

January 31, 1986

TO: Coal File

FROM: David M. Wham, Reclamation Hydrologist *DWW*

RE: Abatement Plans for Notice of Violation N85-2-22-1, Sediment Pond Access Road Submitted December 13, 1985, Utah Power & Light Company, Des-Bee-Dove Mines, ACT/015/017, #7, Emery County, Utah

In response to Notice of Violation N85-2-22-1, Emery Mining Corporation submitted abatement plans directed at bringing the existing sediment pond access road into compliance with the Class III road standards of UMC 817.170-.176. Proposed drainage improvements include construction of roadside ditches to collect runoff and cross drains or water bars to convey the runoff from the road.

Although the abatement plans are generally acceptable, several deficiencies involving erosion control measures on the site must be addressed by the operator prior to approval.

UMC 784.23 Operation Plan: Maps and Plans

The operator must provide plans showing typical cross sections of roadside drainage ditches and water bars.

UMC 817.45 Hydrologic Balance: Sediment Control Measures

The operator must stabilize the eroded section of the roadside drainage ditch between Station 6+00 (approximately) and the proposed concrete cross drain at Station 11+26. Protection of the ditch with graded riprap and/or installation of water bars may be considered.

The roadside ditch exiting the road surface at Station 19+00 must have a riprapped outlet structure.

The plan shows the concrete cross drain at Station 11+26 entering the intermittent stream channel at a right angle. The operator must submit additional information addressing protection of the stream channel sufficient to minimize channel erosion and scour from the potentially high (9.1 fps) exit velocities of the cross drain.

btb
cc: Wayne Hedberg
Holland Shepherd
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