

Energy & Carbon Management Commission

Laramie/0993-29-01 #487592 Annotation Report



Created on November 15, 2024

Captured on November 12, 2024



Point 

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

Label	Title	Elevation	Lat, Long	Northing, Easting
1 	Slope Drain	0.27 US ft	39.2538806, -107.7840839	1525490.6 US ft, 2353281.4 US ft
2 	Slope Drain	1.31 US ft	39.2544420, -107.7845374	1525698.3 US ft, 2353158.2 US ft
3 	Stormwater Diversion Ditch	-9.08 US ft	39.2539519, -107.7844660	1525519.3 US ft, 2353173.9 US ft
4 	Culvert and Sediment trap	2.09 US ft	39.2539980, -107.7834672	1525529.0 US ft, 2353457.0 US ft
5 	Culvert	0.59 US ft	39.2531493, -107.7830751	1525217.2 US ft, 2353560.3 US ft
6 	Upgraded culvert per the Form 2A permitted SWMP.	-10.19 US ft	39.2528172, -107.7832339	1525097.4 US ft, 2353512.3 US ft
7 	Erosion Logs- Perimeter of the topsoil stockpile	32.23 US ft	39.2546436, -107.7828250	1525759.5 US ft, 2353644.7 US ft
8 	Stormwater Diversion Ditch	0.70 US ft	39.2542746, -107.7843743	1525636.1 US ft, 2353202.8 US ft
9 	Stormwater Diversion Ditch	23.15 US ft	39.2539688, -107.7829535	1525514.7 US ft, 2353602.2 US ft
10 	Topsoil Stockpile	50.02 US ft	39.2545026, -107.7825531	1525706.2 US ft, 2353720.4 US ft
11 	Cut Slopes	27.14 US ft	39.2551482, -107.7835803	1525948.6 US ft, 2353435.5 US ft
12 	Fill Slopes	-5.25 US ft	39.2538517, -107.7839041	1525478.8 US ft, 2353332.0 US ft
13 	Access Road	4.33 US ft	39.2537222, -107.7832098	1525426.7 US ft, 2353527.4 US ft
14 	Pad/Access Road Surface	2.20 US ft	39.2539159, -107.7833673	1525498.4 US ft, 2353484.6 US ft
15 	Sediment Trap	-23.23 US ft	39.2536717, -107.7841184	1525414.8 US ft, 2353269.7 US ft
16 	Fenced "seep area" per Wildlife Mitigation Plan	-9.49 US ft	39.2527061, -107.7831331	1525056.2 US ft, 2353539.8 US ft
17 	Cuttings Trench- requires permitting per 908.c.(2)	1.68 US ft	39.2543964, -107.7830835	1525671.3 US ft, 2353569.3 US ft
18 	Location Signage	-1.76 US ft	39.2529688, -107.7830474	1525151.3 US ft, 2353566.4 US ft

Area 

Label	Title	Horizontal Length	Horizontal Width	Area	Surface Area
19 	Total Disturbance Area	--	--	7.96 acres	0 ft ²
20 	Topsoil stockpile- Access road	--	--	5036.56 ft ²	6161.69 ft ²

Volume

Label	Title	Area	Cut	Fill	Net	Tolerance
21 	Topsoil Stockpile	0.80 acres	9329.14 y ³	33.24 y ³	-9295.90 y ³	0 ft

Energy & Carbon Management Commission

Laramie/0993-29-01 #487592 Issue Report



Created on November 15, 2024

Captured on November 12, 2024



16 - Observation

Open

Nov 12, 2024 at 10:56am



Details

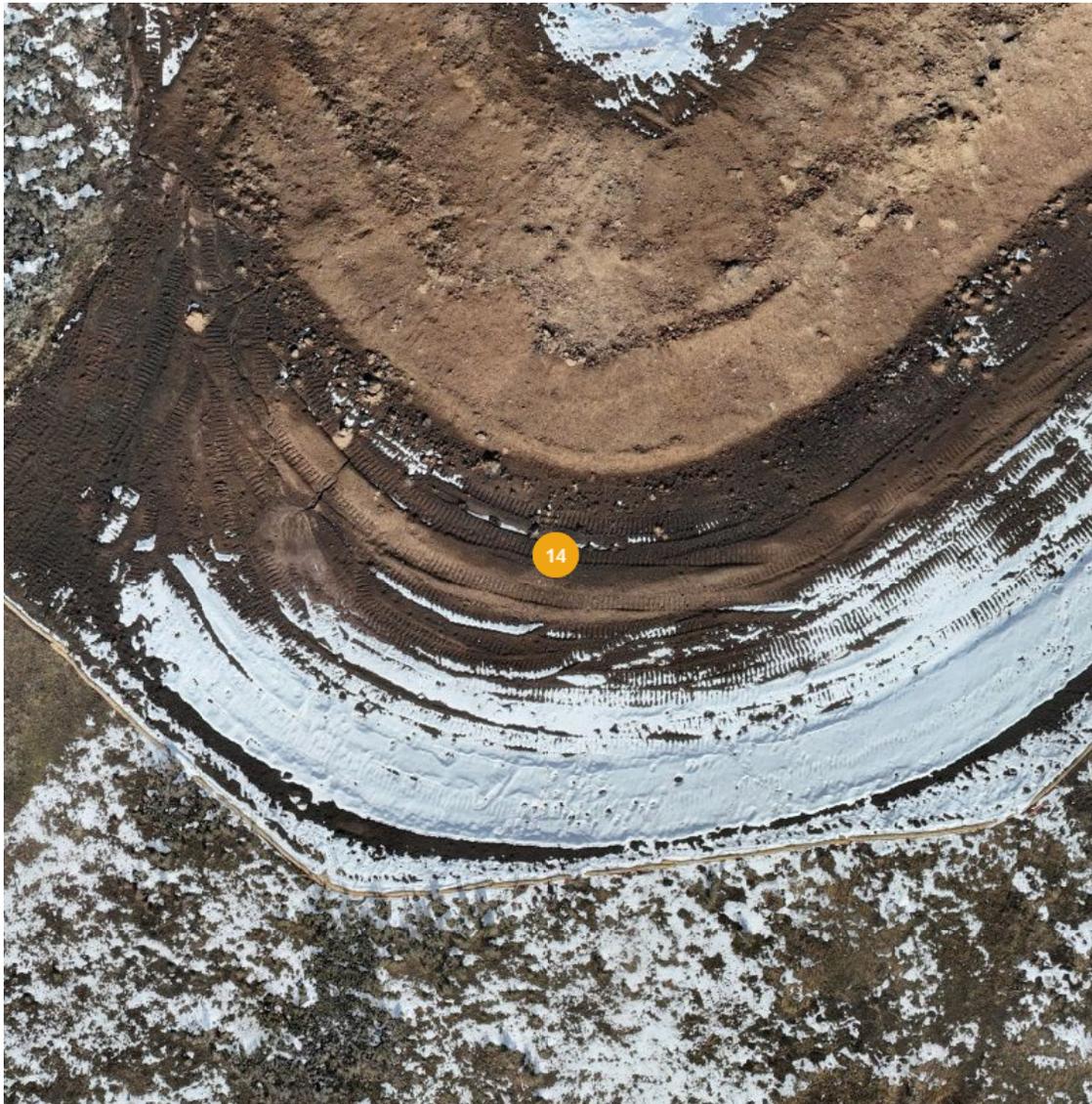
Summary:	Signage has not been maintained and requires posting at the Location entrance.
Created:	Nov 15, 2024, 10:40am by Aaron Trujillo
Cost of Repair:	—
Lat/Long:	39.2529688, -107.7830474
Northing:	1525151.3 US ft
Easting:	2353566.4 US ft
Elevation:	-1.76 US ft

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

14 - Observation

Open

Nov 12, 2024 at 10:56am



Details

Summary: Sediment trap has not been constructed with engineered inlet/outlet protections per the Form 2A permitted SWMP and Layout Drawing.

Created: Nov 15, 2024, 10:20am by Aaron Trujillo

Cost of Repair: —

Lat/Long: 39.2536717, -107.7841184

Northing: 1525414.8 US ft

Easting: 2353269.7 US ft

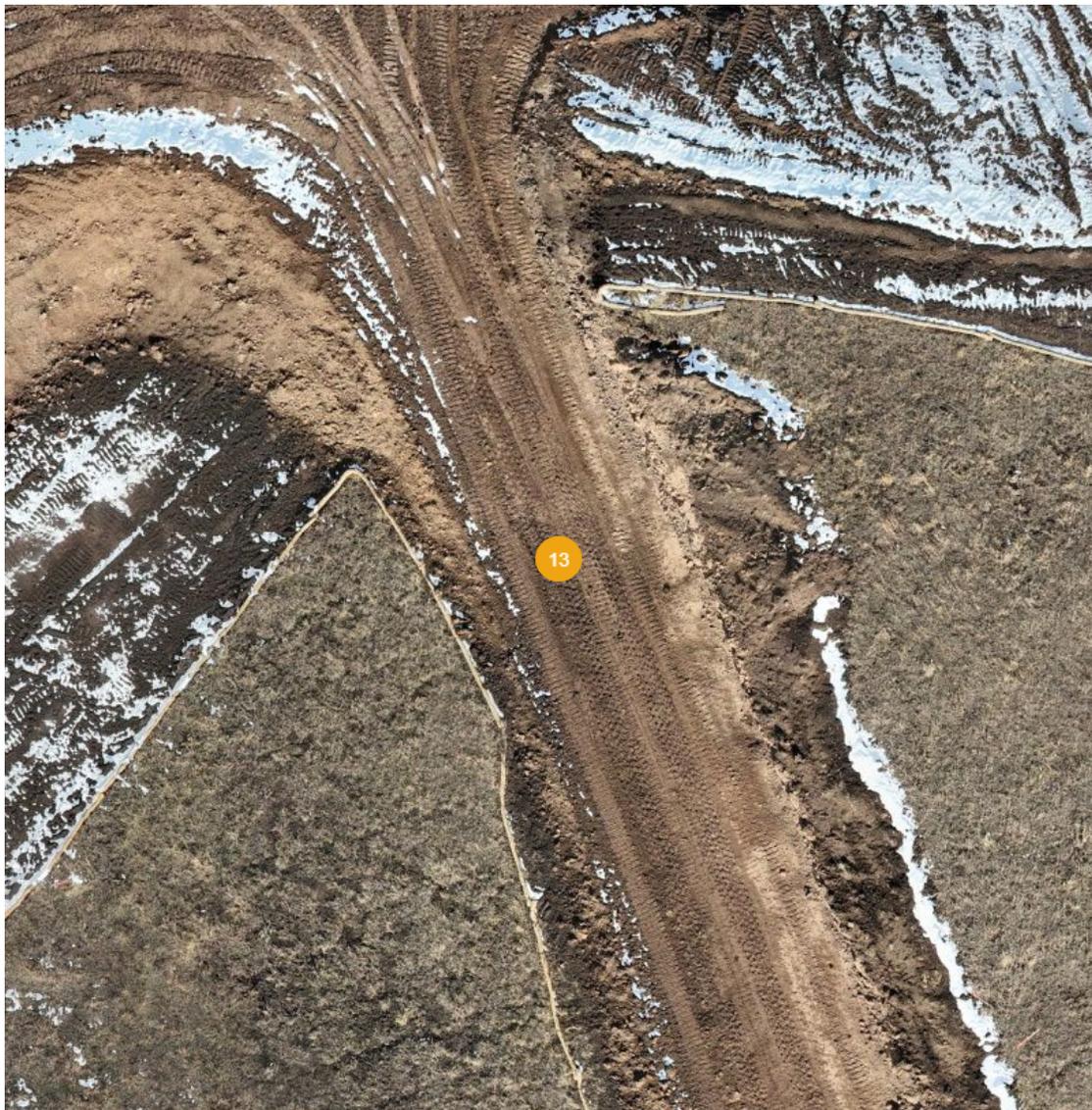
Elevation: -23.23 US ft

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

13 - Observation

Open

Nov 12, 2024 at 10:56am



Details

Summary: Working Pad Surface and Access road lacks stabilization. BMPs, including tracking controls, to stabilize, as well as to minimize degradation, tracking and transport of sediment are missing or insufficient.

Created: Nov 13, 2024, 2:11pm by Aaron Trujillo

Cost of Repair: —

Lat/Long: 39.2539159, -107.7833673

Northing: 1525498.4 US ft

Easting: 2353484.6 US ft

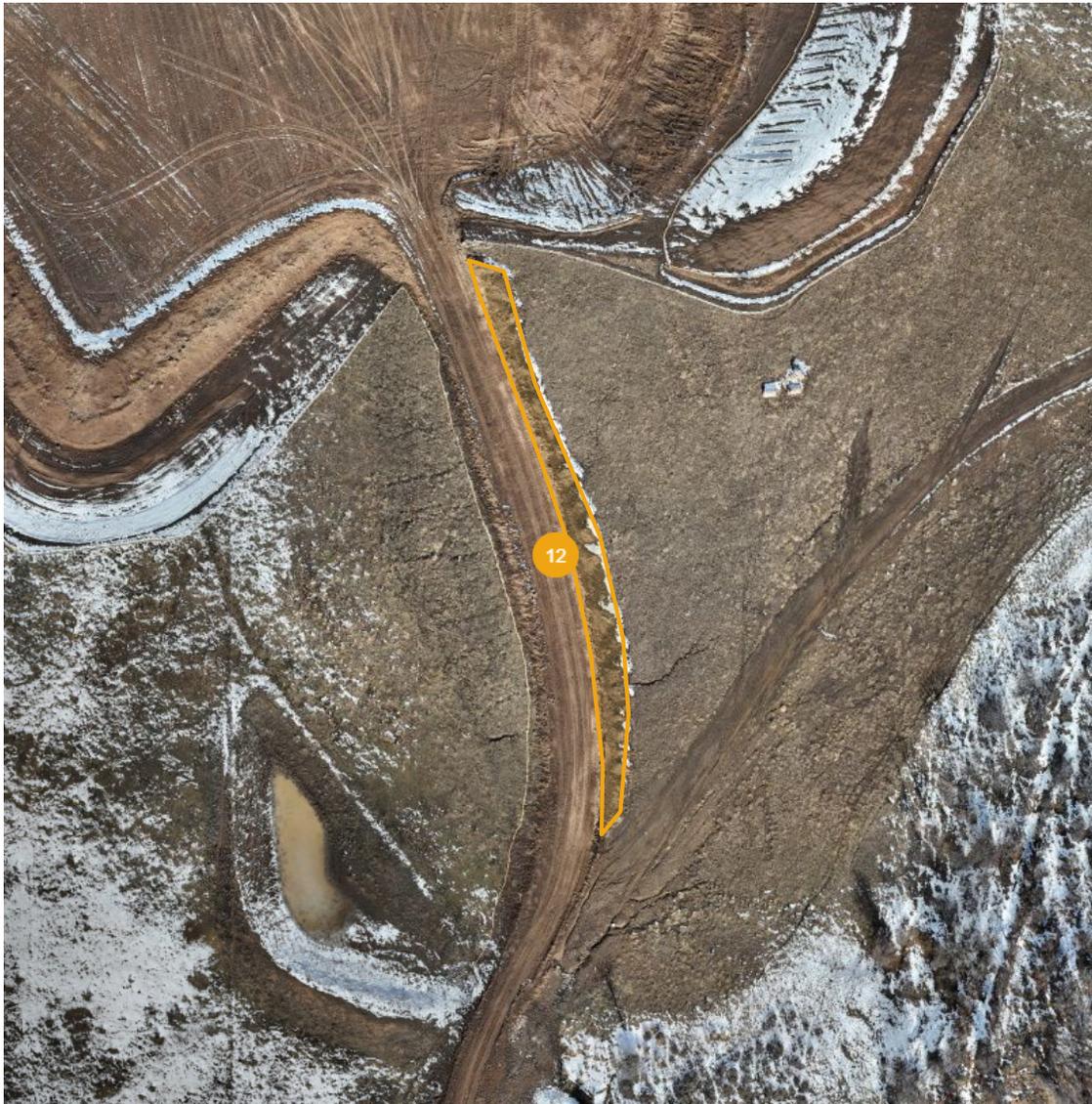
Elevation: 2.20 US ft

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

12 - Observation

Open

Nov 12, 2024 at 10:56am



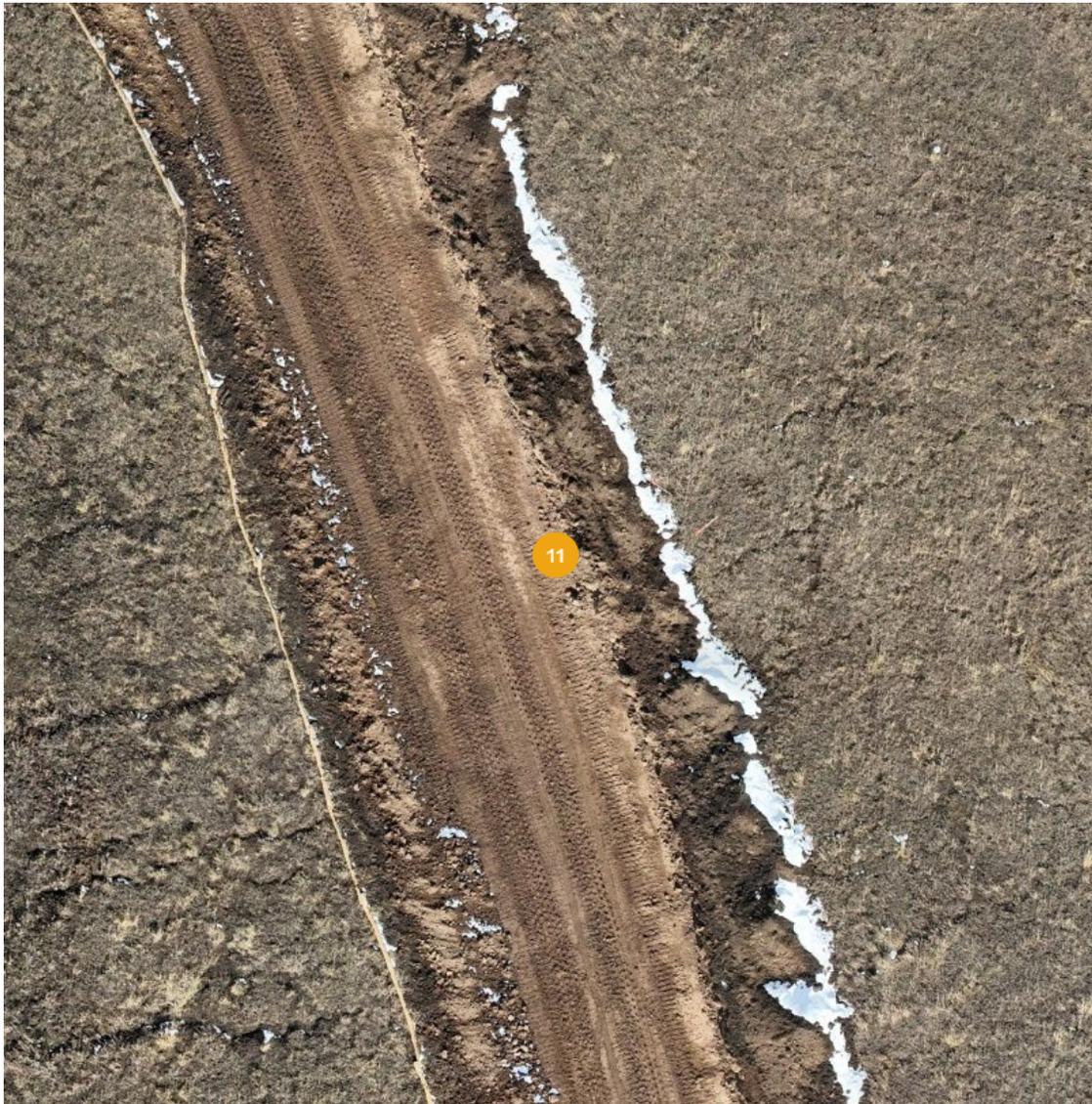
Details

Summary:	BMPs to minimize erosion, degradation, sediment transport, as well as to protect the soil stockpile, have not been installed.
Created:	Nov 13, 2024, 12:29pm by Aaron Trujillo
Cost of Repair:	—
Lat/Long:	39.25358, -107.78315
Area:	5036.56 ft ²
Surface area:	6161.69 ft ²

11 - Observation

Open

Nov 12, 2024 at 10:56am



Details

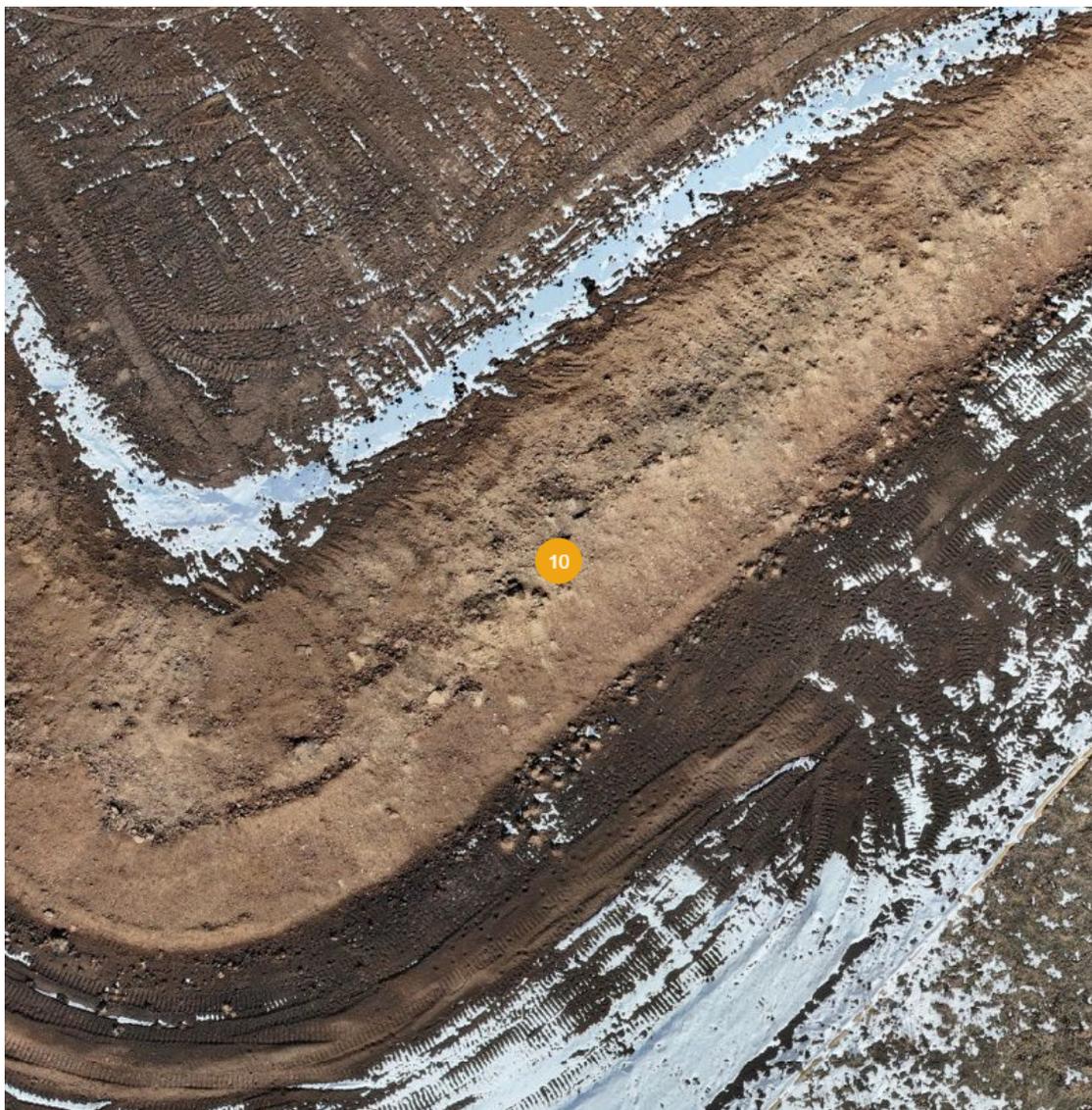
Summary:	Stormwater diversion ditch not constructed along access road per the Form 2A permitted SWMP and Layout Drawing.
Created:	Nov 13, 2024, 12:28pm by Aaron Trujillo
Cost of Repair:	—
Lat/Long:	39.2537222, -107.7832098
Northing:	1525426.7 US ft
Easting:	2353527.4 US ft
Elevation:	4.33 US ft

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

10 - Observation

Open

Nov 12, 2024 at 10:56am



Details

Summary: Fill slopes are bare and exposed soils. BMPs to stabilize, as well as to minimize erosion and degradation are missing or insufficient.

Created: Nov 13, 2024, 12:27pm by Aaron Trujillo

Cost of Repair: —

Lat/Long: 39.2538517, -107.7839041

Northing: 1525478.8 US ft

Easting: 2353332.0 US ft

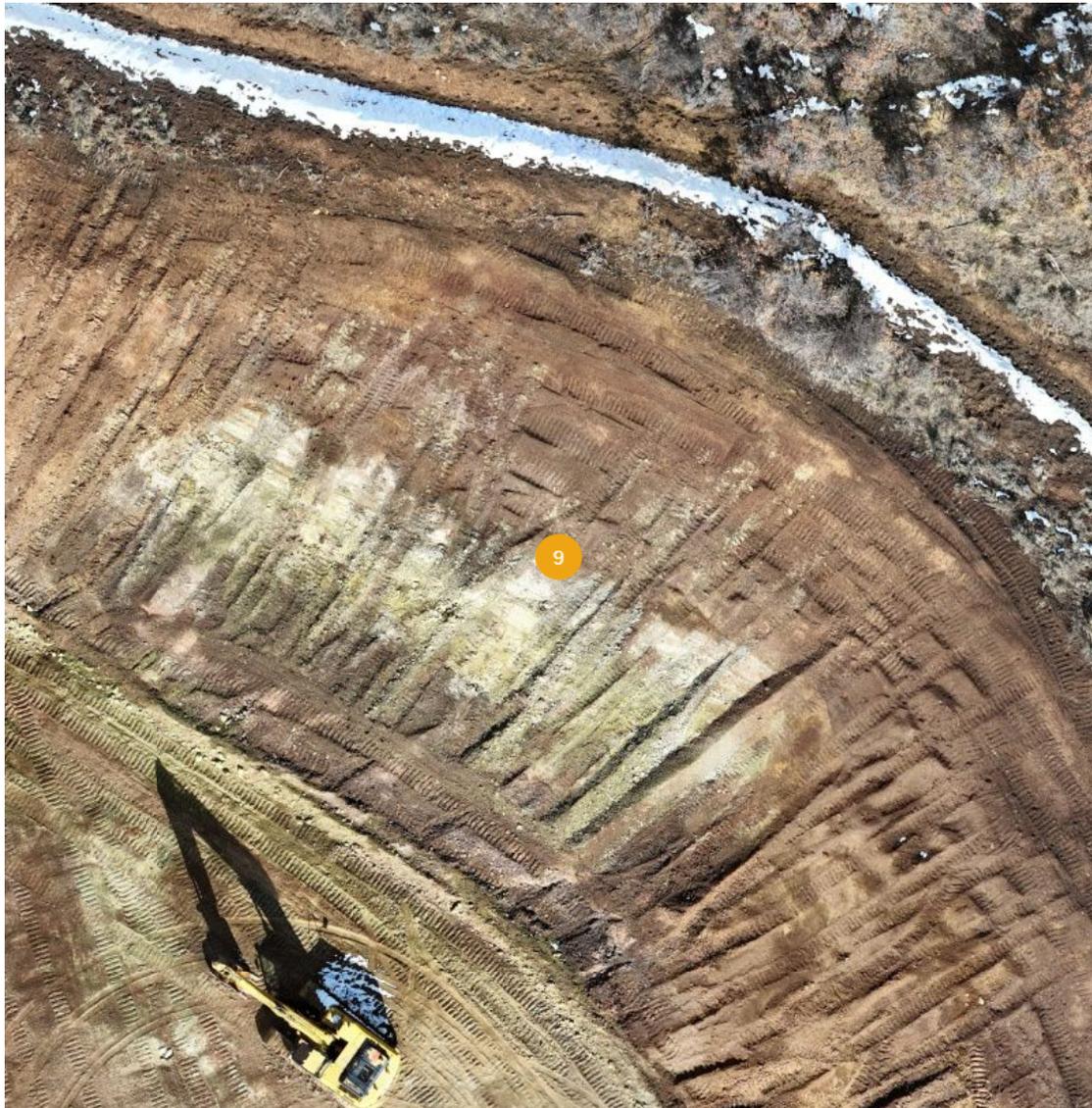
Elevation: -5.25 US ft

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

9 - Observation

Open

Nov 12, 2024 at 10:56am



Details

Summary: Cut slopes are bare and exposed soils. BMPs to stabilize, as well as to minimize erosion and degradation are missing or insufficient.

Created: Nov 13, 2024, 12:26pm by Aaron Trujillo

Cost of Repair: —

Lat/Long: 39.2551482, -107.7835803

Northing: 1525948.6 US ft

Easting: 2353435.5 US ft

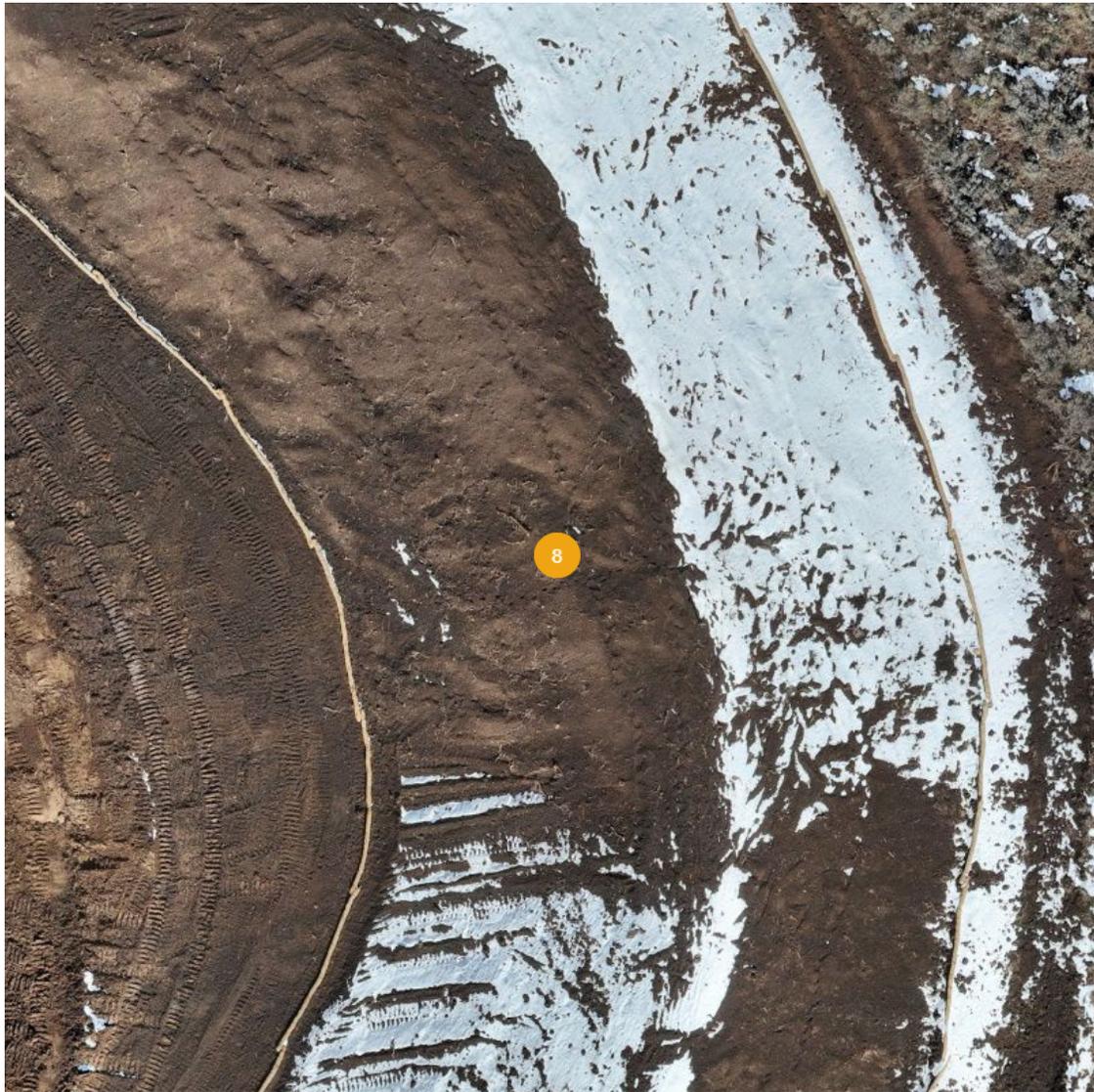
Elevation: 27.14 US ft

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

8 - Observation

Open

Nov 12, 2024 at 10:56am



Details

Summary: Topsoil stockpile bare. BMPs to stabilize, as well as to protect the topsoil stockpile from wind and water erosion missing or insufficient.

Created: Nov 13, 2024, 12:12pm by Aaron Trujillo

Cost of Repair: —

Lat/Long: 39.2545026, -107.7825531

Northing: 1525706.2 US ft

Easting: 2353720.4 US ft

Elevation: 50.02 US ft

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

7 - Observation

Open

Nov 12, 2024 at 10:56am



Details

Summary: Control Measure incomplete and does not divert stormwater into sediment trap per the Form 2A permitted SWMP and Layout Drawing. Rock Checks to reduce flow velocity and minimize erosion have also not been implemented with the diversion ditches.

Created: Nov 13, 2024, 12:11pm by Aaron Trujillo

Cost of Repair: —

Lat/Long: 39.2539688, -107.7829535

Northing: 1525514.7 US ft

Easting: 2353602.2 US ft

Elevation: 23.15 US ft

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

6 - Observation

Open

Nov 12, 2024 at 10:56am



Details

Summary: "V-Ditch" along the perimeter of the Working Pad Surface not installed per the Form 2A permitted SWMP and Layout Drawing.

Created: Nov 13, 2024, 12:09pm by Aaron Trujillo

Cost of Repair: —

Lat/Long: 39.2542746, -107.7843743

Northing: 1525636.1 US ft

Easting: 2353202.8 US ft

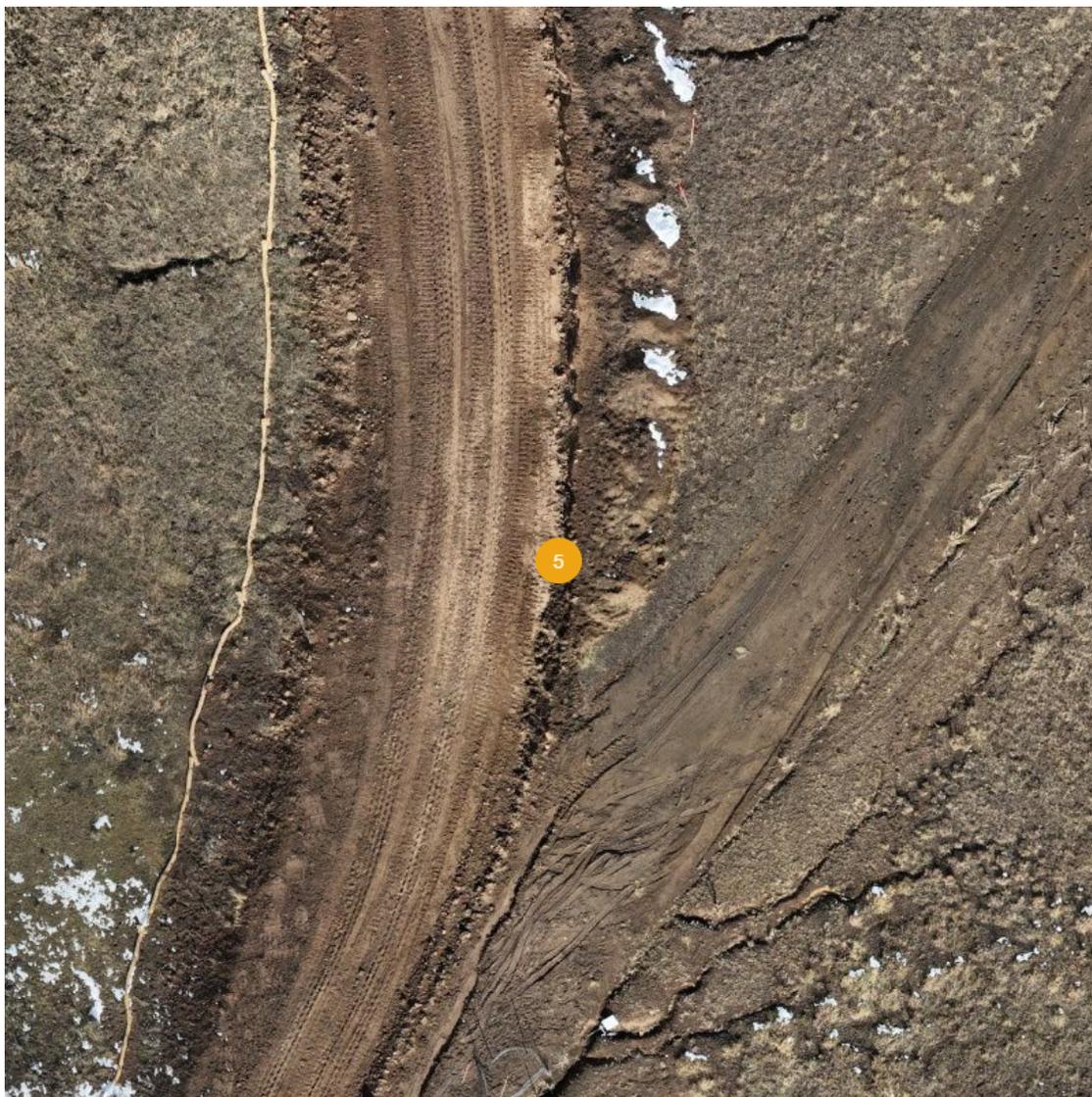
Elevation: 0.70 US ft

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

5 - Observation

Open

Nov 12, 2024 at 10:56am



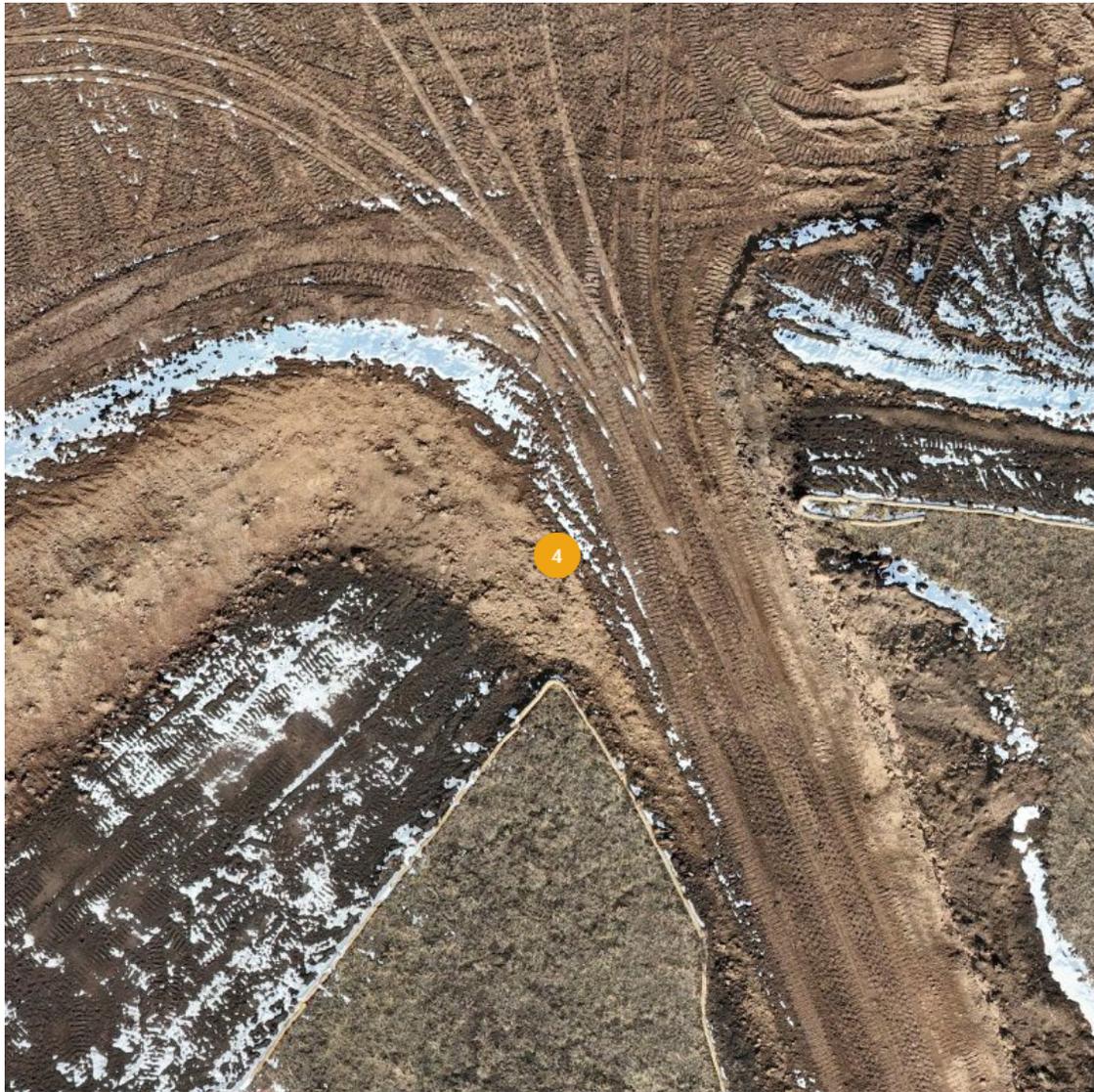
Details

Summary: 24" Culvert in conjunction with "Trap w/ rock armored rundown" not installed per the Form 2A permitted SWMP.
Created: Nov 13, 2024, 7:55am by Aaron Trujillo
Cost of Repair: —
Lat/Long: 39.2531493, -107.7830751
Northing: 1525217.2 US ft
Easting: 2353560.3 US ft
Elevation: 0.59 US ft
NAD83(2011) / Colorado Central (ftUS) (US survey foot)

4 - Observation

Open

Nov 12, 2024 at 10:56am



Details

Summary: 24" Culvert in conjunction with sediment traps at the inlet and outlet have not installed per the Form 2A permitted SWMP and Layout Drawing.

Created: Nov 13, 2024, 7:53am by Aaron Trujillo

Cost of Repair: —

Lat/Long: 39.2539980, -107.7834672

Northing: 1525529.0 US ft

Easting: 2353457.0 US ft

Elevation: 2.09 US ft

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

3 - Observation

Open

Nov 12, 2024 at 10:56am



Details

Summary: Control Measure incomplete and does not divert stormwater into sediment trap per the Form 2A permitted SWMP and Layout Drawing. Rock Checks to reduce flow velocity and minimize erosion have also not been implemented with the diversion ditches.

Created: Nov 13, 2024, 7:51am by Aaron Trujillo

Cost of Repair: —

Lat/Long: 39.2539519, -107.7844660

Northing: 1525519.3 US ft

Easting: 2353173.9 US ft

Elevation: -9.08 US ft

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

2 - Observation

Open

Nov 12, 2024 at 10:56am



Details

Summary: Flex Pipe w/rock armor inlet/outlet not installed per the Form 2A permitted SWMP and Layout Drawing.

Created: Nov 13, 2024, 7:51am by Aaron Trujillo

Cost of Repair: —

Lat/Long: 39.2544420, -107.7845374

Northing: 1525698.3 US ft

Easting: 2353158.2 US ft

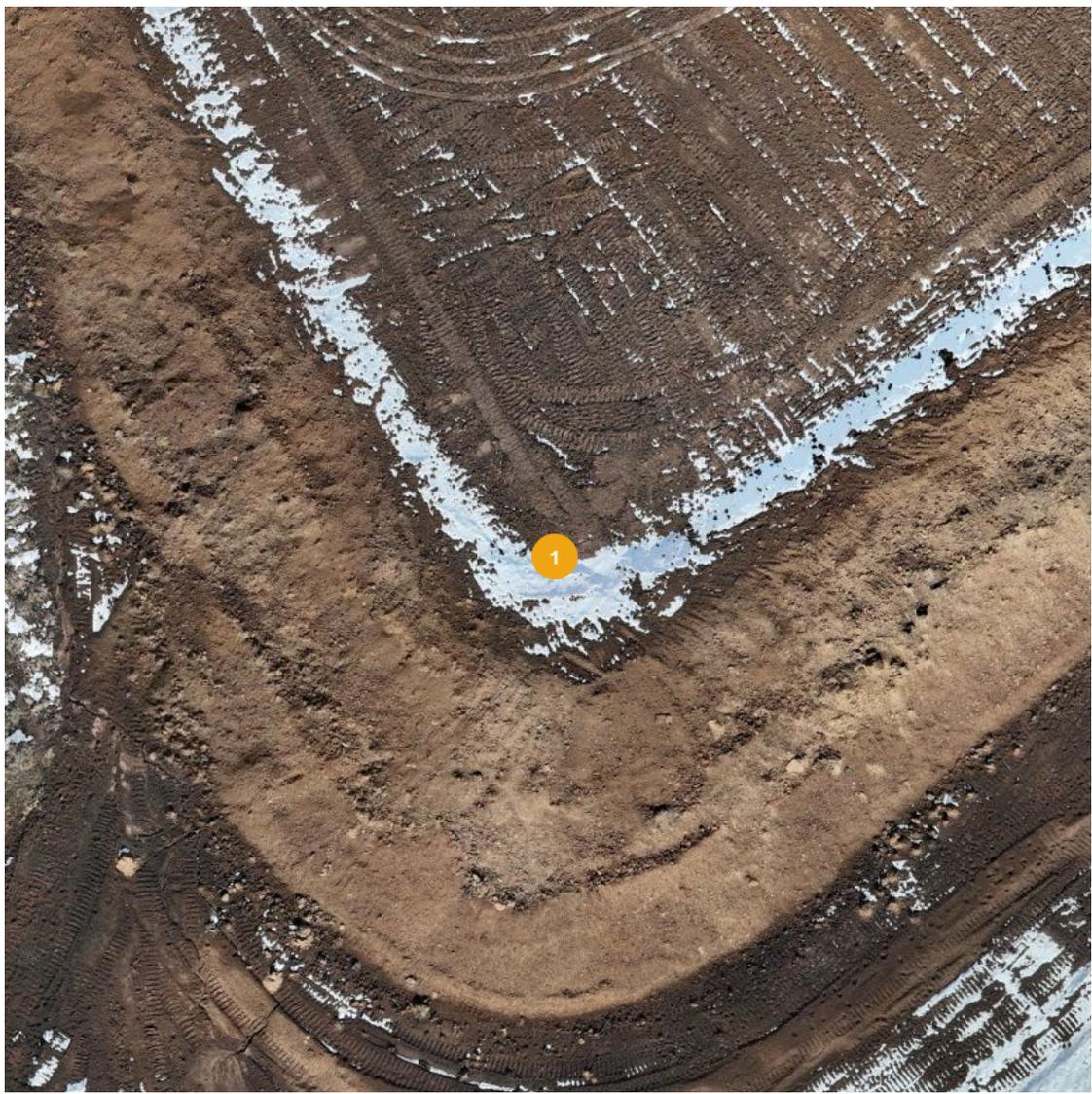
Elevation: 1.31 US ft

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

1 - Observation

Open

Nov 12, 2024 at 10:56am



Details

Summary:	Flex Pipe w/rock armor inlet/outlet not installed per the Form 2A permitted SWMP.
Created:	Nov 13, 2024, 7:50am by Aaron Trujillo
Cost of Repair:	—
Lat/Long:	39.2538806, -107.7840839
Northing:	1525490.6 US ft
Easting:	2353281.4 US ft
Elevation:	0.27 US ft

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