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ACT/015/009 #2

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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January 14, 1991

TO: Pamela Grubaugh-Littig, Permit Supervisor

FROM: Jesse Kelley, Reclamation Engineer JK

RE: Inner Bank of Sedimentation Pond Steepened by Pond Cleaning, Beaver Creek Coal Company, Trail Mountain #9 Mine, ACT/015/009, Folder #5, Emery County, Utah

SYNOPSIS

During a complete inspection of the Trail Mountain #9 Mine, made on January 9, 1991, this writer noticed that a portion of the inner side of the sedimentation pond embankment had been cut to an angle much steeper than that shown in the approved design.

ANALYSIS

The pond embankment was steepened when, during a routine cleaning of the pond, the permittee removed some large boulders from the bottom of the pond. The area steepened is a small portion of the inner side of the eastern pond embankment and lies just below where an 18" CMP culvert enters the pond from a ditch which parallels the adjacent county road.

The stability of the pond embankment is in no way jeopardized by the steepened area. The pond is of incised construction, so the steepened area lies well below the surface of the ground. The steepened area is also very small and will soon be covered by sediment as it lies at the base of the embankment.

RECOMMENDATIONS

This writer can see no actual or potential adverse impact resulting from the steepened part of the pond embankment. It is therefore recommended that the pond embankment be left as it is.

JK/mbm
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cc: Inspector Notebook (JK)

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