

Colorado Oil and Gas Conservation Commission

Federal WMC 24-17 #480732

Issue Report



Created on May 23, 2022

Captured on May 5, 2022



1 - Erosion

Open

May 5, 2022 at 11:03am



Details

Summary:	Stormwater discharge from from areas of trap without an outlet.
Created:	May 23, 2022, 2:31pm by Aaron Trujillo
Cost of Repair:	—
Coordinates:	39.43892, -107.79810

7 - Observation

Open

May 5, 2022 at 11:03am



Details

Summary:	Inadequate outlet
Created:	May 23, 2022, 2:46pm by Aaron Trujillo
Cost of Repair:	—
Coordinates:	39.43891, -107.79808
Elevation:	-22.34 ft

Inspection Photos
Operator Name: TEP ROCKY MOUNTAIN LLC - 96850
Location ID: 480732



Photo 1: Photos taken from the sediment trap on the northeast end of the Location. Photo right shows sediment deposition due to unstabilize soils within the stormwater ditch.

Inspection Photos
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Location ID: 480732



May 5, 2022
39.43895982N 107.79811359W



May 5, 2022
39.43894902N 107.79812263W

Photo 2: Continued from photo 1. Photos example of the sediment trap where an outlet has not been constructed, but where stormwater is discharging, resulting in erosion degradation and sediment transport. Photo left shows water has cut beneath the straw wattle.



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Inspection Photos
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May 5, 2022
39.43894241N 107.79809688W

Photo 3: Continued from photo 1. Photo a second example of the sediment trap where an outlet has not been constructed, but where stormwater is discharging, resulting in erosion degradation and sediment transport. Photo left shows water has cut beneath the straw wattle.

6 - Observation

Open

May 5, 2022 at 11:03am



Details

Summary:	Inadequate outlet
Created:	May 23, 2022, 2:37pm by Aaron Trujillo
Cost of Repair:	—
Coordinates:	39.43864, -107.80040
Elevation:	-0.27 ft

Inspection Photos

Operator Name: TEP ROCKY MOUNTAIN LLC - 96850

Location ID: 480732



Photo 4: Photo taken from the sediment trap on the southwest end of the Location. Outlet inadequate; stormwater runoff discharging to areas around the trap's outlet, resulting in degradation to the control.



5 - Observation

Open

May 5, 2022 at 11:03am



Details

Summary:	Inadequate outlet
Created:	May 23, 2022, 2:36pm by Aaron Trujillo
Cost of Repair:	—
Coordinates:	39.43976, -107.79987
Elevation:	-52.25 ft

Inspection Photos
Operator Name: TEP ROCKY MOUNTAIN LLC - 96850
Location ID: 480732



May 5, 2022
39.43979427N 107.79985995W



May 5, 2022
39.43980185N 107.79987014W

Photo 5: Photo taken from the sediment trap on the north end of the Location. Outlet inadequate; stormwater runoff discharging to areas around the trap's outlet, resulting in degradation to the control. Photo also shows sediment deposition on top of the straw wattle leading offsite.

4 - Observation

Open

May 5, 2022 at 11:03am



Details

Summary:	Inadequate outlet
Created:	May 23, 2022, 2:36pm by Aaron Trujillo
Cost of Repair:	—
Coordinates:	39.43966, -107.80026
Elevation:	-49.04 ft

Inspection Photos
Operator Name: TEP ROCKY MOUNTAIN LLC - 96850
Location ID: 480732



Photo 6: Photo taken from the sediment trap on the northwest end of the Location. Outlet inadequate in side; stormwater runoff discharging to areas around the trap's outlet.

3 - Observation

Open

May 5, 2022 at 11:03am



Details

Summary:	BMPs to minimize erosion/degradation missing or insufficient along entire fill slope; hydromulch in disrepair.		
Created:	May 23, 2022, 2:35pm by Aaron Trujillo		
Cost of Repair:	—		
Coordinates:	39.43948, -107.80003		
Elevation:	-10.37 ft		

Inspection Photos
Operator Name: TEP ROCKY MOUNTAIN LLC - 96850
Location ID: 480732



Photo 7: Photos provide examples showing control measures on the fill slopes of the Location have not been maintained in proper functioning condition; soils currently exposed and unstabilize resulting in erosion degradation and offsite sediment transport and deposition.

Inspection Photos
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Photo 8: Continued from photo 7. Photos example shows sediment deposition as a result of the erosion degradation from the unstabilized fill slopes

Inspection Photos

Operator Name: TEP ROCKY MOUNTAIN LLC - 96850

Location ID: 480732



Photo 9: Photos example shows sediment deposition as a result of the erosion degradation from the unstabilized fill slopes. Photo right also shows remnants of the hydromulch that was previously applied, and is now covered with sediment from the fill slopes.



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2 - Observation

Open

May 5, 2022 at 11:03am



Details

Summary:	Stabilization issues at fill slopes resulting in crack.
Created:	May 23, 2022, 2:33pm by Aaron Trujillo
Cost of Repair:	—
Coordinates:	39.43912, -107.79860
Area:	1083.26 ft ²
Surface Area:	1016.45 ft ²

Inspection Photos

Operator Name: TEP ROCKY MOUNTAIN LLC - 96850

Location ID: 480732



May 5, 2022
39.43903001N 107.79860503W

Photo 10: Photo taken from the fill slopes on the north end of the Location. Photo shows large crack forming on the slopes. Notebook for reference; slopes unstabilized and appear to be sloughing.

Inspection Photos
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Photo 9: Photos example showing the perimeter stormwater diversion ditch of the Location; majority of the ditch has been constructed with vertical slopes and unconsolidated soils; this is not per good engineering practices. Photo right shows stormwater degradation within the control, and unsoncolidated “fine soils” have eroded away.

Inspection Photos

Operator Name: TEP ROCKY MOUNTAIN LLC - 96850

Location ID: 480732



Photo 10: Photos examples showing velocity checks within the stormwater ditch that have not been installed per good engineering practices. Majority of the velocity checks have been constructed with inappropriate sized material; large voids observed within the checks and will not interrupt stormwater velocity; inappropriate sized materials will accelerate and concentrate stormwater, resulting to erosion within the ditch, as seen in these photos.

Inspection Photos
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Photo 11: Photo example showing low points within the ditch along the north end of the Location, where stormwater is discharging from, rather than flowing into the northwestern sediment traps.



Inspection Photos
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Photo 12: Continued from photo 11. Photo example showing low points within the ditch along the north end of the Location, where stormwater is discharging from, rather than flowing into the northwestern sediment traps.

Inspection Photos

Operator Name: TEP ROCKY MOUNTAIN LLC - 96850

Location ID: 480732



May 5, 2022
39.5215494N 107.7856438W

Photo 13: Photo example showing BMPs at the topsoil along the access road have not been maintained.



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May 5, 2022



May 5, 2022
39 44027006N 107 80619301W

Photo 14: Photo example showing BMPs along access road have not been maintained. A large section of the slope as sloughed onto the access road.

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May 5, 2022
39.43875778N 107.80020736W

Photo 15: Sign missing at location entrance.



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Inspection Photos
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Photo 16: Photo shows conductor settings on Location; wells have not been drilled.

Colorado Oil and Gas Conservation Commission

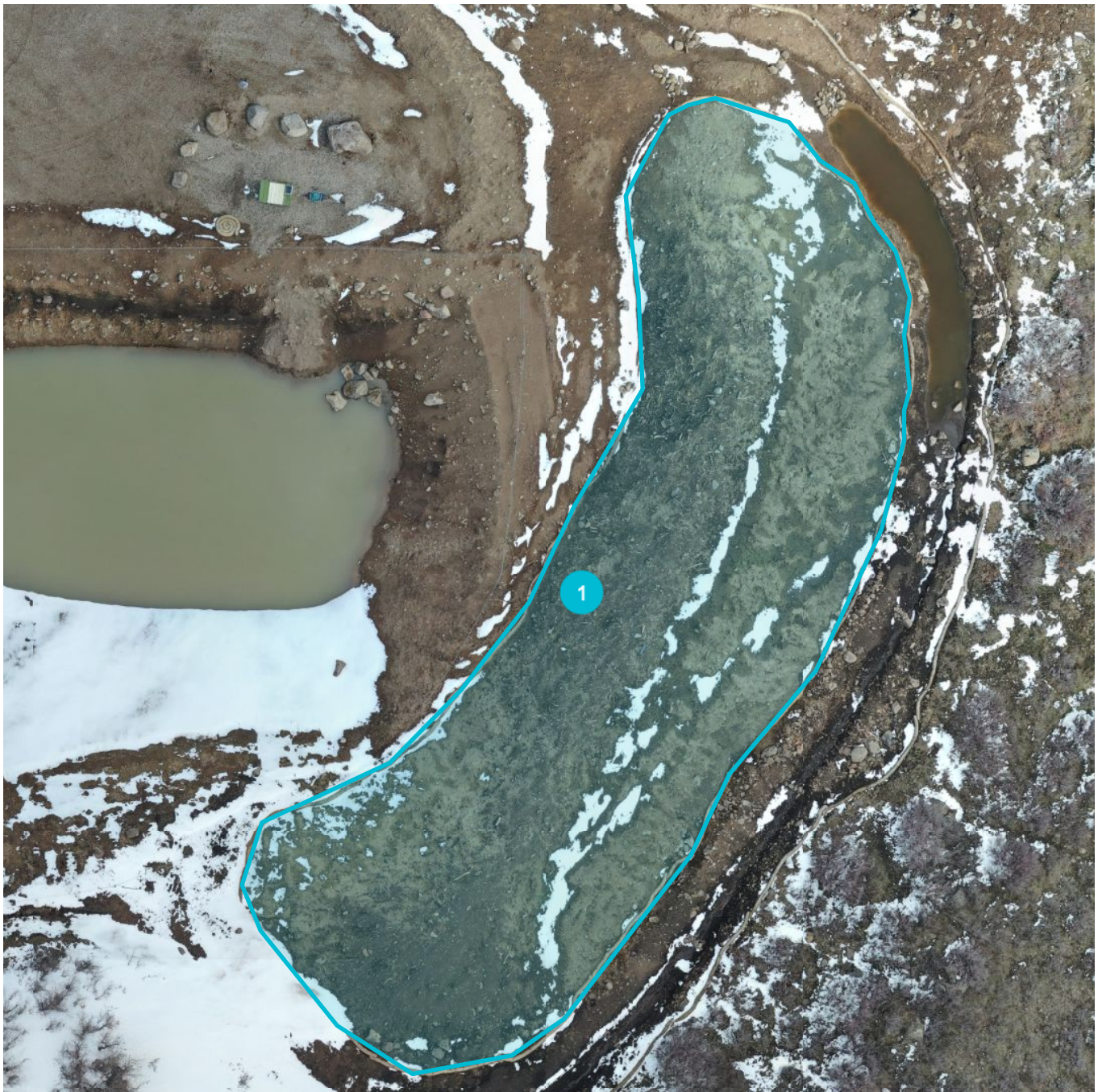
Federal WMC 24-17 #480732

Topsoil Report



Created on May 23, 2022

Captured on May 5, 2022



Volume ▲

Label	Title	Area	Cut	Fill	Net	Tolerance
1 ●	Topsoil stockpile	10193.00 ft2	2307.35 y3	1.52 y3	-2305.82 y3	0 ft

Inspection Photos
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Photo 17: Photo example of one of the topsoil test pit conducted within the adjacent reference area. Topsoil on Location could have exceeded 22 inches in depth. Operator topsoil plan stated 4,700 cy of material would be salvaged; actual amount salvaged by Operator was 2,300 cy.