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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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ACT/015/017 #2
Copy RAM

November 14, 1991

TO: Pamela Grubaugh-Littig, Permit Supervisor
FROM: Wm. J. Malencik, Reclamation Specialist *WJM*
RE: Des-Bee-Dove Interagency Meeting, PacifiCorp Electric Operations, Des-Bee-Dove Mine, ACT/015/017

Who Attended: See Attachment 1.

Meeting Objective: Evaluate site conditions and make recommendations on additional practices and processes to minimize erosion on the haul road. See Agenda, Attachment 2.

Conclusions/ Recommendations:

- (1) The rills on the outslope are caused by water erosion.
- (2) Recent plus planned runoff control measures will preclude runoff from flowing over the road outslope. Such actions should further curtail and/or control water rill erosion.
- (3) Work to rehabilitate the rills on the outslope should be deferred and guided by on site test plots. This recommendation is based on information on hand and on site field observations of soil, topography, vegetation, climate/precipitation and other

elements. The outslope currently is stable. No tension cracks or evidence of mass movement was observed. Disturbing the steep outslope to implement other measures would loosen the soil surface and de-stabilize the steep outslope. If the implemented interim rehabilitation measures failed, this would further exacerbate the outslope erosion. Therefore a two stage test plot system was recommended to screen and gather information on what would and would not work, as noted in (4) below.

(4) Test plot stage 1...implement interim control and rehabilitation test measures on a portion of a 2 acre site. Determine successful measures and what failed.

Test plot stage 2 (after stage 1 test plot results were finalized)...implement successful measures on the steep outslope test plot that would provide information for further interim and final reclamation.

(5) Continue erosion studies.

(6) Establish photo stations and photograph rill areas once a year so comparison can be made on rill frequency.

(7) Reconvene task force when necessary to further the objectives of this project.

wlg
cc: PFO

Attendees: Des-Bee-Dove Meeting
November 12, 1991

<u>Name</u>	<u>Agency</u>
Bill Malencik	D.O.G.M.
Henry Sauer	D.O.G.M.
George S. Cook	Soil Con. Service
Leland D. Sasser	Soil Con. Service
Susan White	D.O.G.M.
Ken Wyatt	D.O.G.M.
Val Payne	PacifiCorp
Dale Grange	Energy West
Dennis Worwood	Extension Service, USU
Jesse Kelley	D.O.G.M.

DES BEE DOVE EROSION TASK FORCE

AGENDA

DATE: November 12th and 13th, 1991 (1 1/2 Days)

LOCATION: PacifiCorp Training Center
1/4 Mile South of Huntington Airport

OBJECTIVE: TO RECEIVE WRITTEN CONSENSUS RECOMMENDATIONS FROM THE TASK FORCE. PACIFICORP MANAGEMENT WILL DEVELOP A PLAN TO SUBMIT TO DOGM FOR APPROVAL AND IMPLEMENTATION

PART I: TRAINING CENTER - NOVEMBER 12th - 9:00 - 11:30 AM

Overview of Problem and Objective - Guy Davis

Slide Presentation of Site History - Guy Davis

Study Results:

Erosion Studies - Val Payne and Guy Davis

Vegetation/Erosion Study - DOGM

Reclamation Study Overview - Val Payne

Test Plots - Val Payne and DOGM

Application to Interim Problem Solution - Guy Davis

BREAK: LUNCH AND TRAVEL TO MINE SITE 11:30 AM - 1:00 PM
(Lunch Provided by PacifiCorp)

PART II: FIELD SITE 1:00 - 3:00 PM

Problem Analysis -

Tentative Solutions -

PART III: TRAINING CENTER 3:30 - 5:00 PM

Consensus Recommendations -

Written Recommendations -

Final Statement -

PART IV: TRAINING CENTER - NOVEMBER 13TH - 9:00 - 11:30 AM

**Time allocated if consensus and written recommendations are not met
on November 12th timeframe.**