

#4327
OK

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

April 18, 2013

TO: Internal File

THRU: James Owen, Team Lead *JO*

FROM: April Abate, Hydrologist *aa by sas*

RE: Waste Rock Disposal Site Subsoil Pile, As Built Drawings, Canyon Fuel Company, LLC, Sufco Mine, C/041/0002, Task #4327

SUMMARY:

On April 16, 2013, the Division of Oil Gas & Mining received an application to include revisions to the As-Built Drawings of the Waste Rock Disposal site. The modification to the drawing includes additional subsoil and topsoil that were generated from the portal tunnel excavations for the newly permitted West Lease Area. Additional subsoil from this excavation work has been added to the existing subsoil pile and two new topsoil salvage piles were hauled to the waste rock site as a result of these activities.

The Permittee is submitting updated versions of Map 2 and Map 4 (Volume 3 of the Mining and Reclamation Plan MRP) and Plate 5-6 – Land Ownership, Lease, and Permit Area Map to include the additional features and acreage that has been added to the Waste Rock Disposal Site. Text updates for Chapters 1 and 7 and Volume 3 have also been included to update the disturbed acreage totals and the inclusion of the new topsoil stockpiles #2 and #3.

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TECHNICAL ANALYSIS:

OPERATION PLAN

PERMIT TERM

Regulatory References: 30 CFR 778.17; R645-301-116.

Analysis:

The Permittee has indicated that the Waste Rock Disposal Site permitted disturbed acreage has increased from 10.986 acres to 11.69 acres. Total Permitted disturbed acreage for the entire permit totals: 49.136. These number totals have also been updated on Plate 5-6.

Findings:

The contents and information provided are sufficient enough to meet the minimum requirements of this section presented meets the Utah Coal Rules.

Sediment Control Measures

The Waste Rock Disposal site has a combination of sediment control measures in place. A sediment pond is located on the site along with several alternative sediment control areas (ASCA). For the subsoil and topsoil piles #2 and #3, sediment control measures include bermed dikes and silt fencing. Total area acreage for ASCA in the Waste Rock Disposal area was updated on page 7-64 from 3.437 to 4.167 acres.

Findings:

The Division performs routine inspections of the disturbed areas including the Waste Rock Disposal site to ensure that sediment controls are maintained properly. The contents and information provided are sufficient enough to meet the minimum requirements of this section presented meets the Utah Coal Rules.

RECOMMENDATIONS:

The application is recommended for approval.