

Inspection Photos

7/10/2023

Operator: LARAMIE ENERGY LLC #10433

Location Number: 335647

Garfield County, CO

Aaron Trujillo
NW Reclamation Specialist
CECMC



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Photo 1: Photos 1-2 taken from the northeast end of the pad. Photos provide an overview of the Location from southeast, southwest, west to northwest.



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Photo 2: see comments under photo 1.



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Photo 3: Photos 3-4 taken from the topsoil stockpiles on the Location. Photos examples showing BMPs to protect the topsoil from erosion, degradation and weed establishment remain missing or insufficient. Soils predominantly bare and at risk to erosion. Vegetation observed on topsoil stockpiles Undesirable Plant Species such as amaranth, various introduced mustard species, prostrate knotweed, etc...



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Photo 4: See comments under photo 3.



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Photo 5: Photos 5-6 examples showing silt fence installed on the Location have not been maintained in proper functioning condition. Photos also show BMPs to ensure topsoil remains segregated from the fille slope/subsoils are inadequate on the Location.



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Photo 6: See comments under photo 5.



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Photo 7: Photos 7-8 taken from the northeast corner of the pad. Photo shows unstabilized soil stockpile. Stockpile lacks stabilization, or adequate BMPs to minimize erosion/degradation. Potential safety issues also exist due to the unstabilized steep slopes above the pad.



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Photo 8: See comments under photo 7.



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Photo 9: Photos taken from the outside perimeter of the stockpile on the east end of the Location. Operator appear to have constructed a ditch utilizing topsoil material. Photos also show stockpile lacks stabilization. Photo right shows material has eroded from the stockpile, filling in the ditch and traveling off-site.



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Photo 10: Continued from photo 9; subsoil material has migrated over the perimeter BMP, and offsite.



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Photo 11: Photos taken from the north end of the Location. Photos show perimeter stormwater BMPs to minimize erosion, degradation and sediment transport remain missing or insufficient.



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Photo 12: Photos 12-15 taken from the topsoil stockpiles on the Location. Photos examples showing Operator placed subsoils/fill material on top of the topsoil stockpiles on the Location.



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Photo 13: Photo left shows the topsoil stockpile on the northwest end of the Location as observed during the 10/17/2022 inspection. Photo right shows that the majority of the topsoil stockpile has been buried beneath fill/subsoil material; areas of the topsoil stockpile below arrow in the right photo (foreground of photo left) have been completely covered.



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Photo 14: Photo left shows the topsoil stockpile on the northwest end of the Location as observed during the 10/17/2022 inspection. Photo right shows large areas of the topsoil stockpile have been covered by fill/subsoil material.



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Photo 15: Photo left shows the topsoil stockpile on the south end of the Location as observed during the 10/17/2022 inspection. Photo right shows large areas of the topsoil stockpile have been covered by fill/subsoil material.



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Photo 16: Photo shows tanks stored on the north end of the Location. Photo right an example showing labels on the tank are missing, or not per 605.h requirements.



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Photo 17: Stained soils observed at tanks.



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