

Inspection Photos

4/25/2019

Operator: HRM RESOURCES II LLC # 10548

Location ID: 313925

Inspection Doc. Number: 682504828

Morgan County, CO

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COGCC



Photo 1: Photo taken from the northwest corner of the location, facing south. Photo 1-3 provides an overview of the location from south, southeast, to east. Photo also shows the vegetation over the reclamation area.



Photo 2: See comments under photo 1.



Photo 3: See comments under photo 1.

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Photo 4: Photo taken from the west end of the location. Previous inspections documented erosion degradation on the western slope of the location and required operator to repair, install BMPs and monitor. Photo shows erosion degradation is beginning to recur on the west end of the location. Stormwater BMPs do not appear to be sufficient, or installed in a sufficient manner to mitigate stormwater erosion degradation. Note: Stormwater appears to be forming in areas where gaps within the wattle BMP exist.



Photo 5 Photo taken from the northwest corner of the pad, facing southeast. Photo shows large areas of the location where desirable vegetative establishment does not appear to be occurring.

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Photo 6: Photo taken from the west end of the location, facing south. See comments under photo 5.



Photo 7: Photo taken from northwest end of the location, facing south. Photo shows 1 of the 4 germination transects conducted on the location. The well location was documented having a total average of 7 seedlings per $\frac{1}{2}$ square meter.

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Photo 8: See comment under photo 7

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Photo 9: See comment under photo 7

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Photo 10: Photo taken from the location, facing north. Photo shows the access road.



Photo 11: Photo taken from the access road. Photo shows inspector dug a pit to test for compaction alleviation at access road. Inspector was able to find multiple zones of compaction starting at 7 inches below ground level.



Photo 12: Continued from photo 11. Photo shows compaction concerns beginning 7 inches below ground level.

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Photo 13: See comments under photo 12.



Photo 14: See comments under photo 12.



Photo 15: Photo taken from the access road, facing north. Photo shows germination transects conducted on the road. The access road was documented having a total average of 1.5 seedlings per $\frac{1}{2}$ square meter.