

Construction and Stormwater Inspection

Date: 09/06/2023

Operator: VERDAD RESOURCES LLC - 10651

Location ID: 481827

Inspection Document #: 708200545

Weld County, CO

NENW Section 34 T10N R59W

Dylan Edwardson
Reclamation Specialist, ECMC



COLORADO
Energy & Carbon Management
Commission
Department of Natural Resources

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photo 1. Taken from the entrance to the access road. Photo illustrates fugitive dust occurring from vehicle traffic. The Operator shall take actions to control fugitive dust per Rule 427.c.

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photo 2. Taken near the locations entrance. It appears the Operator planted an annual crop species (e.g. triticale) as part of temporary stabilization. The Operator shall ensure the location is stabilized for longer term by utilizing desirable perennial plant species reflective of adjacent reference areas.

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photos 3 & 4. Taken from the northwest corner of the location. Photo illustrates that the perimeter ditch and berm BMP is comprised of unconsolidated material and is not properly stabilized. Additional maintenance/repairs are required.

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photo 5. Taken from the center/northern portion of the location. Photo illustrates that the perimeter stormwater controls/BMPs do not appear to be adequate at controlling stormwater run on with evidence of sediment transport into the diversion ditch.

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photo 6. Taken from the northeast corner of the location. Photo illustrates that cut slopes do not appear to be properly stabilized as evidence by bare/exposed soils and no apparent stormwater controls to prevent erosion degradation (e.g. rilling).

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photo 7. See comments in Photo 6.

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photo 8 & 9. Taken from the northeast corner of the production area. Stained soil observed.

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photo 10 & 11. See comments in Photos 8 & 9.

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photo 12. Taken from on top, center portion, of the topsoil stockpile. It appears the Operator planted an annual crop species (e.g. triticale) as part of temporary stabilization. The Operator shall ensure the location is stabilized for longer term by utilizing desirable perennial plant species reflective of adjacent reference areas. Additional stabilization activities are required on areas of bare/exposed soils.

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photo 13. See comments in Photo 12.

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827

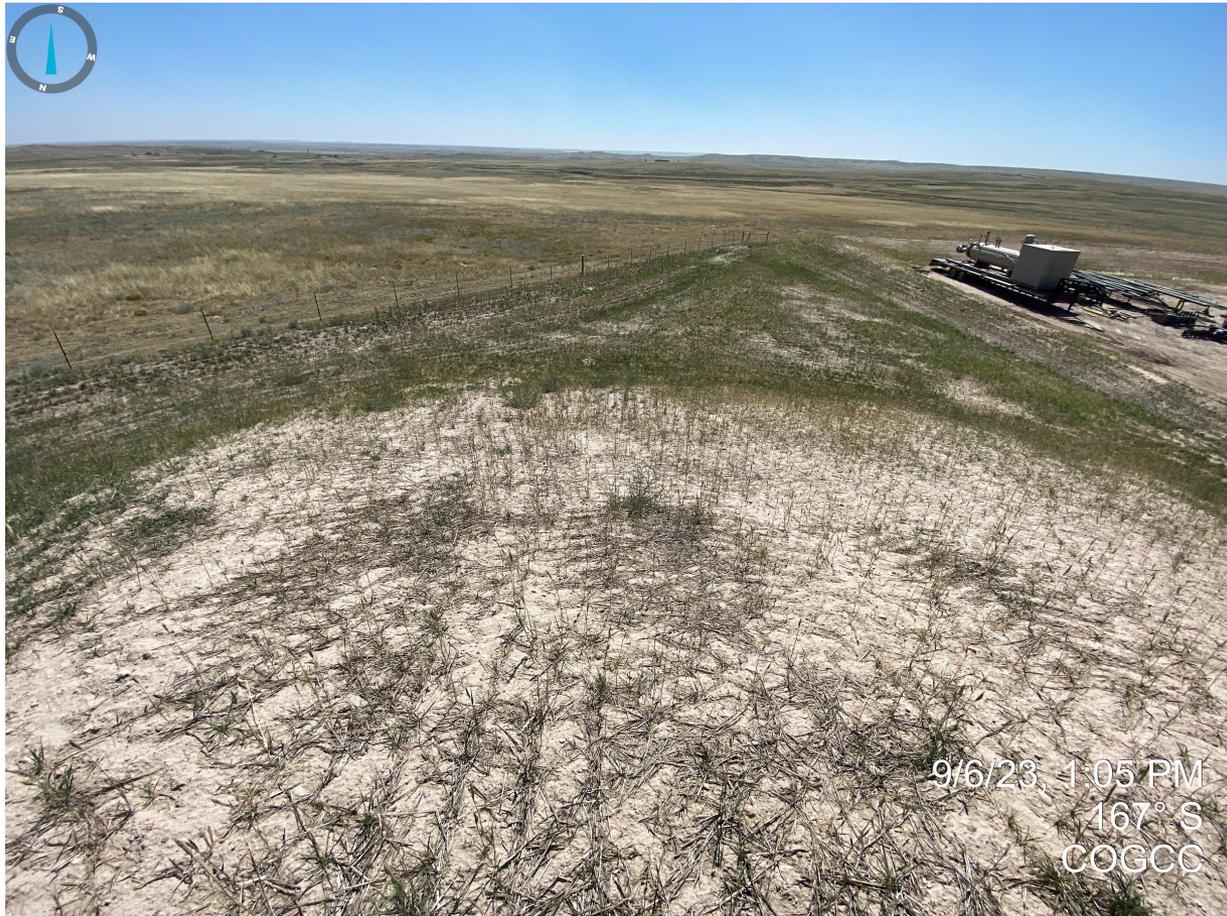


Photo 14. Southern end of the topsoil stockpile. See comments in Photo 12.

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photo 15. Taken within the southern sediment basin. Photo illustrates sediment deposition within the sediment trap. Maintenance and repairs are required in order to comply with Rule 1002.f.

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photos 16 & 17. Erosion degradation (e.g. gullying) observed on the northeast portion of the sediment trap. No apparent armored (e.g. rip rap) inflow protection was observed. More robust stormwater control measures/BMPs are required.

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photo 18. Trash observed on the southern portion of the location. The Operator shall self inspect the location and identify and dispose of all trash, including any trash/debris identified off location.

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photo 19. See comments in Photo 18.

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photo 20. See comments in Photo 18.

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photo 21. Taken from the southwest corner of the location. Photo illustrates armored outflow of sediment basin.

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photos 22-24. Taken from the southwest corner of the location. The perimeter stormwater diversion ditch is beginning to fill with sediment and requires maintenance and or repairs in order to adequately manage stormwater run on and runoff from the location. Additionally, erosion control logs are beginning to degrade and require replacement/maintenance.

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photo 25. Overview of sediment basin observed on the southern portion of the production area.

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photo 26. Stained soil observed within the center portion of the production area.

Inspection Photos
Location Name: Peanut Fed 3403
Location ID: 481827



Photo 27. Taken on the western portion of the location. Erosion degradation observed next to the porta-johns.