



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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Michael O. Leavitt
Governor
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Division Director

September 2, 1998

TO: File

THRU: Joe Helfrich, Permit Supervisor *JH*

FROM: Priscilla Burton, Soils Reclamation Specialist *PB*

RE: Haul Road Bond Release, PacifiCorp, Des Bee Dove Mine, ACT/015/017-BR98, Folder #2, Emery County, Utah

SUMMARY:

Information concerning the Des Bee Dove haul road test plots was summarized and placed in Vol 2, Part 4, App VIII, entitled Sample Results for the Des Bee Dove Revegetation Test Plots 1994-1997 Executive Summary. The MRP retains Appendix XVI which describes the test plots in greater detail. This submittal correctly identifies all treatments used in the field trials.

TECHNICAL ANALYSIS:

OPERATION PLAN

TOPSOIL SUBSTITUTES AND SUPPLEMENTS

Regulatory Reference: R645-301-233

Analysis:

Field Site Trials

The Executive Summary has outlined the treatments and conclusions from the 1992 test plots located on the haul road. This Summary is located in Vol 2, Part 4, App VIII. Also retained is the description of the development of the test plots, located in Vol 7, App XVI. The location of the information is clearly indicated on page 4- of the MRP. The conclusions drawn in the Summary are based upon vegetative cover. No analysis of the ameliorization of th Mancos shale was undertaken. The Division should allocate some time for in-house

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evaluation of the pre and post-treatment qualities of the shale to draw some conclusions with regard to the potential for soil improvement on the Mancos shale at this mine and other mine sites.

Findings:

Information provided in the proposal is considered adequate to meet the requirements of this section of the regulations.

RECOMMENDATIONS:

The permittee has provided required information to release bond on the haul road.