



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

Michael O. Leavitt
 Governor

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 Executive Director

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February 6, 1995

TO: Daron Haddock, Permit Supervisor

FROM: Steven M. Johnson, Reclamation Hydrologist *SMT*

RE: Draft Review, Permit Renewal, Trail Mountain Mine, PacifiCorp, ACT/015/009,
Working File, Emery County, Utah

SYNOPSIS

PacifiCorp submitted revised pages to their plan in response to deficiencies found in the renewal review. The first review was completed in December 1994. PacifiCorp responded by making some changes in the plan and by letter, clarifying issues that may not have been clearly understood in the first review. This memorandum contains a review of the hydrology.

ANALYSIS

PacifiCorp revised the hydrology in sections 3.4.3.1 through 3.4.3.4. Section 3.4.3.1 has been updated to include information on the groundwater hydrology of the mine and surrounding area. PacifiCorp has made some generalized conclusions in this section. The section refers to the annual hydrologic report and Chapter 7 for the detailed information from which these conclusions are made. Information on the spring inventory has been removed from the Groundwater Quantity section of Chapter 3, but is now located in Chapter 7.

Section 3.4.3.4 addresses the projected impacts of mining on the surface water hydrologic balance. This section refers the reader to the Annual Hydrologic Report for the basis of conclusion made. Additional information can be found in Chapter 7.

FINDINGS:

The information found in Chapters 3 and 7 regarding hydrology are complete and



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accurate; however, references in Chapter 3, Sections 3.4.3.1 and 3.4.3.4 are too broad and must be made more narrow. References to Chapter 7 must give, at minimum, the sections within that chapter to see, and references to the Annual Hydrologic Reports should be more specific as to which years and from which data the conclusions are made.

Requirements:

1. PacifiCorp must be more specific in referencing other section of the MRP and other informational sources. References to Chapter 7 of the MRP and Annual Hydrologic Reports are too broad, and a read cannot easily find the pertinent information.

RECOMMENDATION

Many references made in Sections 3.4.3.1 and 3.4.3.4 of the submittal are too general and do not provide an adequate source of information required; however, the latest submittal should be approved because the information is mostly complete and accurate.

TMRENEW2.SJ



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February 14, 1995

TO: File

FROM: Jess Kelley, Reclamation Engineer *JK*

RE: Review of Mine Plan and Corrected Deficiencies for 5-year Permit Renewal, PacifiCorp, Trail Mountain Mine, ACT/015/009, Folder #2, Emery County, Utah

SYNOPSIS

The permittee submitted a revised and updated plan for Division approval in November of 1994. The Division reviewed that plan and found a number of deficiencies in it. The Division informed the permittee of those deficiencies by letter in December of 1994. The permittee then submitted a corrected version of the plan on January 31, 1995. This memorandum is the result of this writer's review of the January 31 submittal.

ANALYSIS

Since the last 5-year renewal, this mine has changed owners. The owner and permittee is now PacifiCorp. The permittee has reformatted and updated the plan to more accurately represent the existing operation and to reflect the change of ownership. Most of the content of the plan has not changed.

Most of the deficiencies which this writer pointed out to the permittee in December of 1994 were not deficiencies at all, but were the result of the writer's having mistakenly reviewed an old, outdated version of the plan. The permittee graciously pointed this out in the January 31 submittal and, as a result, it turned out that most of the alleged deficiencies and inconsistencies in the plan simply weren't.

The few actual deficiencies in the plan have been corrected in the January 31 submittal. For instance, Plate 4-2, the land use map, has been updated to show the current permit boundaries and a small typographical error in the property description has been corrected. The several references in the text to the total disturbed area of 10.02 acres have



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been revised to state the correct, current total of 24.78 acres. And several of the plates in Chapter 3 have been certified as the R645 regulations require.

The plan is now correct and current. It has not only been purged of errors and updated to show the site as it is at present, but has been reformatted to reflect the change in ownership as well.

RECOMMENDATIONS

This writer recommends that the revised plan be approved and accepted as having fulfilled the regulatory requirements for permit renewal.

cc: Daron Haddock
Pamela Grubaugh-Littig



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February 2, 1995

TO: File

FROM: Susan M. White, Senior Reclamation Biologist *SMW*

RE: Permit Renewal, Trail Mountain Mine,
PacifiCorp, ACT/015/009, Folder #2, Emery County,
Utah

SYNOPSIS

PacifiCorp submitted a revised and updated permit document dated October 21, 1994. The revision was in conjunction with the five year permit renewal, February 20, 1995. The Division issued a list of deficiencies associated with the revised information dated December 13, 1995. PacifiCorp responded to the deficiencies January 20, 1995.

ANALYSIS

All issues identified in my 11/15/94 memo concerning the renewal application have been satisfied with the January 20, 1995 submittal.

RECOMMENDATION

Approve and amend the modified pages to the permit plan.

cc: Daron Haddock
Jess Kelley

