

Inspection Photos

May 30, 2023

Operator: TEP Rocky Mountain- #96850

Location ID: 480732

Location Name: FEDERAL/WMC 24-17

Inspection Document #: 702801565

Garfield County, CO

SESW Section 17 T7S R93W

Anna O'Malley
Reclamation Specialist, COGCC



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Photo 1. Photo taken from the south shows an overview of the location.

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Photo 2. Photos taken from the south show an overview of the western (left) and eastern (right) portions of the cuttings trench. Trench perimeter fencing is in disrepair and non-functioning.



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Photo 3. Photo shows the topsoil stockpile at the east of the location as well as a portion of the cuttings trench.



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Photo 4. Photo taken from the southeast shows the topsoil stockpile (right) is not properly segregated from subsoils and possible cutting trench materials. The liner pictured is in disrepair. A straw wattle at the base of the topsoil stockpile is not present in areas adjacent to the cuttings trench.



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Photo 5. Photo taken from the southeast shows the topsoil stockpile (left) is not properly segregated from subsoils and possible cuttings trench materials. The liner is in disrepair. A straw wattle at the base of the topsoil stockpile is not present in areas adjacent to the cuttings trench.



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Photo 6. Photo taken from the southeast shows the topsoil stockpile (left) is not properly segregated from subsoils and possible cutting trench materials. A straw wattle (arrow) at the base of the topsoil stockpile is not present in areas adjacent to the cuttings trench.

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5/30/23
+39.439273,-107.799876
167° S

Photo 7. Photo taken from the Location entrance shows portable toilets have not been secured to prevent a spill.



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Photo 8. Photos show scouring and rill erosion in the eastern perimeter stormwater ditch resulting in degradation to the BMP and increased sediment loads. Sediment has filled in the check dam.

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Photo 9. Photo shows a sediment trap at the northeast. The inlet is degraded via scouring, movement/loss of rip-rap and sediment deposition. Sediment laden stormwater is exiting the ditch and inlet before reaching the trap and overtopping a wattle.

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Photo 10. Photo shows a sediment trap at the northeast. The outlet is degraded and eroded and appears to have lost rip-rap. Sediment laden stormwater is exiting the trap in multiple places without a properly engineered outlet.



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Photo 11. Refer to Photo 10 comment.



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Photo 12. Photos show sediment and sawdust deposition downslope of the sediment trap at the northeast of the location.



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Photo 13. Photos show sawdust from the cuttings trench covering vegetation and causing offsite degradation.



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Photo 14. Photos show lack of stabilization BMPs on soils at the east of the location. Sediment is accumulating downslope, offsite.

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Photo 15. Photo shows sediment deposition downslope of the northern perimeter stormwater ditch. Stormwater is exiting the ditch in multiple places. The ditch is filled with sediment. Note also trash.



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Photo 16. Photo shows the perimeter stormwater ditch to the northwest is filled with eroded fill material and no longer functioning as a ditch to properly transport water. Note also trash.



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Photo 17. Photo shows the fill slope is unstabilized. Sediment from gully erosion has filled in and overtopped perimeter stormwater BMPs and is being transported offsite.



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Photo 18. Photos show offsite sediment transport below the fill slope gullies pictured on the previous slide. Note also trash/debris (arrows).



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Photo 19. Photo shows sediment laden stormwater bypassing a sediment trap outlet resulting in offsite degradation and sediment transport.



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Photo 20. Photos show offsite sediment transport below the sediment trap pictured on the previous slide.



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Photo 21. Photos taken from the access road to the west of the location. Stormwater is bypassing a culvert and eroding the road fill (left) and overtopping wattles, and transporting and depositing sediment in undisturbed areas offsite (right).

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Photo 22. Photos show offsite deposition of sediment and road base gravel downslope of the access road. Wattles have been overtopped (right).

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Photo 23. Photos show sloughing, slumping and rill erosion occurring on the access road cut.

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Photo 24. Photos taken from the fill slope to the northwest show examples of trash and debris

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Photo 25. Photos shows examples of trash throughout the reference areas to the north.



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Photo 26. Photos shows examples of trash throughout the reference areas to the north.

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Photo 27. Photos shows examples of trash throughout the reference areas to the north.



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