

Construction and Stormwater Inspection

Date: 10/20/2023

Operator: MDS ENERGY DEVELOPMENT LLC - 10814

Location ID: 477495

Inspection Document #: 708200645

Weld County, CO

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COLORADO

**Energy & Carbon Management
Commission**

Department of Natural Resources

Inspection Photos
Location Name: Daffy Pad
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Photos 1 & 2. Previously used access roads, south of the new access road, have been disturbed by vehicle and construction activities. These disturbances will need to be reclaimed per the 1000 series rules.



Photo 3. Location signage posted at the entrance to the location, previously required by a corrective action.



Photo 4. Taken from the new location entrance. Photo illustrates fine grading of the new access road. Also pictured, equipment tracking is parallel to the slope. Additional stabilization techniques (e.g. seeding/mulching) should be implemented to protect the soils from wind and water erosion degradation. .



Photo 5. Taken north of the new entrance/access road. Photo illustrates a portion of the former access road that has had topsoil added for subsequent reclamation. Onsite Operator representative informed Staff that topsoil salvaged from the new access road was redistributed throughout the former access road. Soils pictured here are not properly stabilized against wind/water erosion degradation.

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Photos 6 & 7. Taken near the northwest corner of the former access road. See comments in Photo 5.

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Photos 8 & 9. Taken from the former access road, north of the new access road. See comments in Photo 5.

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Photos 10 & 11. Taken from the northernmost portion of the new access road. Photo illustrates unconsolidated material within the new access road. Additional stormwater control measures/BMPs should be implemented to ensure that sediment migration does not impact adjacent areas, or travel off location.

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Photos 12 & 13. Continued from Photos 10 & 11. Unconsolidated material and the absence of perimeter stormwater control measures/BMPs.

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Photos 14 & 15. Taken from the south side of the new access road. Unconsolidated material (red arrow) and the absence of perimeter stormwater control measures/BMPs (red line).

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Photo 16. Taken from the northwest corner of the location. Photo illustrates that equipment tracking is parallel to the slope.

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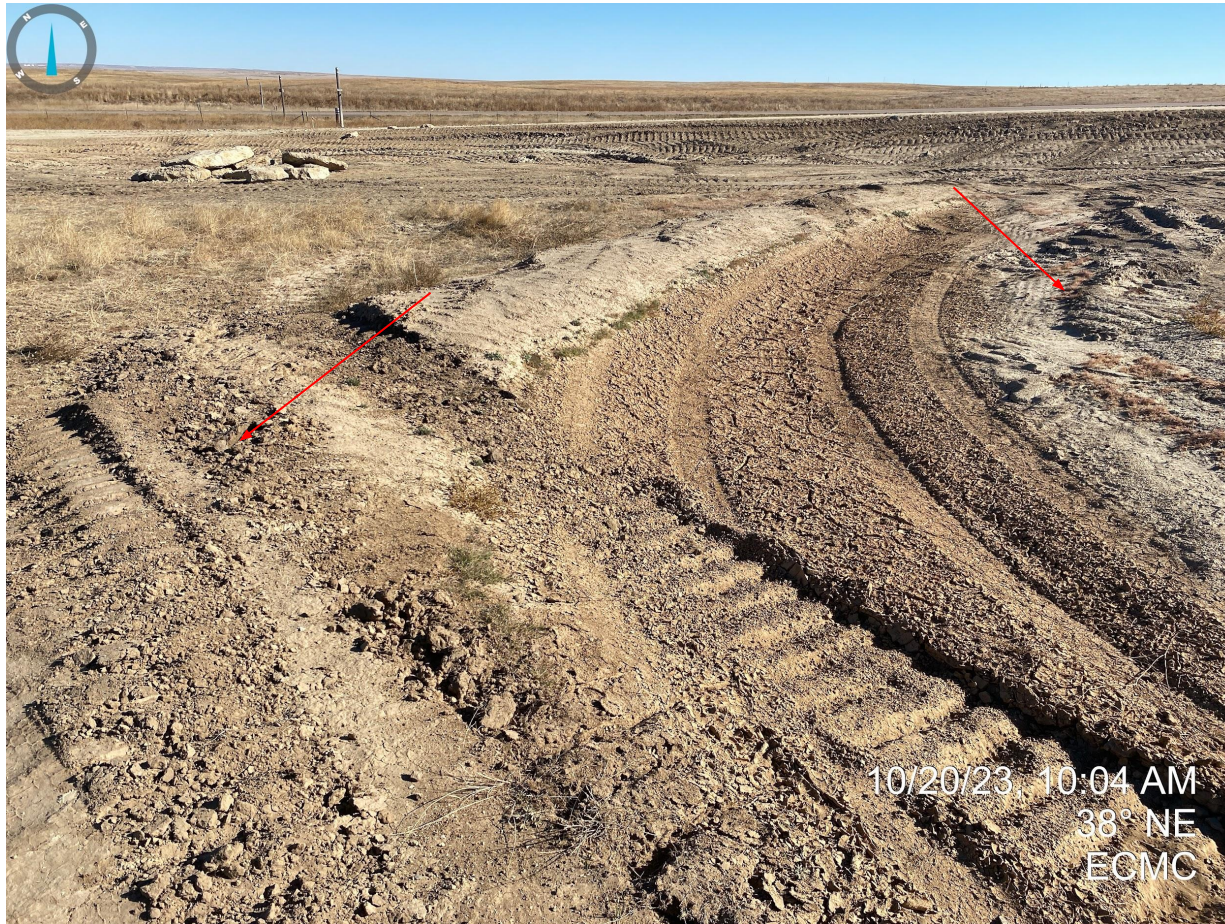


Photo 17. Taken from the northwest corner of the location. Photo illustrates that the perimeter stormwater ditch is comprised of unconsolidated material and is not properly stabilized. Additional repairs/maintenance is required.

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Photo 18. Overview of the production pad, taken from the southwest corner. Onsite crews informed staff that fill material was removed from the production pad and used for the new access road construction.

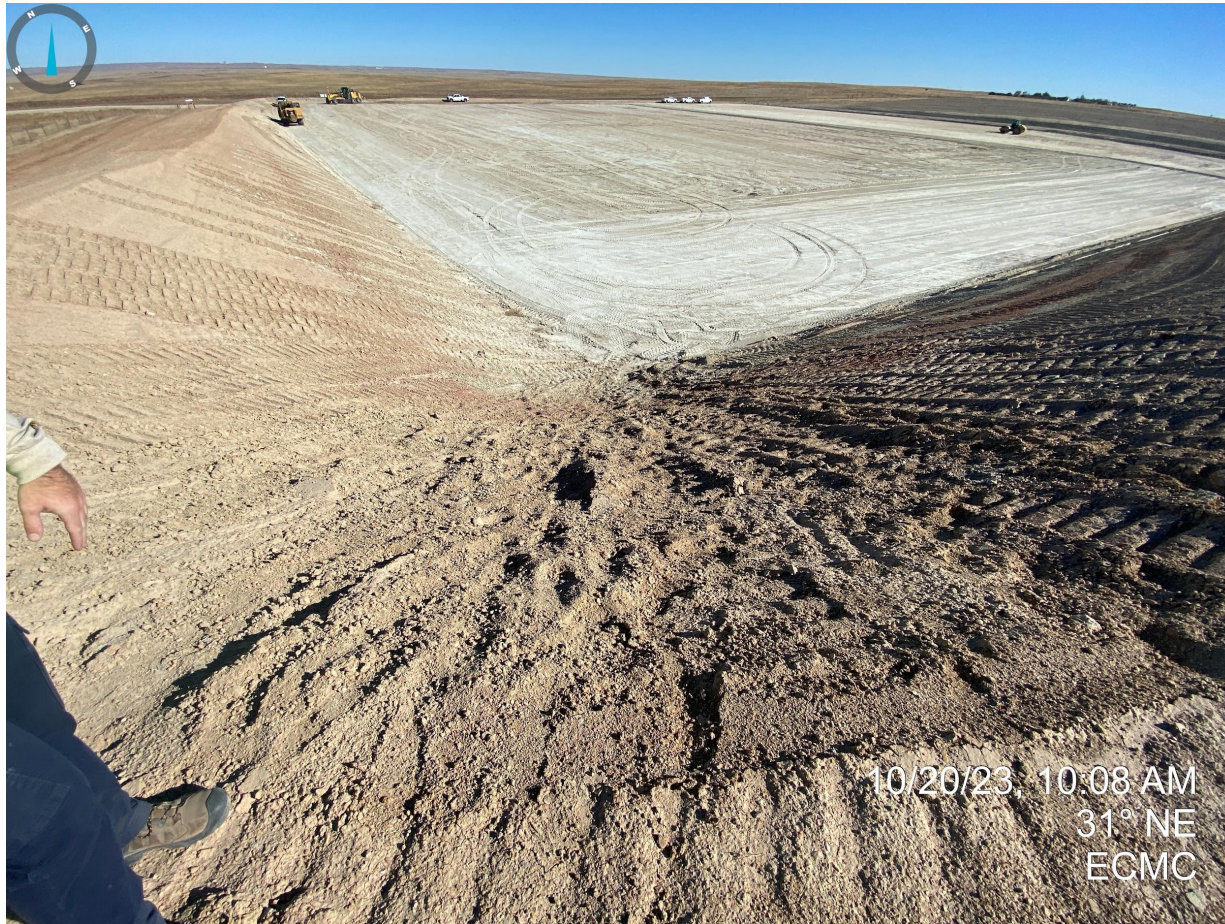


Photo 19. Taken from the southwest corner of the production area. Photo illustrates that some erosion degradation has been repaired since previously documented. Additional stormwater control measures/soil stabilization is required due to the steep topography and probability of further erosion degradation.



Photo 20. Taken from the southeastern portion of the production pad. Photo illustrates the absence of stormwater controls/BMPs within the stormwater ditch that would help to reduce the velocity of stormwater.



Photo 21. Unstabilized soils observed southeast of the production pad.

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Photos 22 & 23. Trash observed on the southeast portion of the location. The Operator shall self inspect the entire location and remove any trash to ensure that it does not blow off onto adjacent lands.

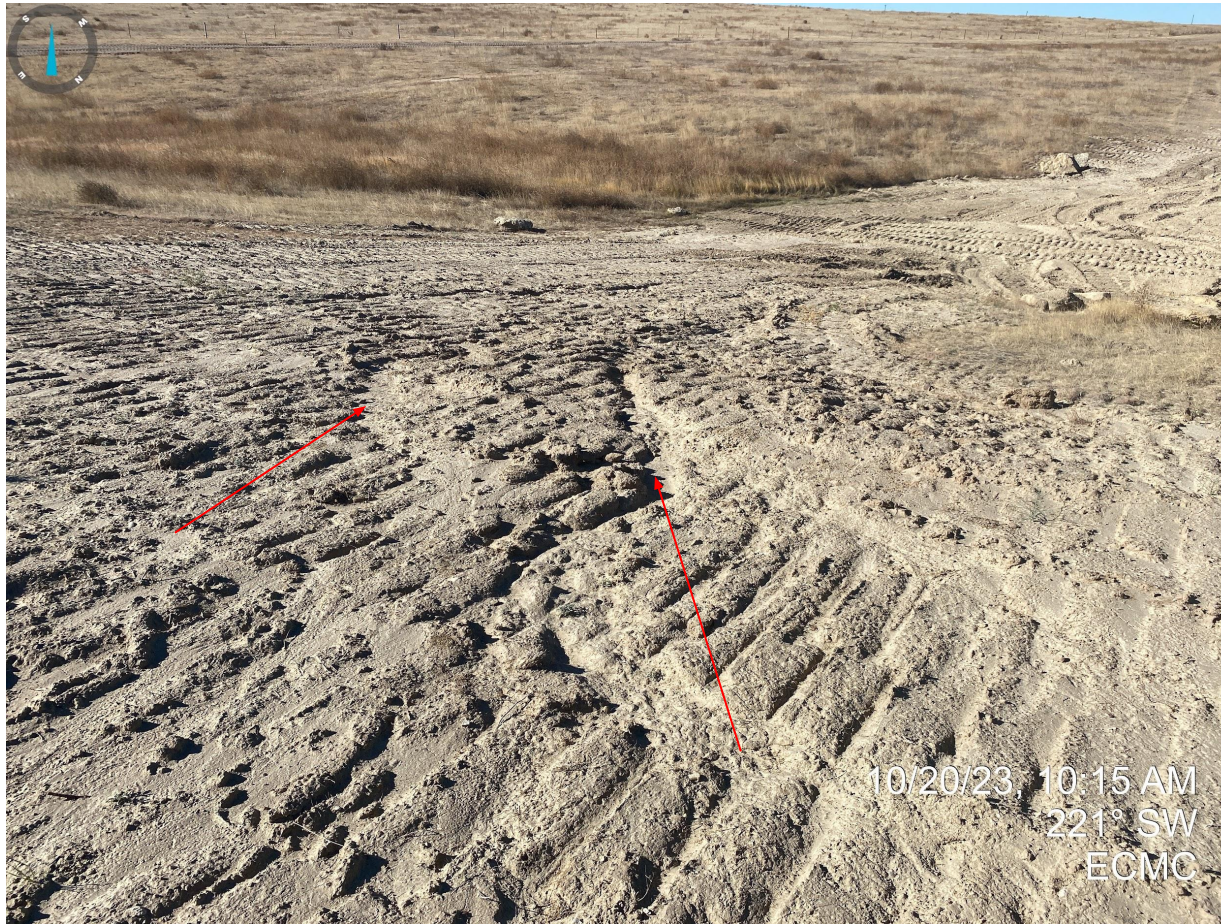


Photo 24. Erosion degradation observed on the south end of the topsoil stockpile. This was previously documented in the last inspection (Doc #708200543) and does not appear to have been repaired. No additional stormwater controls/BMPs were observed.



Photo 25. Erosion degradation (e.g. rilling) observed on the east side of the topsoil stockpile. Evidence of sediment deposition and absence of perimeter stormwater controls around the stockpile.



Photo 26. Taken from the east side of the topsoil stockpile. Photo illustrates evidence of sediment transport/deposition from improper temporary tracking and no apparent stormwater controls/BMPs to prevent topsoil from migrating into the adjacent stormwater ditch. Additional perimeter controls are required to prevent erosion degradation.

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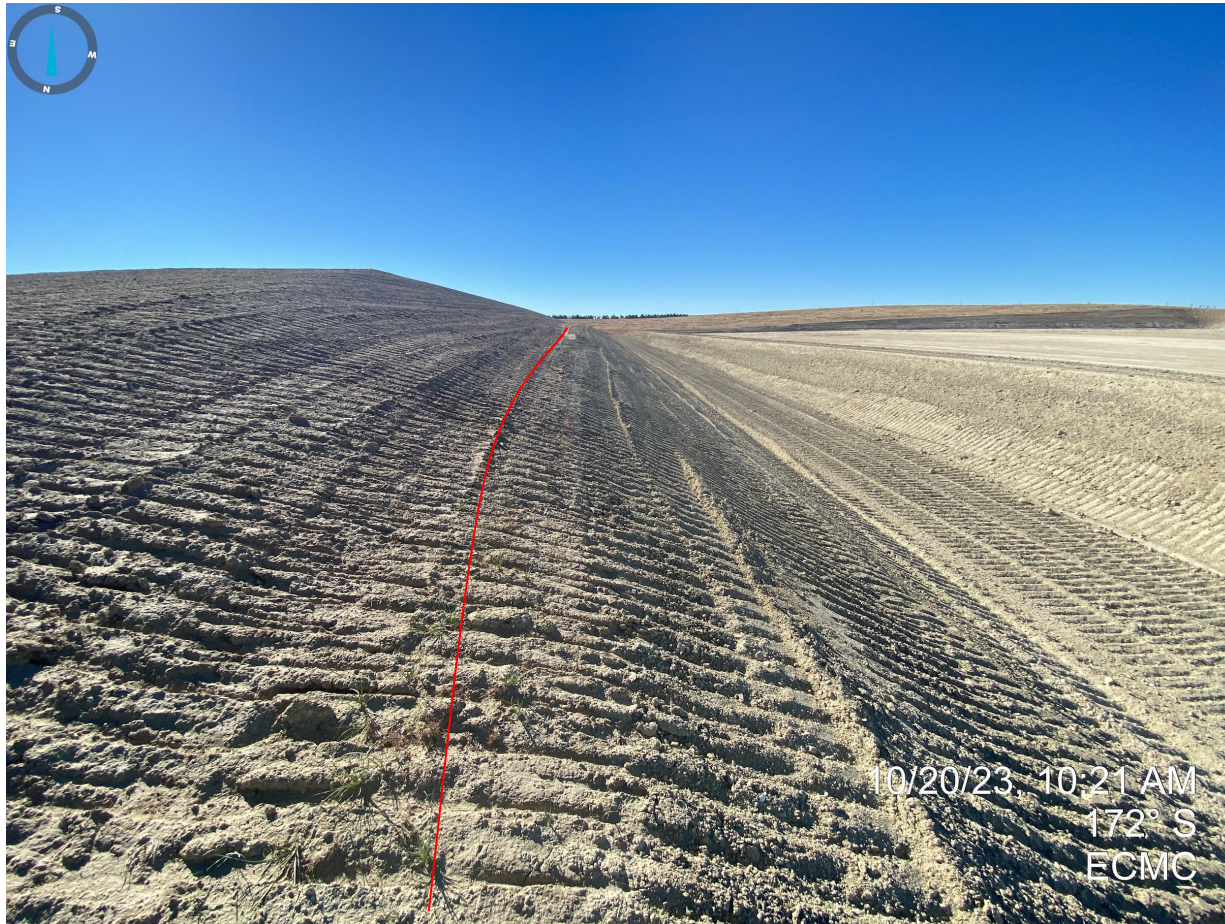
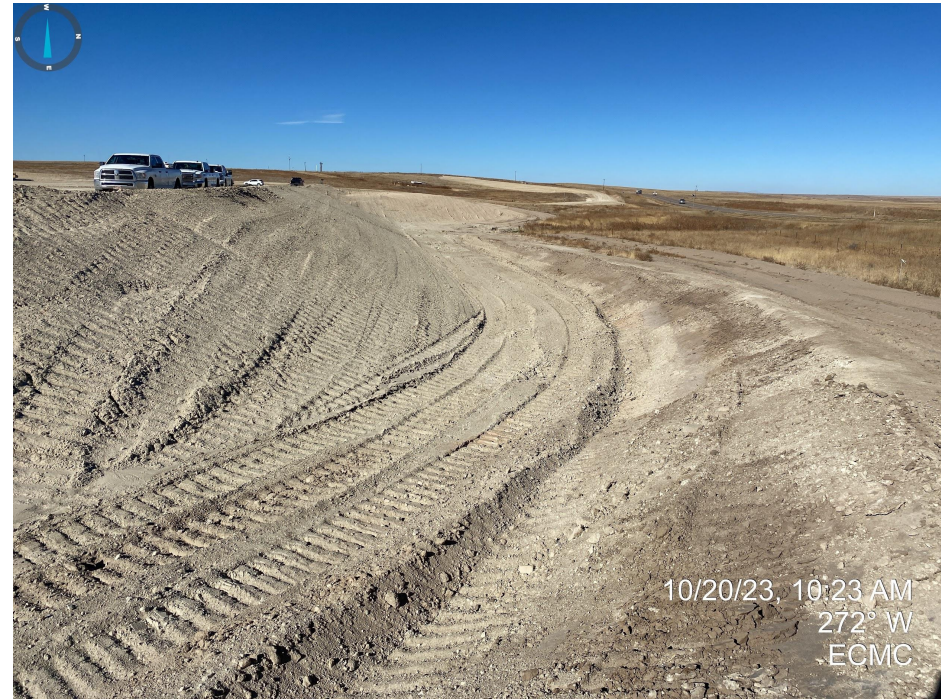


Photo 27. Continued from Photo 26, towards the northern end of the topsoil stockpile.

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Photos 28 & 29. Erosion degradation repaired on the northeast corner of the production pad. Equipment tracking is parallel to the slope and soils remain unstabilized.



Photo 30. Erosion degradation previously documented does not appear to have been repaired, and no additional stormwater control measures observed that would prevent/manage stormwater from exiting off location into adjacent areas. Additional and more robust control measures are required as much of the stormwater from the location could potentially collect in this low spot.



Photo 31. Continued from Photo30, taken from the northern/center portion of the location. No apparent stormwater control measures observed.