



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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November 7, 1989

Mr. William J. Dunn
Senior Engineer
Consolidation Coal Company
12755 Olive Boulevard
St. Louis, Missouri 63141

Dear Mr. Dunn:

Re: New Portal Amendment for the Emery Deep Mine, Consolidation Coal Company, Emery Deep Mine, ACT/015/015, Folder #2, Emery County, Utah

In response to your letter of October 3, 1989, the Division conducted an on-site inspection of the proposed new portal location. This meeting was attended by myself, Mr. Randy Harden (DOGM), and Mr. Chris Jones (Consol) on October 30, 1989. The following comments are submitted to clarify the proposed amendment deficiencies.

The Division's position regarding the sedimentation control is that the runoff berms surrounding the stockpiles are adequate as designed. However the containment cells will technically be classified as ponds subject to the design requirements of UMC 817.46. It was agreed in our conversation with Mr. Jones that the following criteria would be acceptable as an appropriate design:

1. Pond cells will be designed for total containment of no less than the 10 year 24 hour storm runoff.
2. Each cell will contain a single open channel spillway designed to convey the 25 year 24 hour storm peak runoff.
3. Embankments will be designed as per stability criteria enumerated in UMC 817.46.

The Division's position regarding the stream channel diversion remains unchanged. Site inspections have determined that the proposed portal site contains localized soil units exceeding four feet in depth. Therefore if the diversion is constructed in these areas an approved protective channel lining will be required. The diversion has been adequately designed for capacity.

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Division comments addressing the stability of the excavated material were made as recommendations and not requirements. Comments addressing the highwall stability remain unchanged. Upon approval by MSHA, the Division will consider the highwall design adequate.

Your letter specifies that a three foot high berm will be constructed around the topsoil stockpile. This is adequate to provide sediment control and must be specified in the submittal. It was agreed on-site that no revegetation would be required on the excavated rock stockpiles. The seed mix to be used in revegetating the topsoil stockpile should be referenced in the submittal. Division comments regarding acid and toxic forming materials remain unchanged.

In summary, the Division's position has not changed significantly from the original review comments. The additional information provided in your letter should be included in the response submittal.

The Division is more than willing to discuss these issues further if you so desire. If we can provide further clarification or assistance, please contact Lynn Kunzler, Reclamation Biologist, or Susan Linner, Permit Supervisor.

Sincerely,



Mike DeWeese
Reclamation Hydrologist

cc: B Team
BT98/108-109