

0031

March 11, 1985

TO: Coal File, Inspection and Enforcement Folder
FROM: Sandy Pruitt, Mining Field Specialist *SP*
RE: Des-Bee-Dove Mine, Utah Power and Light Company,
ACT/015/017, Folder #7, Emery County, Utah

An inspection of the Des-Bee-Dove/Wilberg connection road and the Des-Bee-Dove Sediment Pond was conducted by Sandy Pruitt and Tom Munson, accompanied by Larry Guymon of Emery Mining Corporation (EMC) on February 27, 1985.

One purpose of this inspection was to check on the implementation of abatement plans for NOV #84-2-22-1. Drainage culverts were installed as required to minimize erosion of sections of the road downslope. The culvert installed near station 131 still needs to be backfilled. The culvert was secured to the downslope with cement in three places. Energy dissipators at the outlet were formed with cement molds. Uncontrolled drainage off a section of road shoulder above the sediment pond will still continue to erode the Mancos shale on the downslope. There are no feasible stabilization plans developed for this section. Mancos sloughage off the road cut near station 131 continually blocks the culvert inlet there. EMC moved the culvert away from the cutslope about 6 feet to minimize this sloughage problem but intensive maintenance will be required. The monitoring program committed to by EMC should ensure adequate maintenance.

The culverts near stations 219 and 227+50 remain plugged. Sediment was removed at the inlets and the culverts are partially opened. EMC has had difficulty removing all of the frozen, hardened sediment from inside the culverts. The required cleaning may be postponed until warmer weather. Rock dams installed in the road drainage ditch before the culvert inlets appear oversized but adequate. The effectiveness of these rock dams should be monitored.

Complete implementation of erosion stabilization plans will require additional riprap at the inlets to the two plugged culverts and at each new culvert installed along the west side of the road. EMC may also consider riprapping additional culvert inlets, particularly along the south section of the road where removal of the sediment deposited before the culverts loosened material around the inlets. Larry Guymon figured that everything would be completed by Marc 8, 1985.

Lowdermilk was in the process of cleaning the Des-Bee-Dove sediment pond at the time of this inspection. The pond was pumped down in the early morning when the water was clarified. NPDES samples were taken, an intentional bypass was not obtained. Pumping was stopped as soon the water appeared to turbid to insure compliance with effluent

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limitations. Sediment removed from the pond was hauled to the Wilberg waste rock disposal site for disposal in Cell #6.

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cc: Donna Griffin, DSM
Larry Guymon, EMC
Joe Helfrich, DOGM
Tom Munson, DOGM

Statistics: See Wilberg mine memo dated March 7, 1985
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