

Interim Reclamation and Stormwater Inspection

Date: 01/24/2024

Operator: WESTERN OPERATING COMPANY - 95620

Location ID: 312292

Inspection Document #: 708200895

Logan County, CO

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COLORADO
Energy & Carbon Management
Commission
Department of Natural Resources



Photo 1. Taken near the vertical heater treater. Photo illustrates that straw wattles are not properly installed and bare/exposed soils are not properly stabilized.

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Photo 2. Taken near the vertical heater treater. Photo illustrates that erosion degradation is occurring.

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Photo 3. Taken between the vertical heater treater and pumpjack. Photo illustrates that the bulldozer has been removed from the location, and any disturbances resulting in bare/exposed or unstabilized soils will need to be properly stabilized with appropriate BMPs.

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Photo 4. Taken south of pumpjack. Photo illustrates stockpile from pit in the background of the photo which is approximately 4,000 CY of material that has been placed outside of the location (approximately 0.5 of an acre of new disturbance). Straw wattle BMPs (red arrow) pictured in the foreground are degraded and now considered debris.



Photo 5. Erosion degradation on the east side of the pit. No stormwater control measures observed.

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Photo 6. Unused equipment observed on the southeast corner of the pit.

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Photo 7. Northeast side of stockpiled pit soils. Photo illustrates that both the stockpile and berms have been left unconsolidated. Unconsolidated materials can become a potential pollution source as it is not properly stabilized. Also pictured, stormwater running off location into berms.

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Photo 8. East side of stockpile; see comments in Photo 7.

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Photo 9. South side of stockpile form the pit; see comments in Photo 7.

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Photo 10. South side of stockpiled pit material. Red line illustrates vehicle traffic occurring outside of the lease roads; any additional disturbance will need to be reclaimed per the reclamation rules.



Photo 11. Continued from Photo 10; taken from eastern access road leading to the Propst B3X location. Photo illustrates additional disturbance (e.g. vehicle traffic in red line) occurring outside of the lease roads.

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Photo 12. West side of stockpile form the pit; see comments in Photo 7.

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Photo 13. South side of excavated pit area. Soils do not appear to be properly stabilized as they have been left unconsolidated.

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Photo 14. Excavated area west of the pit is approximately 0.5 acre in size and the stockpile is approximately 4,000 CY. Operator will need to submit an updated Form 2A as this disturbance is occurring outside of the original disturbance area. Soils do not appear to be properly stabilized from wind and water erosion.



Photo 15. Southwest of the western salt kill excavation. No apparent stormwater control measures/BMPs were observed at the time of this inspection. Stockpiled material is not properly stabilized as it has been left unconsolidated.

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Photo 16. West side of stockpile; see comments in Photo 15.

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Photo 17. North side of stockpile; see comments in Photo 15.

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Photo 18. North side of salt kill excavation; see comments in Photo 14.



Photo 19. North side of salt kill excavation. No apparent stormwater control measures/BMPs observed that would prevent impacted material from the salt kill areas, or sediment laden stormwater, from entering adjacent drainage.

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Photo 20. Erosion degradation observed on the north side of the pit does not appear to have been repaired or to have had BMPs installed.

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Photo 21. Continued from Photo 20.

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Photo 22. Northern portion of the pit; see comments in Photo 20.