

0018



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

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

May 1, 2001

TO: [REDACTED]

FROM: Stephen J. Demczak, Sr. Reclamation Specialist, Team Lead *SD*

RE: Rilda Surface Facilities Maps, PacifCorp, Deer Creek Mine, C/015/018-AM01C

SUMMARY:

This amendment was submitted by the permittee, because of deficiencies the Division had with highwall elimination portion of the reclamation plan in the MRP. The amendment submitted shows additional cross-sections of the Rilda Canyon facilities including the cross-sections through the highwalls. The submittal does not change this or any other portion of the text in the MRP.

The permittee has submitted two cross-section drawings and two surface facilities maps for Rilda Canyon. The drawings show the current grades and elevations with overlapping final reclamation grades of road and surface facilities.

An inspection of the highwalls and cut-slopes was made on April 23, 2001. This inspection compared the maps and drawing with the present grades. The surface facilities map was also reviewed and compared with actual facilities on the ground.

TECHNICAL MEMO

TECHNICAL ANALYSIS:

OPERATION PLAN

MAPS, PLANS, AND CROSS SECTIONS OF RESOURCE INFORMATION

Regulatory Reference: 30 CFR 783.24, 783.25; R645-301-323, -301-411, -301-521, -301-622, -301-722, -301-731.

Analysis:

Existing Structures and Facilities Maps

The permittee has submitted two surface facilities maps and two cross-sectional drawing for Rilda Canyon. These maps contain the permitted portion of the Rilda Canyon road, a topsoil pile, and surface facilities. These structures have been field verified by the inspector. The surface facility maps were found to be accurate as depicted on these maps.

A Professional Engineer has certified the two maps and two cross-sectional drawings.

Findings:

The requirements of this section on the regulations are considered adequate in regard to updating the surface facilities map.

RECLAMATION PLAN

APPROXIMATE ORIGINAL CONTOUR RESTORATION

Regulatory Reference: 30 CFR Sec. 784.15, 785.16, 817.102, 817.107, 817.133; R645-301-234, -301-270, -301-271, -301-412, -301-413, -301-512, -301-531, -301-533, -301-553, -301-536, -301-542, -301-731, -301-732, -301-733, -301-764.

Analysis:

There are two portals at the Rilda Canyon with associated highwalls. Both the intake and return portals have an as-built highwall slope of 1.5:1. The permittee has submitted designs and cross-sections to reclaim the highwall at Rilda Canyon see plate CE-10891. It is proposed that the final slope of the intake portal area will be 4.6:1 and the return portal being 2.9:1 to 3:1.

These final reclamation slopes will eliminate the entire highwall.

Findings:

Information provided in the proposed amendment is considered adequate and meets the requirements of this section.

RECOMMENDATIONS:

The permittee has met the requirements of the R645 Coal Rules and therefore, it is recommended for approval.

sm
O:\015018.DER\FINAL\sjd01C.doc