

# Inspection Photos

5/16/2022

Operator: CAERUS PICEANCE LLC - 10456

Location ID: 467272

Rio Blanco County, CO

Aaron Trujillo

NW Reclamation Specialist

COGCC

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**Photo 1:** Photos taken from west t end of the Location, facing northeast and southeast. Photos provide an overview of the location.





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**Photo 2:** Photos taken from the north end of the Location. Photos example showing trash, weed debris, etc... observed on and off location.



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**Photo 3:** See comments under photo 2.



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**Photo 4:** Photos taken from the slopes of the Location. Photos examples showing control measures to minimize erosion/degradation are missing or insufficient on the Location; slopes on locations a mixture of fine and rocky substrate; majority of the materials observed to be unconsolidated. Photos also provide examples showing how Operator has utilized topsoil at the base of the fill slopes/subsoils of the Location as a berm and sediment trap/pond to manage stormwater. Topsoil is not an appropriate material to construct stormwater control measures, and is at risk of degradation, loss and displacement due to stormwater discharge; use of topsoil as stormwater control measures does not comport with Rule 1002.b and 1002.c. Topsoil stockpiles along perimeter are predominantly bare, and at risk to erosion.



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**Photo 5:** See comments under photo 4.



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**Photo 6:** Photos taken from the slopes of the Location. Photos examples showing control measures to minimize erosion/degradation are missing or insufficient on the Location; slopes on locations a mixture of fine and rocky substrate; majority of the materials observed to be unconsolidated. Photos also provide examples showing how Operator has utilized topsoil at the base of the fill slopes/subsoils of the Location as a berm and sediment trap/pond to manage stormwater. Topsoil is not an appropriate material to construct stormwater control measures, and is at risk of degradation, loss and displacement due to stormwater discharge; use of topsoil as stormwater control measures does not comport with Rule 1002.b and 1002.c. Topsoil stockpiles along perimeter are predominantly bare, and at risk to erosion.



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**Photo 7:** Photos provide examples showing how Operator has utilized topsoil at the base of the fill slopes/subsoils of the Location as a berm and sediment trap/pond to manage stormwater. Topsoil is not an appropriate material to construct stormwater control measures, and is at risk of degradation, loss and displacement due to stormwater discharge; use of topsoil as stormwater control measures does not comport with Rule 1002.b and 1002.c. Topsoil stockpiles along perimeter predominantly bare, and unvegetated, and at risk to erosion.



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**Photo 8:** Photos provide examples showing how Operator has utilized topsoil at the base of the fill slopes/subsoils of the Location as a berm and sediment trap/pond to manage stormwater. Topsoil is not an appropriate material to construct stormwater control measures, and is at risk of degradation, loss and displacement due to stormwater discharge; use of topsoil as stormwater control measures does not comport with Rule 1002.b and 1002.c. Topsoil stockpiles along perimeter predominantly bare, and unvegetated, and at risk to erosion.





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**Photo 9:** Photos taken from the sediment trap on the north end of the Location. Inlet at the sediment trap/pond on the north end of the Location does not appear to be properly engineered; gully erosion/degradation becoming apparent at the inlet/control.



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**Photo 10:** Photos taken from the south end of the Location. Photo on the left taken from the 9/3/2021 inspection, and shows control measures to contain drill cuttings is inadequate, resulting in a spill outside of containment. Photo right shows the containment BMP has been maintained, however impacted materials in the area of the spill is apparent (arrow). Operator does not appear to have properly cleaned spill.



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**Photo 11:** Continued from photo 10. Photo shows impacted materials remaining. Photo right shows cuttings right of the berm, and impacted materials left of the berm. Operator does not appear to have properly cleaned spill.



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**Photo 12:** Continue from photo 10/11. Photo shows impacted materials observed outside of containment. Operator does not appear to have properly cleaned spill. Photo left also shows proximity of spill to the sediment trap/basin on the south end of the location, as well as the topsoil used as the berm for the trap.