

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

November 9, 2005

TO: Internal File

THRU: D. Wayne Hedberg, Permit Supervisor

THRU: Jim Smith, Team Lead

FROM: Wayne H. Western, Environmental Scientist III

RE: Escarpment Failure, C.W. Mining Company, Bear Canyon Mine #3, C/015/0025, and Task ID #2343

SUMMARY:

This amendment extends the projection of subsidence caused by mining in the Blind Canyon Seam into an area where C.O.P.D is the owner of the surface land.

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TECHNICAL ANALYSIS:

OPERATION PLAN

COAL RECOVERY

Regulatory Reference: 30 CFR 817.59; R645-301-522.

Analysis:

The Permittee and the BLM developed a resource recovery protection plan (R2P2.) The Division used the information in the R2P2 to make a finding that the Permittee would achieve maximum economic coal recovery

Findings:

Information provided in the amendment is adequate to meet the regulatory requirements for this section.

SUBSIDENCE CONTROL PLAN

Regulatory Reference: 30 CFR 784.20, 817.121, 817.122; R645-301-521, -301-525, -301-724.

Analysis:

Subsidence Control Plan

The Permittee did not meet the requirements for the subsidence control plan. The Permittee shows that full extraction mining will occur in an escarpment protection zone. The Permittee must do one of the following to the longwall panel scheduled to be mined between December 2009 and February 2010:

- Change the dimensions of the longwall panel scheduled to be mined between December 2009 and February 2010.
- State that mining will not occur until approval is granted to subside the entire area.

Findings:

The information provided in the amendment is not considered adequate to meet the requirements of this section. Before approval, the Permittee must provide the following in accordance with:

R645-301-521.141, The Permittee must update Plate 3-4a to show the changes to the mine plan and subsidence areas. Specifically, the Permittee must either change the dimensions of the longwall panel scheduled to be mined between December 2009 and February 2010 or state that mining will not occur until approval is granted to subside the entire area.

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:

Mine Workings Maps

The Permittee did not meet the minimum requirements for mine maps. The Permittee must update Plate 3-4A to show the changes to the mine plan. Specifically, the Permittee must either change the dimensions of the longwall panel scheduled to be mined between December 2009 and February 2010 or state that mining will not occur until approval is granted to subside the entire area.

Findings:

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RECOMMENDATIONS:

The Division should deny the amendment until all of the above mentioned deficiencies have been adequately addressed.

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