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November 8, 1990

TO: Pamela Grubaugh-Littig, Permit Supervisor

FROM: Tom Munson, Senior Reclamation Hydrologist *TM*

RE: Recent Amendments, Beaver Creek Coal Company, Trail Mountain #9, ACT/015/009-90E & G, Folder #2, Emery County, Utah

Synopsis

The sediment pond calculations have been revised by Beaver Creek Coal for their Trail Mountain #9 Mine Operation because of expanded disturbed area. This memo reviews the recent submittal of changes related to the sediment pond.

Analysis

The revision of curve number related to the undisturbed area draining to the sediment pond from 78.5 to 72 is acceptable based on the operator's justification given on page 7-22. The stage-capacity curve for the sediment pond shown on figure 7-14 is acceptable except that elevations associated with the sediment cleanout, dewatering device, and spillway must be shown on this figure.

Recommendation

- 1) Approval is given to cleanout and enlarge the pond.
- 2) Submittal of as-built drawings verifying capacity will also include elevations of sediment cleanout, dewatering device, and emergency spillway. These elevations will also be shown on figure 7-14. Appropriate sediment pond embankment elevations will also be included on figure 7-15, Stage-Discharge Curve. Final approval will be given based on submittal of as-built drawings verifying pond capacity.

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