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

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Michael O. Leavitt
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Division Director

October 22, 1998

TO: File
THRU: Joe Helfrich, Permit Supervisor *NOR 71 for Joe Helfrich*
FROM: Susan M. White, Senior Reclamation Biologist *SMW*
RE: Fan Portal Revegetation Update, Cottonwood/Wilberg Mine, ACT\015\019-98D, Folder #2, Emery County, Utah.

SUMMARY:

PacifiCorp submitted an amendment to update the revegetation plan for the Cottonwood Fan Portal area. The amendment is acceptable and should be approved.

TECHNICAL ANALYSIS

RECLAMATION PLAN

REVEGETATION

Regulatory Reference: 30 CFR Sec. 785.18, 817.111, 817.113, 817.114, 817.116; R645-301-244, -301-353, -301-354, -301-355, -301-356, -302-280, -302-281, -302-282, -302-283, -302-284.

Analysis:

General Requirements

The seed mixture to be used for final revegetation on the disturbance associated with the Cottonwood Fan Portal (Appendix F) will be broadcast seeded by hand or hydroseeded. All native species have been used in the seed mixture. The seed mixture selection is based on the results of reclamation seeding on the lower fan portal area, the Trail Mountain Mine test plots (across the street) and the surrounding area.

Mulching and Other Soil Stabilizing Practices

Straw will be spread on the soil surface at the rate of 2000 pounds per acre. The straw

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will then be incorporated into the soil surface when deep gouging. The gouged surface will then be seeded and mulched with 2000 pound per acre wood fiber mulch with 150 pounds per acre tackifier added as binder. Curlex blanket will be used as a mulch in areas that are inaccessible to the hydromulcher.

Findings:

The information provided meets the minimum regulatory requirements of this section.

RECOMMENDATION:

Amendment 98D should be approved.

cc: Bill Malencik

Robert Davidson

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