

Interim Reclamation and Stormwater Inspection

Date:09/30/2024

Operator: WESTERN OPERATING COMPANY - 95620

Location ID: 312292

Inspection Document #: 708201667

Logan County, CO



COLORADO
Energy & Carbon Management
Commission
Department of Natural Resources

Inspection Photos
Location Name: Propst #2
Location ID: 312292



Photo 1. Erosion degradation observed along the start of the access road.

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Photo 2. Erosion degradation observed along the start of the access road.



Photo 3. Taken near the Y intersection of the access road. Vehicle traffic observed outside of the established access roads. Additional reclamation activities may be required if the disturbed area fails to meet Rule 1003 standards.

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Photo 4. Continued from Photo 3; see comments in previous photo.

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Photo 5. Vertical heater treater appears to have been removed.



Photo 6. Stormwater control measures south of the former heater treater remain inadequate; additional maintenance and/or implementation of more robust stormwater control measures/BMPs required.



Photo 7. Continued from Photo 6. Erosion degradation evident from lack of proper stormwater control measures.

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Photo 8. Stockpile immediately adjacent to the wellhead (northeast) without proper stormwater control measures/berms to contain the soil; no signage observed.



Photo 9. Erosion degradation and undesirable vegetation observed within the excavated pit.



Photo 10. Stormwater control measures east of pit remain inadequate; additional maintenance and/or implementation of more robust stormwater control measures/BMPs required.



Photo 11. Erosion degradation east of pit remain evident; additional maintenance and/or implementation of more robust stormwater control measures/BMPs required.



Photo 12. Erosion degradation and improper control measures/BMPs east of pit remain evident; additional maintenance and/or implementation of more robust stormwater control measures/BMPs required.

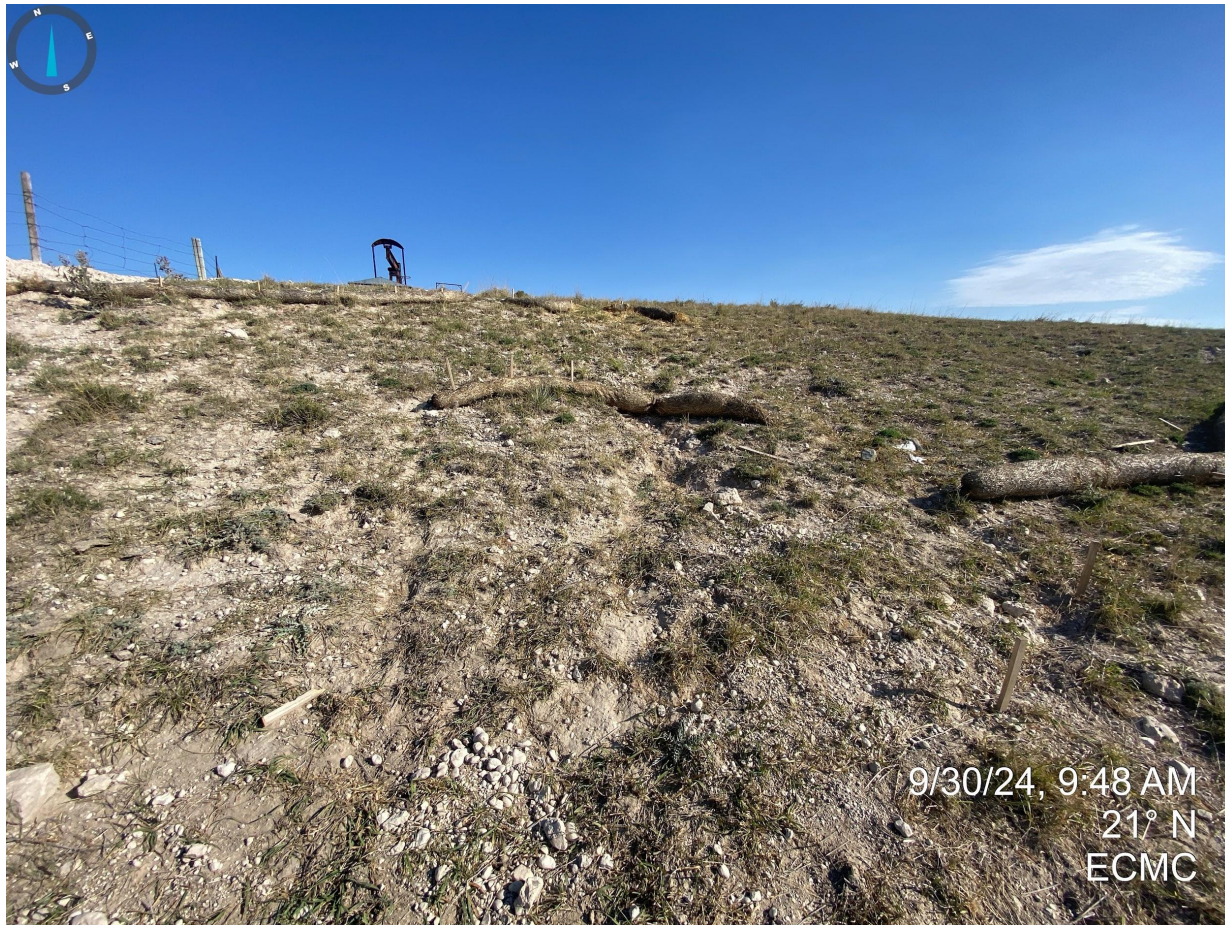


Photo 13. Erosion degradation and improper control measures/BMPs east of pit remain evident; additional maintenance and/or implementation of more robust stormwater control measures/BMPs required.



Photo 14. Undesirable vegetation within pit excavation.



Photo 15. Stockpiled materials remain unstabilized with evidence of unconsolidated material; undesirable vegetation observed throughout stockpile and excavation.

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Photo 16. Undesirable vegetation observed throughout the salt kill excavation.

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Photo 17. Undesirable vegetation observed throughout the pit excavation.



Photo 18. Erosion degradation from the western stockpile which does not appear to be properly stabilized; sedimentation appears to have migrated off location (see next Photo 19).

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Photo 19. Continued from Photo 18; see comments in previous photo.



Photo 20. Undesirable vegetation observed within the western salt kill excavation.



Photo 21. Northwest corner of the excavated pit; photo illustrates dirt work that appears to have been completed to implement additional stormwater controls. However, it appears that stormwater may have breached the berm and discharged stormwater, rock/sediment/debris and E&P waste into the adjacent drainage (see proceeding photos).



Photo 22. Continued from Photo 21. Evidence of off-location sediment transport observed



9/30/24, 9:57 AM
154° SE
ECMC

Photo 23. Continued from Photo 21. Evidence of sediment transport into the adjacent drainage.

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Photo 24. Continued from Photo 21. Evidence of sediment transport into the adjacent drainage.



Photo 25. Erosion degradation north of pit remain evident; additional maintenance and/or implementation of more robust stormwater control measures/BMPs required.

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Photo 26. Continued from Photo 25; north side of pit.



9/30/24 : 10:00 AM
239° SW
ECMC

Photo 27. Continued from Photo 25; northeast corner of pit.