

# Inspection Photos

7/21/2021

Operator: GUNNISON ENERGY LLC # 10515

Location ID: 453805

Gunnison County, CO

Aaron Trujillo

NW Reclamation Specialist

COGCC

Inspection Photos  
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**Photo 1:** Photo taken from the east end of the Location, facing south. Photos 1-4 provide an overview of the Location from south, southwest, northwest to north.



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



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July 21, 2021  
39.15729345N 107.47707871W

**Photo 3:** See comments under photo 1.



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July 21, 2021  
39.15730688N 107.47709815W

**Photo 4:** See comments under photo 1.



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**Photo 5:** Photo taken from the topsoil stockpile on the north end of the Location. Photo shows BMPs remain missing or insufficient at the topsoil stockpile; straw mulch application not uniform, has not been crimped or used in conjunction with any other stabilization BMP, and is insufficient alone to stabilize and protect the topsoil stockpile; BMPs remain missing or insufficient along the entire perimeter of the topsoil stockpile to prevent sediment transport.



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**Photo 6:** Photos show “ditches” constructed on the southwest/northwest ends of the Location. BMPs have been constructed with vertical slopes; BMP has not been constructed in accordance with good engineering practices. Extracted soils have been left along channel unconsolidated, and is considered a pollutant source.





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**Photo 7:** Photo taken from the southwest end of the Location, facing east. Photo shows inlet armoring is inadequate; erosion degradation observed at inlet of ditch.





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**Photo 8:** Photos show the western fill slopes (left photo), the cut slopes on the north/east end of the Location (middle photo), and the cut slopes on the south end of the Location. Previous inspection noted that Operator implemented tracking along the contour of the cut/fill slopes, and that the BMP was not implemented per good engineering practices. Photo shows improper tracking and has facilitated erosion degradation on the slopes; Stormwater and erosion control measures remain missing/insufficient to protect and stabilize the cut and fill slopes of the Location.



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**Photo 9:** Photo taken from the fill slopes on the southeast end of the Location. Photo shows that BMPs remain missing or insufficient to protect/stabilize southeastern fill slopes and allow for sediment laden-free discharge per good engineering practices.



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**Photo 10:** Photo shows the two porta-johns on the Location; porta-johns observed to not be properly secured in place; this is considered improper spill prevention practices.



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July 21, 2021  
39.1573208N 107.47780382W

**Photo 11:** Photo taken from the north end of the Location. Photo provides example of stored materials onsite without proper covering to minimize contact of precipitation and stormwater runoff with materials, wastes, equipment, and activities with potential to result in discharges causing pollution of surface waters.



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**Photo 12:** Photo provides example of stored materials onsite without proper covering to minimize contact of precipitation and stormwater runoff with materials, wastes, equipment, and activities with potential to result in discharges causing pollution of surface waters.



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July 21, 2021  
39.15737135N 107.47770507W



July 21, 2021  
39.1573123N 107.47774773W

**Photo 13:** Photo taken from the north end of the Location. Photo shows example of improper materials management that has resulted in several spills throughout the Location.



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**Photo 14:** Photo taken from the north end of the Location. Photo shows example of improper materials management that has resulted in several spills throughout the Location.



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**Photo 15:** Photo shows example of barrels/tanks/containers observed stored on the location without proper secondary containment; BMPs missing or insufficient to contain spill.



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**Photo 16:** Photo taken from the north end of the Location. Photo shows bucket containing unknown fluids.



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**Photo 17:** Photo shows green barrels with unknown contents; photo shows example of barrels, and containers missing labeling information (Labeling was observed on the black barrel).





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**Photo 18:** Photo taken from the east end of the Location, facing west. Photos 18-21 provide example of various spills and impacted stormwater observed on the Location, including within the perimeter stormwater ditch.



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**Photo 19:** See comments under photo 18.





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**Photo 20:** See comments under photo 18.





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**Photo 21:** See comments under photo 18.



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**Photo 22:** Photo taken from the cut and fill slopes of the access road. Photos show that mulch has been applied to the cut slopes, and slash material has been applied to the fill. Application observed to be uniform, though loose. It is unclear at time of inspection if BMPs are adequate to protect and stabilize slopes of the access road; additional BMPs in conjunction with mulch maybe necessary. Continue to monitor/manage slopes. A followup inspection will be conducted to determine compliance with 1002.f



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**Photo 23:** Photo taken from the sediment trap on the west end of the Location.



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**Photo 24:** Continued from photo 23. Photo show inlets at the sediment trap are inadequate; erosion degradation observed at inlets. Geotextile lining does not appear to have been implemented at trap's inlets/outlets per good engineering practices.



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**Photo 25:** Photos 26-27 taken from the western perimeter of the Location. Photo shows perimeter stormwater and erosion control measures remain inadequate to properly manage runoff, and to allow for sediment laden-free stormwater discharge; offsite sediment transport evident. Sediment due to improper stabilization of the fill slopes has filled the silt traps.



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**Photo 26:** See comments from photo 25. Photo shows a straw wattle was placed along a gap of the silt fence; wattle not installed in accordance with good engineering practices, or maintained in proper functioning condition; Operator placed a pipeline on top of the wattle, rendering it inadequate.



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**Photo 27:** See comments from photo 25.

