

Construction and Stormwater Inspection

Date: 01/12/2024

Operator: BISON IV OPERATING - 10670

Location ID: 485658

Inspection Document #: 708200876

Weld County, CO

Dylan Edwardson
Reclamation Specialist, ECMC



COLORADO

Energy & Carbon Management
Commission

Department of Natural Resources

Inspection Photos
Location Name: Boomhog 8-59 3
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Photo 1. Soil around the culvert ends has been left unconsolidated; soils around the inlet/outlet don't appear to be compacted or otherwise stabilized.



Photo 2. West side of topsoil stockpile. It appears the stockpile has been temporarily stabilized with evidence of equipment tracking, however, tracks are beginning to fill with soil which indicates additional stabilization BMPs are required.

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Photo 3. Northeast corner of drilling area, near stockpile. Stormwater ditches have been equipment tracked, however, tracks are beginning to fill with soil which indicates additional stabilization BMPs are required.

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Photo 4. Northside of stockpile. Sediment controls (filtrexx) require maintenance.

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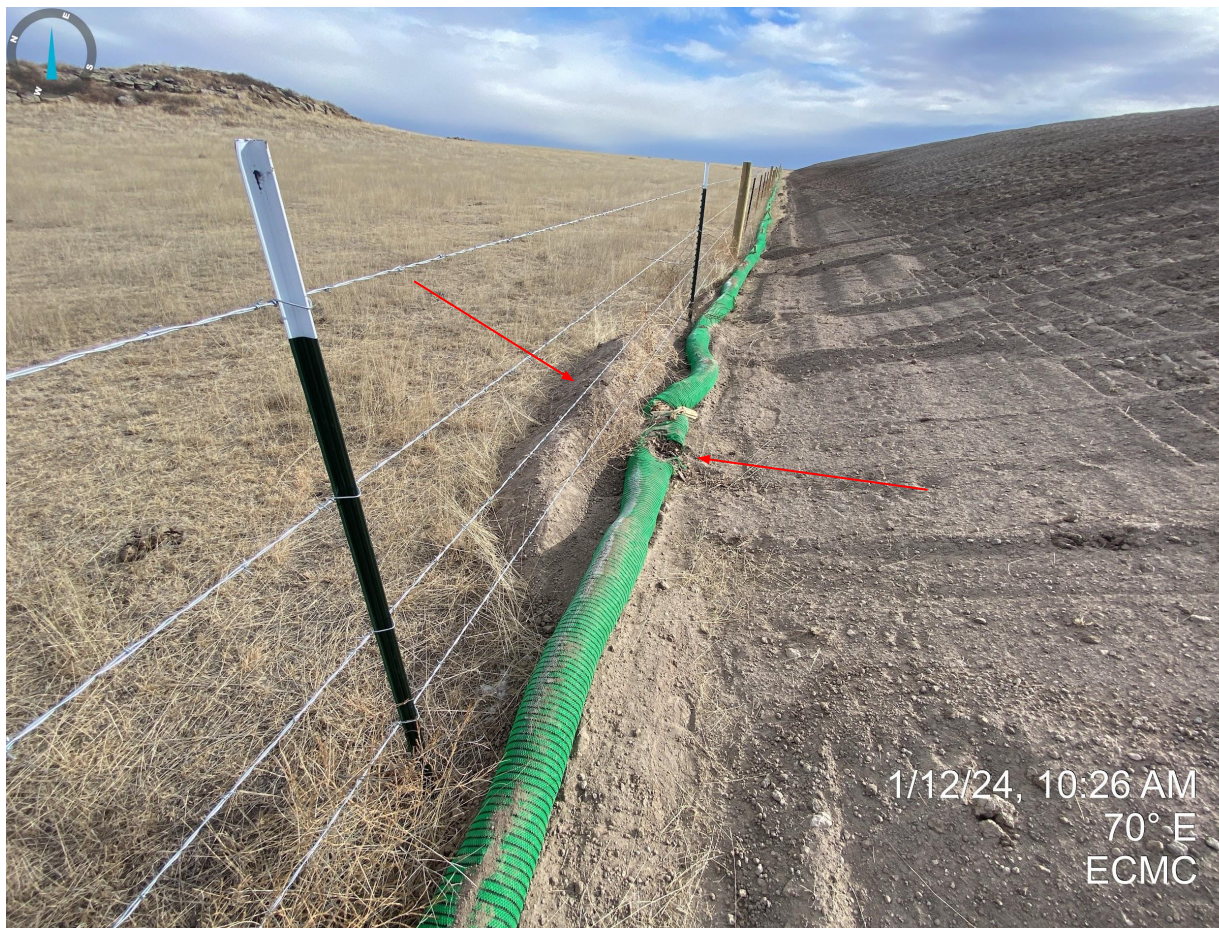


Photo 5. Northside of stockpile. Sediment controls (filtrexx) require maintenance or replacement (ripped). Soils outside of the fenced disturbance area shall be placed back to the stockpile.

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Photo 6. East side of stockpile. Evidence of wind erosion (soil deposition) outside of the fenced disturbance area resulting from unstabilized soils on the construction site.

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Photo 7. Taken from the approximate center of the drilling pad. Portions of the drilling pad have been paved over or otherwise compacted.

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Photo 8. East side of pad construction, outside of the disturbance area. Evidence of wind erosion (soil deposition) outside of the fenced disturbance area resulting from unstabilized soils on the construction site.

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Photo 9. East side of pad construction. Evidence of wind erosion (soil deposition) outside of the fenced disturbance area resulting from unstabilized soils on the construction site.

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Photo 10. Continued from Photo 9. East side of pad construction. Evidence of wind erosion (soil deposition) outside of the fenced disturbance area resulting from unstabilized soils on the construction site. Also pictured (red arrow) trash/debris.

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Photo 11. Filtrex requires maintenance as they're beginning to fill with soil.

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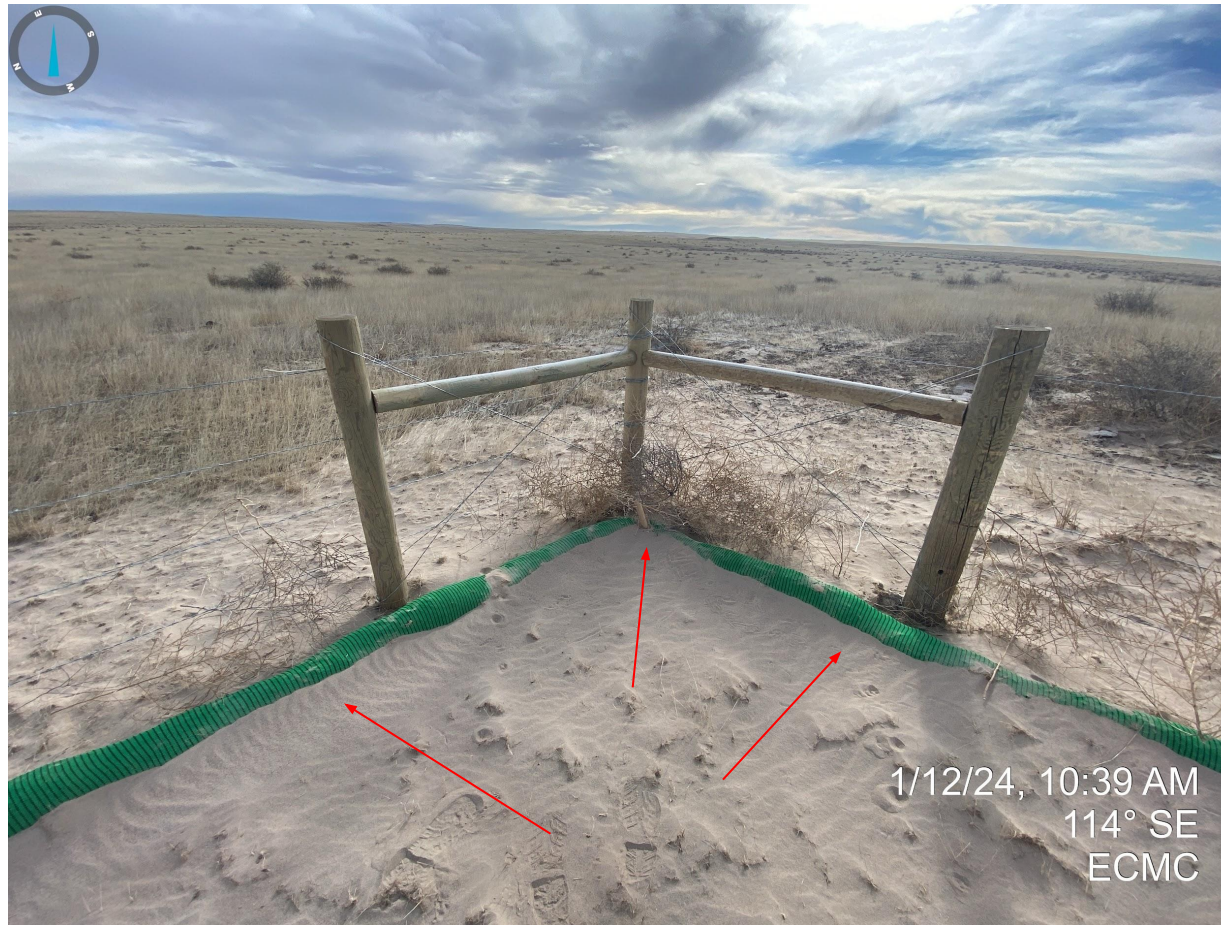


Photo 12. Southeast corner of location. Filtrex requires maintenance as they're beginning to fill with soil.

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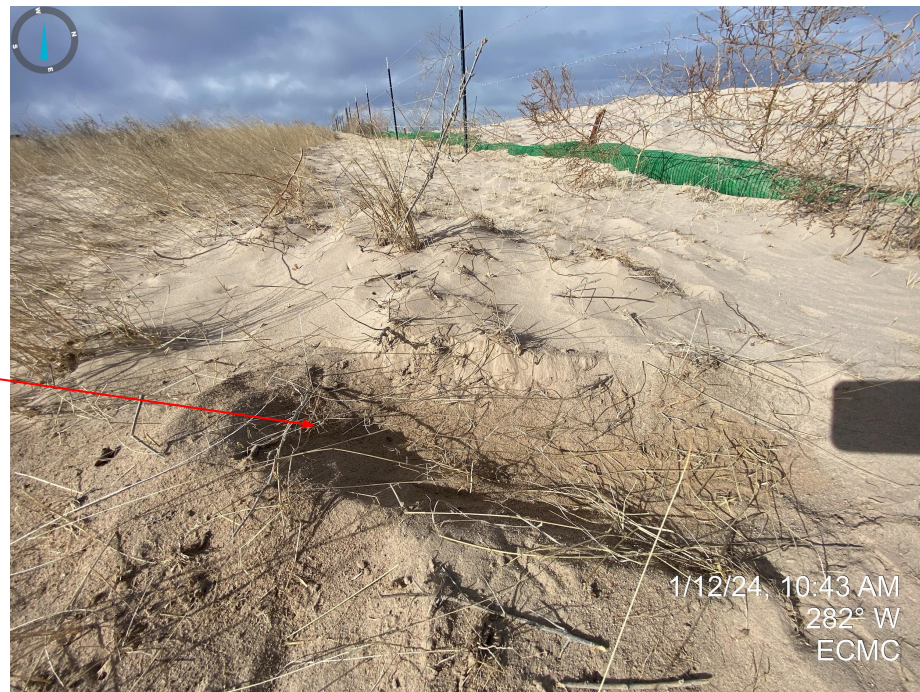
Photo 13. Southeast side of pad construction, outside of fenced disturbance area. Evidence of wind erosion (soil deposition) outside of the fenced disturbance area resulting from unstabilized soils on the construction site. Red polygon is only an approximation of new disturbance.

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Photo 14. Southeast side of pad construction, outside of fenced disturbance area. Evidence of wind erosion (soil deposition) outside of the fenced disturbance area resulting from unstabilized soils on the construction site. Red polygon is only an approximation of new disturbance.

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Photos 15 & 16. Taken from the southeast corner of the location, outside of the fenced disturbance area. Photo illustrates the depth of soil deposition (approximately 2"); deposition depth varied across the impacted lands.

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Photo 17. Southeast corner of location. Filtrexx requires repair/replacement.

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Photos 18 & 19. Southeast stormwater retention area. Stormwater controls have been equipment tracked, however, tracks are beginning to fill with soil which indicates additional stabilization BMPs are required (e.g. seeding, tackifiers, etc). The retention areas also do not appear to have any protected/armored inlet or outlets.

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Photo 20. Southeast retention area. See comment in Photos 18 & 19. Red arrow indicates example of unstabilized soils.

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Photo 21. Unstabilized soils along the southern stormwater ditch.



Photo 22. Southwest stormwater retention area. Stormwater controls have been equipment tracked, however, tracks are beginning to fill with soil which indicates additional stabilization BMPs are required (e.g. seeding, tackifiers, etc). The retention areas also do not appear to have any protected/armored inlet or outlets.

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Photo 23. Southwest retention area. See comment in Photo 22. Red arrow indicates example of unstabilized soils.

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Photo 24. Improper equipment tracking (parallel to slope) on the backside of the stormwater retention area.

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Photo 25 Continued from Photo 24. Unstabilized soils pictured.

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Photo 26. Trash/debris on the outside of location, southwest corner.

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Photo 27. Trash/debris on the outside of location, southwest corner.