

0011



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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

*Memo to
Permit Binder*

May 8, 1995

Folder #2

TO: Daron Haddock, Permit Supervisor
FROM: Susan M. White, Senior Reclamation Biologist *SMW*
RE: Construct Overland Conveyor, April 25, 1995
Submittal, Cottonwood Mine, PacifiCorp, ACT/015/019,
File #2, Emery County, Utah

SYNOPSIS

PacifiCorp submitted a proposal to construct an overland tube conveyor from Trail Mountain Mine to the Cottonwood Mine on July 20, 1994. The Division responded with a listing of deficiencies in October 1994. The Division approved the resubmitted proposal, dated February 2, 1995 with stipulations. The below updated technical analysis documents that the amendment now meets all of the regulatory requirements for these sections.

Since the area of disturbance is minor, this proposal does not significantly change the current Technical Analysis for the Cottonwood Mine. The proposal did not specify any changes to the current revegetation plan contained in the approved permit. Generally, only some baseline information should be amended to the technical analysis.

HISTORIC AND ARCHEOLOGICAL RESOURCE INFORMATION

Regulatory Reference R645-301-411.

Analysis:

The Old Johnson Mine is located approximately 350 feet down canyon from the proposed conveyor area (Appendix III, page 5). The Old Johnson Mine site has been recorded as an historic resource and provided with the Smithsonian registration number 42Em1633. An analysis of the site by F.R. Hauck of AERC concluded that this mine is of historic significance and has the potential for nomination to the National Register. The Johnson Mine site includes two walled-in portals, a mine terrace



associated with the portals, the remnants of a coal slide or chute, a storage area under a rock walled boulder, an outhouse, and the old weigh house structure, Chapter 2, Attachment 6, and Plate 3-16A. The site is justified to the National Register Status as significant because it is an integral unit. The site is identified on Drawing CM-10892-CP, Cottonwood Mine Cottonwood Fan Portal Surface Facilities Map.

Findings:

The regulatory requirements of this section had been met.

VEGETATION RESOURCE INFORMATION

Regulatory Reference: R645-301-320.

Analysis:

Appendix III contains a vegetation report of the Cottonwood/Trail Mountain Portal area. The report describes the vegetation survey conducted for the connection conveyor area prior to disturbance. Total living cover for the proposed disturbed area was 35 percent. This compares statistically with the current Cottonwood Fan Portal Reference area which has a total living cover value of 42.75 percent. Total woody species density of the proposed connection conveyor area was 1,352 individuals per acre. The reference area survey indicated 624 individuals per acre. Productivity was estimated at 1800 pounds forage per acre based on the reference area in October 1989 (page 2-158.1).

Findings:

Sufficient information is provided to predict the potential for establishing vegetation and providing a success standard for revegetation.

RECOMMENDATION

The deficiency identified under **HISTORIC AND ARCHEOLOGICAL RESOURCE INFORMATION**, R645-301-411.141 has been adequately addressed.

H: CONVEYOR.SUE