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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
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4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

May 3, 1984

(P492 430 079)
CERTIFIED RETURN RECEIPT REQUESTED

Mr. Allen Childs, Engineer
Diamond Shamrock Coal Unit
Trail Mountain Coal Company
P. O. Box 370
Orangeville, Utah 84537-0370

RE: NOV N84-4-2-1 Abatement Plans
Culvert Inlet Structure
Cottonwood Creek
Trail Mountain Mine
ACT/015/009, #3, #4 & #7
Emery County, Utah

Dear Allen:

This letter addresses the Division's review of your April 17, 1984 resubmission of abatement plans for NOV N84-4-2-1. The plans address deficiencies outlined by DOGM letter dated March 7, 1984 with reference to the "as-built" culvert inlet structure on Cottonwood Creek.

The recent transmittal addresses the majority of the deficiencies listed in the March 7 letter. The Division will grant a conditional approval to this latest submission. However, the following conditions remain to be addressed before this plan can be deemed adequately addressed:

1. Although the riprap placed within the stream channel is very large and oversized in size, the Division is not confident that a filter blanket may not have been warranted during the channel lining installation.

Therefore, if it becomes evident through close future inspections that a problem of interstitial scour and stream bank erosion is evident, then a requirement to reline the channel utilizing a properly designed filter blanket will be imposed.

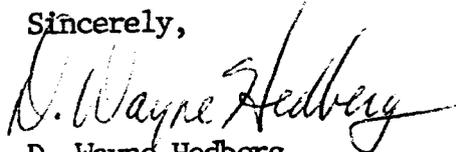
2. The new channel cross-sections and inlet riprap design drawings were not certified pursuant to UMC 784.23(e). This deficiency was also noted in the March 7, 1984 review letter. This requirement must be satisfied by June 1, 1984.

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3. The operator has committed to install a box-type trash rack as per the Vaughn Hansen submittal (April 1983). The trash rack must be installed by June 1, 1984. If this time frame cannot be met, the Division must be notified with appropriate justification for delaying the installation and a new date established for implementation.

Upon receipt of a response to these remaining concerns, the plan can be deemed adequate and final approval will be issued. Please contact me or Rick Summers if you have any remaining questions or comments. Thank you for your continued cooperation.

Sincerely,



D. Wayne Hedberg
Permit Supervisor/
Reclamation Hydrologist

DWH/btb

cc: Allen Klein, CSM, Denver
Robert Hagen, OSM, Albuquerque
R. Summers, DCGM
D. Lof, DCGM
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