

Construction and Stormwater Inspection

Date: 09/27/2023

Operator: DENOVA SEQUESTRATION LLC - 10790

Location ID: 483817

Inspection Document #: 708200572

Washington County, CO

SENE Section 28 T1N R49W

Dylan Edwardson
Reclamation Specialist, ECMC



COLORADO

**Energy & Carbon Management
Commission**

Department of Natural Resources

Inspection Photos
Location Name: Denova 1
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Photo 1. Taken from the entrance to the location. Undesirable vegetation (e.g. russian thistle and kochia) was observed throughout the disturbance area.

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Photo 2. Taken approximately 1 mile north from the entrance. Rilling degradation was observed on the shoulders of the access road, indicating that the disturbance areas are not properly stabilized from wind and water erosion.

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Photo 3. See comments in Photo 2.

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Photo 4. Taken approximately 1 mile north of the entrance. Photo illustrates that cut banks are not properly stabilized with evidence of bare/exposed soils and and erosion degradation occurring.

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Photo 5. Taken on the opposite side of the road from Photo 4.



Photo 6. Taken approximately ¼ mile west of the location. Photo illustrates that cut banks are not properly stabilized with evidence of bare/exposed soils and and erosion degradation occurring.

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Photo 7. See comments in Photo 6. Sediment transport pictured.

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Photo 8. Opposite side of the road from Photo 7.

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Photo 9. See comments in Photo 6. No apparent stormwater control measures observed along the access road/ditch.

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Photo 10. Southside of access road, approximately ¼ mi west of the location. Gully erosion degradation pictured; no apparent stormwater control measures/BMPs observed.



Photo 11. Continued form Photo 10.



Photo 12. North side of the access road, approximately 1000' west of the location. Photo illustrates that sediment transport is beginning to migrate onto adjacent lands with no apparent stormwater control measures observed.

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Photo 13. Taken along the access road. Debris (wire) that will need to be removed.

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Photo 14. Taken approximately 500' west of the location. Offsite sediment transport; no apparent stormwater control measures observed.

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Photo 15. Taken at the location's entrance. Erosion degradation occurring at the cattle guard.

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Photo 16. Taken near the location's entrance. The "parking" areas pictured were previously inspected and found to not have topsoil salvaged as required per Rule 1002.b. It appears the Operator removed most of the road base/ gravel material and seeded/mulched the area. The areas consist mainly of bare/exposed soils with gravel still present. Additional reclamation activities are required to stabilize and protect the topsoil from wind and water erosion.

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Photo 17. Continued from Photo 16.

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Photo 18. Taken from the western side of the location. Photo illustrates straw mulch that is now considered trash/debris. Additionally, bare/exposed soils are evident.



Photo 19. Taken from the sediment trap on the western side of the production pad. Rill and gully erosion degradation evident. Stormwater control measures do not appear to be adequate for this location as unstabilized soils were observed.

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Photo 20. See comments in Photo 19.

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Photo 21. See comments in Photo 19.

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Photo 22. Example of trash/debris found within the southwestern corner of the location. Operator shall self identify all trash on location and properly remove.



Photo 23. Taken from the southwestern corner of the location. Photo illustrates that the disturbance area is not properly stabilized against wind and water erosion (e.g. bare soils) and undesirable vegetation (e.g. kochia and russian thistle) appears to be unmanaged throughout.

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Photo 24. Taken from the southern portion of the production area. Erosion degradation observed from the unstabilized production areas.



Photo 25. Taken from the southern topsoil stockpile. Non-uniform vegetative cover resulting in areas of bare/exposed soils and undesirable species (e.g. russian thistle and kochia) observed.



Photo 26. Taken from the southeast corner of the location. Undesirable vegetation (e.g. russian thistle and kochia) was observed throughout and does not appear to have been managed for previously.



Photo 27. Taken from the southern portion of the topsoil stockpile. The stockpile pile is predominantly undesirable vegetation with very few desirable native species observed that would otherwise out compete the weedy vegetation. Additional reclamation activities are required to protect the topsoil stockpile.

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Photo 28. Middle portion of topsoil stockpile. See comments in Photo 27.

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Photo 29. See comments in Photo 27.

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Photo 30. Taken from the eastern side of the topsoil stockpile. Stormwater control measures are not properly installed and are beginning to degrade; evidence of sedimentation around the wattles was also observed.

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Photo 31. Continued from Photo 30.



Photo 32. Taken near the northeastern corner of the location. Photo illustrates that additional disturbance was observed outside of the fenced location. Both areas are not properly stabilized against wind and water erosion and require additional reclamation/stormwater activities.



Photo 33. Taken from the western side of the topsoil stockpile. Erosion degradation and sediment transport was observed for the improperly stabilized stockpile. Stormwater control measures(straw wattles) are inadequate as they are beginning to fill with sediment, not installed correctly, and starting to degrade.



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Photo 34. Continued from Photo 33.



Photo 35. Continued from Photo 33.

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Photo 36. Erosion degradation occurring on the unstabilized topsoil stockpile; photo taken from the southern side of the location.

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Photo 37. Trash and debris observed on the production/drilling pad.

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Photo 38. Taken from the northwestern corner of the location. Photo illustrates that soils are not properly stabilized and the presence of undesirable vegetation was observed. Additional reclamation activities are required to stabilize the soil from wind and water erosion degradation.