Interim Reclamation and Stormwater Inspection

October 4 and 11, 2023

Operator: UPLAND EXPLORATION LLC- #10701
Location ID: 456651
Inspection Document #: 697504884
Weld County, CO
SESE Section 18 T11N R64W

Chris Binschus
Reclamation Specialist, ECMC

COLORADO
Energy & Carbon Management Commission
Department of Natural Resources

Inspection Photos
Location Name: Salt Ranch Fee/18 East
Location ID: 456651

Photo 1. Photo taken from a portion of the access road, facing East. Photo illustrates a check dam BMP that has not been installed per good engineering practices. It appears rocks were dumped in the ditch without being properly keyed in, which means the crest and weir are not to specifications. Also, there does not appear to be any geotextile under the check dam.

Photo 2. Photo taken from a portion of the access road, facing East. See comments under Photo 1.

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Photo 3. Photo taken from a portion of the access road, facing Northwest. Photo illustrates stormwater BMP repairs along the inlet area of a culvert crossing. The BMP is an improvement from the previous condition but there are additional engineering practices that shall be implemented- see Photo 4.

Photo 4. Photo taken from the outlet of the culvert, facing South. The outlet area of the culvert lacks sufficient stabilization. Sediment discharge was observed out into the adjacent areas beyond the outlet area.

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Photo 5. Photo taken from a portion of the access road, facing South. Photo illustrates stormwater BMP repairs for check dams but the check dam is not installed properly- specifically the crest and weir are not to specification. Also, it does not appear that geotextile was installed under the check dams.

Photo 6. Photo taken from the eastern perimeter of location, facing South. Photo illustrates the cut slope has been seeded. Germination of desirable species was observed but remains in-process.

Photo 7. Photo taken from the topsoil stockpile, facing West. Photo illustrates germination of desirable species was observed but remains in-process.

Note- erosion control blankets were not properly trenched along the southern slope.

Photo 8. Photo taken from the topsoil stockpile, facing Southwest. Photo illustrates the Operator has installed another sediment trap. Specification on the design are pending per the engineered stamped Stormwater Management Plan.

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Photo 9. Photo taken from the southwestern well pad, facing Southwest. Photo illustrates erosion control blankets have been installed but were not properly trenched- see Photo 10.

Photo 10. Photo of erosion control blanket that has not been properly trenched.

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Photo 11. Photo taken from the southeastern fill slope. Photo illustrates trash from plastic bags used for erosion control blankets. Trash was picked up and put into a proper disposal bin.

Photo 12. Photo taken from Geary Creek, facing East. Photo illustrates the Operator has installed riprap into the eastern channel and added filtrexx wattles.

Photo 13. Photo taken from the MLVT area, facing West. Photo illustrates much of the MLVT area consisting of Russian thistle. Some germination of desirable plant species was observed but additional seeding is required.

Photo 14. Photo taken from the MLVT area, facing Southwest. See comments under Photo 13.

Photo 15. Google Earth aerial imagery from 7/17/2019 illustrates an area along the lease road where a BMP has not been properly installed and is not sufficient to control stormwater erosion off the lease road. Both Upland and CCRP will have to coordinate on the corrective action.