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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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October 23, 1984

Mr. Dan W. Guy, Manager
Permitting and Compliance
Beaver Creek Coal Company
P. O. Box 1378
Price, Utah 84501

Dear Mr. Guy:

RE: Proposed Notice of Violation Abatement for N84-6-13-1, Gordon Creek #7 Mine, ACT/007/016, #3 and #7, Carbon County, Utah

The Division has reviewed the proposed abatement plans for Notice of Violation (NOV) N84-6-13-1 (received October 5, 1984), regarding containment of runoff at the belt transfer area of the #7 Mine facilities. In order to fully satisfy the abatement requirements of the NOV, the following inadequacies of the plan must be addressed:

An average annual precipitation event, estimated to be approximately 0.57 inches of rainfall, falling over the belt transfer area (approximately 9,000 ft^2) will produce a runoff volume of about 3,000 gallons. The runoff, when routed along the new containment wall at a hydraulic slope of 11.9 percent and corresponding high velocities, will probably not be confined to the area designated on the plan as "Transfer Runoff Containment Area." The runoff will probably be diverted around the containment structure, eventually entering the drainage ditch as toxic effluent.

To further complicate the situation, any runoff that makes its way to the belt-transfer area from the upper reaches of the watershed could magnify the problem.

It is suggested that Beaver Creek Coal Company contain the hydraulic fluid leaks in as small an area as possible, separating the fluid from any local runoff. Construction of adequate sediment control structures to trap the particles

before they reach the undisturbed drainage is recommended. Coal fines should be controlled by reinstallation of the belt scraper as well. The resulting effluent reaching the undisturbed drainage is subject to the settleable solid limitation standards stated in UMC 817.42(d).

The Division cannot approve the abatement plan as submitted, until modifications are made on the plan that more adequately address the disturbed runoff drainage problem at the belt transfer. As an example, plans should be modified to include hydraulic and channel characteristics information on any new drainage ditch, storage information on a proposed catchment or storage pond, structure and areal extent of any hydraulic fluid containment structure, and type and placement of sediment control structures.

If you have any questions or problems concerning this matter, feel free to contact me or David Hooper at your convenience.

Sincerely,

D. Wayne Hedberg

D. Wayne Hedberg
Permit Supervisor/
Reclamation Hydrologist

DH/btb
cc: Allen Klein
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