



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

015/009#2
Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

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October 14, 1987

Mr. Allen Childs
Mining Engineer
Trail Mountain Coal Company
P. O. Box 370
Orangeville, Utah 84537

Dear Mr. Childs:

Re: Conditional Approval Cottonwood Creek Alignment Plan, Trail Mountain Coal Company, Trail Mountain Mine, ACT/015/009, Folder No. 2, Emery County, Utah

The cross sections and plan view map you submitted on September 22, 1987 to address the impacts to the Cottonwood Creek stream channel which were the subject of NOV N-87-26-2-2 have been reviewed and are approved with the following conditions.

1. The plate entitled "Cottonwood Creek Cross Sections" shall be amended to replace the narrative under the heading "Riprap" with the following:

Two-inch minus riprap gravel road base will be used as a filter beneath all riprap. The depth of road base will be six inches at a minimum. The riprap will be composed of well-graded angular rock. Median diameter (D50) of the riprap will be 1.4 feet. Design methodologies for riprap are presented in Appendix 7-25 and 7-27 of the Trail Mountain Tract 1 MRP.

2. Fourteen (14) copies of the updated map and cross sections will be submitted by November 30, 1987 for insertion into the mine plan.

Thank you for your assistance in this matter. Though the NOV on this issue was vacated on a technicality, this does not obviate the need to size the stream channel impacted by the road construction last fall.

Sincerely,

John J. Whitehead
Permit Supervisor/
Reclamation Hydrologist

djh
cc: P.F.O.
W. Hedberg
J. Fricke
0800R/47