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OK

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

January 23, 2012

TO: Internal File

THRU: Priscilla Burton, Lead *PWB m srs*

FROM: James Owen, Engineer *JEO*

RE: Add Temporary & As-Built Modifications, Canyon Fuel Company, Sufco Mine, C/007/0005, Task # 3994

SUMMARY:

On December 28, 2012, the Utah Division of Oil Gas & Mining received an application for an amendment to the Mining & Reclamation Plan (MRP) of Canyon Fuel Company's (CFC) Skyline Mine. The application seeks approval to modify and update four plates located at the Winter Quarters Ventilation Facility. The plate modifications are being submitted to illustrate as-built modifications to the constructions designs and to identify additional temporary modifications to the pad during construction.

This memo addresses the application's compliance with the engineering (R645-301-500) section of the Utah Coal Mining Rules.

TECHNICAL MEMO

TECHNICAL ANALYSIS:

OPERATION PLAN

HYDROLOGIC INFORMATION

Regulatory Reference: 30 CFR Sec. 773.17, 774.13, 784.14, 784.16, 784.29, 817.41, 817.42, 817.43, 817.45, 817.49, 817.56, 817.57; R645-300-140, -300-141, -300-142, -300-143, -300-144, -300-145, -300-146, -300-147, -300-147, -300-148, -301-512, -301-514, -301-521, -301-531, -301-532, -301-532, -301-536, -301-542, -301-720, -301-731, -301-732, -301-733, -301-742, -301-743, -301-750, -301-761, -301-764.

Analysis:

Included on page 3-20 of the application is certification for the Winter Quarters Sedimentation Pond. Certifications states that the pond was constructed in a prudent manner and field-fit to meet the design specifications. The final construction of the sediment pond adequately accommodates the designed storm and sedimentation capacity. The certification is properly signed and sealed.

Plate 3.2.4-3D provides all necessary cross-sections and details for the sedimentation pond designs, plans, and measurements. Appropriate road and drainage details are included in Plate 3.2.4-3E.

Findings:

Contents and information provided are sufficient enough to meet the minimum requirements of this section of the Utah Coal Mining Rules.

SUPPORT FACILITIES AND UTILITY INSTALLATIONS

Regulatory Reference: 30 CFR Sec. 784.30, 817.180, 817.181; R645-301-526.

Analysis:

Plate 3.2.4-3A provides details for the ventilation pad facilities. Included on the map are multiple items featured as "temporary" structures. Division personnel conducted a mine site visit on January 12, 2012. During the site visit, it was determined that one item listed on Plate 3.2.4-3A, a "pedestal", which was constructed by a contracted third party, could be considered temporary, but would need to be included in a description line item for bond detail completeness.

No additional bond will need to be posted. No changes will need to be made to the mine's surface facility description in the MRP. The map included with the application is adequate as submitted.

Findings:

Contents and information provided are sufficient enough to meet the minimum requirements of this section of the Utah Coal Mining Rules. Conditional approval will be recommended based on receipt of an updated sheet including the pedestal as a line item in the bonding calculations.

MAPS, PLANS, AND CROSS SECTIONS OF MINING OPERATIONS

Regulatory Reference: 30 CFR Sec. 784.23; R645-301-512, -301-521, -301-542, -301-632, -301-731, -302-323.

Analysis:

Plates 3.2.4-3A, -3C, -3D, -3E were included with the application. Map details are adequate.

Findings:

Contents and information provided are sufficient enough to meet the minimum requirements of this section of the Utah Coal Mining Rules.

RECOMMENDATIONS:

Conditional approval is recommended based on receipt of appropriate inclusion of pedestal in bond details.