



State of Utah
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December 16, 1994

TO: Daron Haddock, Permit Supervisor

FROM: Steven M. Johnson, Reclamation Hydrologist 

RE: Draft Review, Drainage Control Plan, Centennial Mines, Andalex Coal Company, ACT/007/019-94H, Working File, County, Utah

SYNOPSIS

Andalex Resources submitted a plan revision on November 9, 1994 to add a culvert below the Aberdeen Seam coal stockpile pad. The culvert was placed due to erosion caused by heavy storms. Immediate repair was necessary so the field work was completed prior to amendment approval.

ANALYSIS

R645-301-742.330 HYDROLOGIC INFORMATION

Analysis:

Culvert CD-18 was placed below the Aberdeen Seam coal stockpile to control runoff and prevent erosion. Calculations for the design of the culvert are in Appendix O and summarized in Table IV-3C. Plate 8 shows the location of the culvert. Water will flow through the culvert and into DD-4, down to Sediment Pond E.

Findings:

The addition of culvert CD-18 should not alter the amount of flow to either ditch DD-4 or Sediment Pond E. All calculations were found to be adequate.

RECOMMENDATION

This amendment was found to be adequate. It should be approved as submitted.

CD18.SJ

