

Inspection Photos

10/09/2023

Operator: CAERUS PICEANCE LLC #10456

Location ID: 335886

Inspection Doc: 696205330

Garfield County, CO

Aaron Trujillo
NW Reclamation Specialist
CECMC



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Photo 1: Photos taken from the southeast end of the Location. Photos provide an overview of the Location (as well as the reclamation work conducted) from west to northwest. Location has been recontoured/regraded and revegetation activities are apparent. Straw mulch has been blown over the reclamation area. Erosion logs (wattles, red arrow) implemented along the southern perimeter (left of photo left). A shallow swale (yellow arrow) has been constructed during contouring work to act as a retention pond to capture runoff.



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Photo 2: Photos 2-3 taken from the north end of the Location. Photos provide an overview of the Location (as well as the reclamation work conducted) from east, southeast southwest to west. ECMC Staff commends Caerus for the contour work conducted on the Location.



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Photo 3: See comments under photo 2.



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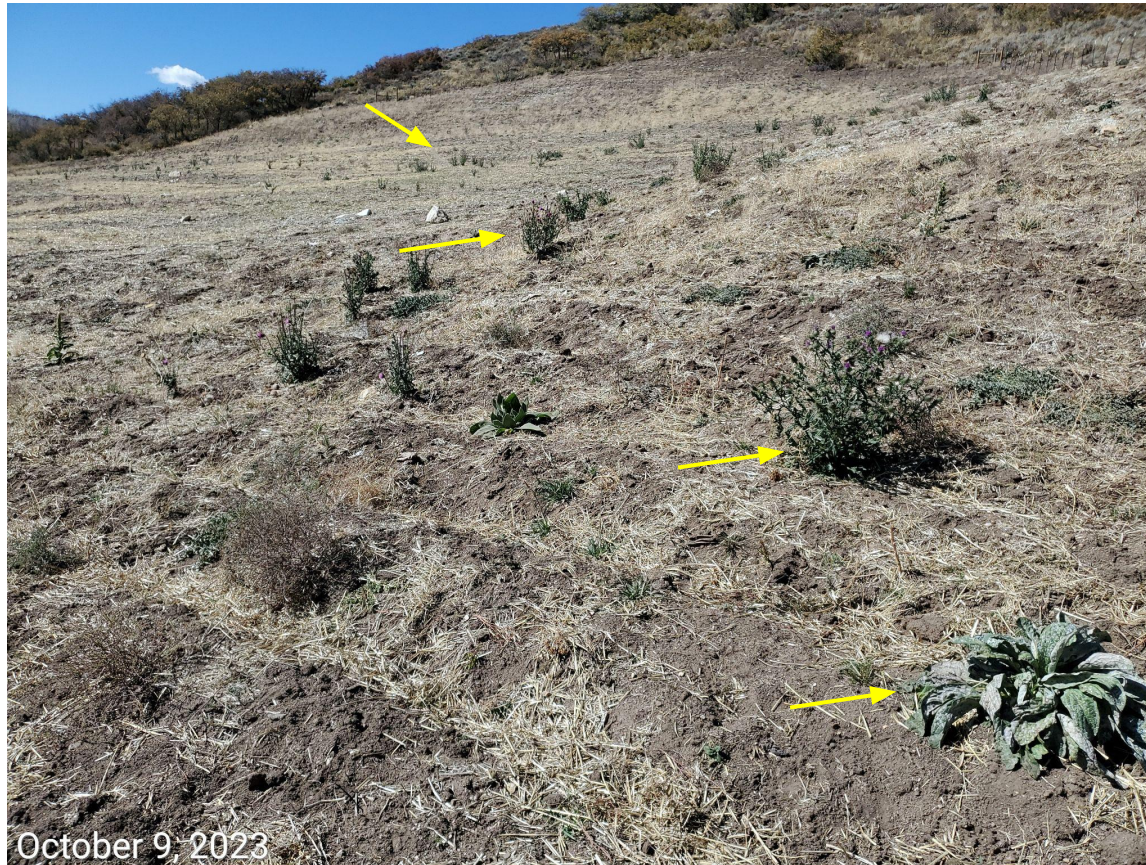


Photo 4: Photo provides an example of Noxious weeds observed established on the Location; species observed include Musk thistle and Houndstongue. All tall and green vegetation observed within this photo (as well as within photos 2-3) are noxious weeds.



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Photo 5: Photo taken from the northwest end of the Location, facing west. Photo example showing areas where mulch had not been uniformly applied and/or anchored; mulch on Location has been blown onto the soil surface, and was not observed to be anchored mechanically (such as crimping or a tackifier).



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Photo 6: Photo taken from the north end of the Location, facing east. Photo example showing areas where mulch had not been uniformly applied (left of line) and/or anchored; mulch on Location has been blown, and was not observed to be anchored mechanically (such as crimping or a tackifier). Photo also shows stormwater and erosion control measures to manage runoff along the northern perimeter of the Location have not been implemented.



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Photo 7: Photo taken from the north end of the Location. Photo example showing erosion degradation is becoming apparent; soils within photo are bare and at risk to wind, water and weeds. Perimeter control measures to manage runoff have not been implemented.



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Photo 8: Photo taken ~50 south/downhill of photo 7. Photo shows areas where stormwater is becoming concentrated flows on the Location, resulting in degradation. Yellow arrows represent flow direction; lines outline erosion.



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Photo 9: Photo example showing erosion degradation is becoming apparent. Perimeter control measures to manage runon have not been implemented. Yellow arrows represent flow direction; lines outline erosion.



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Photo 10: Photo example showing erosion degradation is becoming apparent. Perimeter control measures to manage runon have not been implemented. Yellow arrows represent flow direction; lines outline erosion.



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Photo 11: Photo example showing erosion degradation is becoming apparent. Perimeter control measures to manage runoff have not been implemented. Yellow arrows represent flow direction; lines outline erosion.



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Photo 14: Photos example showing downslope areas where mulch has either been applied too thickly, or is accumulating due to lack of anchoring in conjunction with wind/water/gravity. Mulch was ~6 inches thick in such areas.