

# Inspection Photos

11/05/2021

Operator: TEP ROCKY MOUNTAIN LLC #96850

Location ID: 480732

Garfield County, CO

Aaron Trujillo

NW Reclamation Specialist

COGCC

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**Photo 1:** Photos 1-2 taken from the north end of the working pad areas. Photos provide an overview from east, southeast, southwest to west.



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**Photo 2:** See comments under photo 1.



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**Photo 3:** Photos taken from the northwest end of the Location. Photo shows example of slopes drains that have been installed along the northern perimeter of the working pad area and fill slopes. Photo shows slope drains have not been installed in accordance with good engineering practices; slope drains constructed with flexible pipe that has not been properly anchored/secured to the ground. Slope drains have not been constructed with a stabilized/armored outlet. Photo also shows slope drain on the northwest corner discharges onto the fill slope above the sediment trap; inadequate armoring/protection has resulted in erosion degradation at the outlet.



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**Photo 4.** Photo shows example of slopes drains that have been installed along the northern perimeter of the working pad area and fill slopes. Slope drains have not been installed in accordance with good engineering practices; slope drains constructed with flexible pipe that has not been properly anchored/secured to the ground. Slope drains have not been constructed with a stabilized/armored outlet





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**Photo 5:** Photos 5-6 show the two sediment traps constructed on the northwest end of the Location. Traps do not appear appropriate in size to manage runoff from the drainage area of the Location and upslope, undisturbed areas, and have not installed per good engineering requirements; outlets have not been installed with a geotextile lining beneath riprap material per good engineering practices.



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**Photo 6:** See comments under photo 5.



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**Photo 7:** Photos provide examples of the perimeter stormwater diversion ditch on the Location; ditch has not been constructed in accordance with good engineering practices; BMPs improperly constructed with vertical slopes; soils within the control measure are unconsolidated and are a pollutant source.





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**Photo 8:** Photos provide examples of the perimeter stormwater diversion ditch on the Location; ditch has not been constructed in accordance with good engineering practices; BMPs improperly constructed with vertical slopes; soils within the control measure are unconsolidated and are a pollutant source.





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**Photo 9:** Photo provide example velocity checks within the stormwater diversion ditch that have not been installed in accordance with good engineering practices, with inappropriate sized material; large voids can be observed within a majority of the checks and will not interrupt stormwater velocity; stormwater runoff will accelerate around the rock material, resulting in erosion within the ditch and increased sediment loads.



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**Photo 10:** Photos 10-12 taken from the cuttings trench/pit on the east end of the Location. Photo shows concrete/cement waste/debris observed within the cuttings trench. Operator appears to have “washed out” into the trench post conductor installs and cementing operations. Concrete/cement waste/debris requires removal and proper disposal in accordance with Rule 606, and



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**Photo 11:** See comment under photo 10.



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**Photo 12:** See comment under photo 10.



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**Photo 13:** Photos show the well conductors on the Location.