sediment traps on the Location have not been installed with a properly engineered outlet. Outlets at the Northwest and southwest sediment traps are inadequate in size; the slopes at the outlets are only partially armored; soils below the outlets are loose, unconsolidated soils. Additionally, outlets at all three traps have not been constructed with geotextile lining in conjunction with the rip-rap material per good engineering practice.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 22:** Photos taken from the sediment trap on the northwest end of the Location; photo right shows outlet at trap. See comments under photo 21.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 23:** Photos taken from the sediment trap on the northwest end of the Location. See comments under photo 21. Photo right example showing outlets at all three traps have not been constructed with geotextile lining in conjunction with the rip-rap material per good engineering practice.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 24:** Photo taken from the sediment trap on the northwest end of the Location. See comments under photo 21.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 25:** Photos taken from the sediment trap on the southwest end of the Location. See comments under photo 21.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 26:** Photo taken from the southwest end of the Location, facing west. Photo shows the pipeline corridor disturbance associated with the Location, leading to the CPD Location. Photo shows BMPs to stabilize, as well as to minimize erosion and degradation are missing from the pipeline disturbance.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 27:** Continued from photo 26. Photos examples showing the erosion logs implemented along the pipeline disturbance areas have not been installed per good engineering practices; erosion logs have not been properly trenched or backfilled, and/or have been placed on grubbed material with no soil-surface contact



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 28:** Photos taken from the access road. Photos examples showing hydromulch applied to the cut and fill slopes of the road.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 29:** Photos 29-35 show culverts / sediment traps constructed along access road; Photos examples showing BMPs have not been installed per good engineering practices. Armoring observed to be insufficient at several culverts. Inlets/outlets at the sediment traps have not been installed per good engineering practices, including rip-rap material in conjunction with geotextile lining; degradation evident.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 30:** See comments under photo 29. Sediment traps have not been installed per good engineering practices, including rip-rap material in conjunction with geotextile lining.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 31:** See comments under photo 29. Photo shows degradation below the culvert outlet



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

## Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 32:** See comments under photo 29. Degradation at culvert outlet observed. Outlet not per good engineering practice.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 33:** See comments under photo 29. Degradation at culvert outlet observed.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 34:** See comments under photo 29. Armoring at culvert insufficient; Degradation at culvert observed.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources

Inspection Photos

Operator Name: CAERUS PICEANCE LLC - 10456

Location ID: 485795



**Photo 35:** Photo example showing weed debris accumulation observed at culverts.



**COLORADO**

**Energy & Carbon Management  
Commission**

Department of Natural Resources