

Inspection Photos

03/09/2022

Operator: TEP ROCKY MOUNTAIN LLC - 96850

Location ID: 335177

Garfield County, CO

Aaron Trujillo

NW Reclamation Specialist

COGCC

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Photo 1: 2014 Google Earth Aerial image. Photo provides overview of the Location. Photo also shows that there is no evidence of erosion or potentially impacted soils on the southern slopes of the Location.

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Photo 2: 2016 Google Earth Aerial image. Photo shows potentially impacted soils become evident on the southern slopes of the Location; Sloughing of slopes (see photos 3-6) not evident at this time.

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Photo 3: Photos 3-6 taken with use of a sUAS. Photos show large areas of the hillside on the south end of the Location have sloughed off. Photo also shows potential salt impacts; the apparent salt staining appears to be migrating down the slope towards an unnamed drainage. Observed potential salt impact suggests the possibility of a spill originating from below-ground dump-lines or flow-lines at the facility equipment. Additional investigative measures are required by TEP.

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Photo 4: See comments under photo 3.

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Photo 5: See comments under photo 3.

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Photo 6: See comments under photo 3.

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Photo 7: Photos taken with use of a sUAS. Photo shows slope drain on the south end of the Location; the slope drain has not been installed in accordance with good engineering practices, and is not in proper functioning condition; drain pipe has been cut halfway down slope; remaining pipe not in use is considered debris and requires removal. Slope drain has not been properly secured or constructed with an engineered outlet, which has resulted in stormwater degradation at the outlet. Stormwater and erosion control measures to allow for proper stormwater discharge, and to minimize off site degradation is missing or insufficient.

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Photo 8: Continued from photo 7. Photo shows slope drain pipe has been cut halfway down slope. Photo also shows slope drain has not been properly secured or constructed with an engineered outlet (per good engineering practices), which has resulted in stormwater degradation at the outlet. Stormwater and erosion control measures to allow for proper stormwater discharge, and to minimize off site degradation is missing or insufficient.

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Photo 9: Continued from photo 8. Photo shows the outlet of the lower section of slope drain pipe that has been cut off; this section of pipe is now debris. Photo shows that a properly engineered outlet was also not constructed at this outlet, resulting in erosion degradation when this section of pipe was still in use. Stormwater and erosion control measures to allow for proper stormwater discharge, and to minimize off site degradation is missing or insufficient.

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Photo 10: Photos taken from the working pad of the Location. Photos provide examples showing control measures to stabilize the working pad, minimize rutting, tracking and sediment transport remains missing or insufficient.