



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

Michael O. Leavitt
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August 5, 1993

Mr. Val Payne
Senior Environmental Engineer
PacifiCorp
P.O. Box 1005
Huntington, Utah 84528

Dear Mr. Payne:

Re: Surface Facilities Amendment, PacifiCorp, Trail Mountain Mine,
ACT/015/009-93E, Folder #2, Emery County, Utah

Enclosed please find memos that address deficiencies in the above-noted amendment. If you have any questions, please call me.

Sincerely,

A handwritten signature in cursive script that reads "Pamela Grubaugh-Littig".

Pamela Grubaugh-Littig
Permit Supervisor

Enclosure





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August 4, 1993

TO: Pamela Grubaugh-Littig, Permit Supervisor

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

RE: New Surface Facilities Amendment, PacifiCorp, Trail Mountain Mine, ACT/015/009-93E, Folder #2, Emery County, Utah

SYNOPSIS AND ANALYSIS

A proposal for new surface facilities at the Trail Mountain Mine was received. Several small areas of previously undisturbed lands will need to be disturbed. The disturbance is so minor that vegetation inventory will not be required. However, the permittee should designate those areas as post 1977 disturbances.

The permittee should also be reminded of the commitment to provide for interim seeding of disturbed areas. Interim seeding has been done on some areas of the disturbed mine site, however no effort to reseed areas of failed seeding has been made. The Division will expect that another effort at reseeding will be made this fall.

RECOMMENDATION

A map designating post 1977 disturbance must be submitted and disturbed areas not in use must be seeded.





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July 27, 1993

TO: Pamela Grubaugh-Littig, Permit Supervisor ✓
FROM: Henry Sauer, Senior Reclamation Soils Specialist *HS*
RE: Technical Deficiencies in New Surface Facilities
Amendment, PacifiCorp, Trail Mountain Mine,
ACT/015/009-93E, Folder #2, Emery County, Utah

SYNOPSIS

The permittee submitted a request (received June 11, 1993) for an amendment to the approved permit. Amendment #93E includes a proposal for additional surface disturbance associated with the construction of the new facilities.

The permittee must adequately address the forthcoming deficiencies prior to approval of Amendment ACT/015/009-93E.

ANALYSIS

The proposed amendment calls for the disturbance of previously undisturbed lands. However, the permittee's submittal does not address the removal, storage and redistribution of topsoil material. Therefore, the permittee must provide information on the soil resource as specified under R645-301-200. Soils. et. seq.

RECOMMENDATION

The permittee must adequately address the above deficiencies prior to approval of Amendment ACT/015/009-93E.





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July 8, 1993

TO: Pamela Grubaugh-Littig, Permit Supervisor ✓
FROM: Jess Kelley, Reclamation Engineer JK
RE: Deficiencies in Submittal for Amendment 93E, PacifiCorp, Trail
Mountain Mine, ACT/015/009-93E, Folder #2, Emery County, Utah

SYNOPSIS

The Division received the application for this amendment on June 11, 1993. The amendment provides for the following six (6) modifications of the present surface facilities:

- 1) Installation of a blowing fan and a concrete portal liner in what is now the access portal.
- 2) Installation of a new pump house and water storage tank near the substation.
- 3) Installation of a new, concrete-lined access portal between the existing fuel storage area and the belt portal.
- 4) Removal of the existing fuel storage area.
- 5) Conversion of the present fan portal into a return portal by removing the fan and lining the portal with concrete.
- 6) Conversion of the south portal into a return portal by lining the portal with concrete.



ANALYSIS

I have reviewed the amendment submittal and have found the following deficiencies:

- 1) On pages 3-64 and 3-69, there is an error in the total estimated reclamation cost for the surface facilities. The total should be \$94,381, instead of the present \$93,971.
- 2) On page 3-64, there is an error in the estimated backhoe/loader cost for the installation of rip rap. The cost should be \$4920, instead of the present \$4620.
- 3) Due to the above corrections, the subtotal for all reclamation costs found on page 3-69 should be \$340,784, and the contingencies and escalated totals should be modified according to that subtotal.
- 4) The new Appendix 3-9 should be changed to Appendix 3-10, as there is already an Appendix 3-9 in the present plan.
- 5) The maps and cross sections are not designated as the text indicates. For instance, the text refers to Figure 3-1, which is not found in the submittal under that designation. Instead, there is a Drawing TMS1473D, which I assume is the same as Figure 3-1. The designations of the cross sections are likewise ambiguous. All maps, plans, and cross sections must be designated as referenced in the text.
- 6) The maps and cross sections must be certified by a qualified, registered, professional engineer or land surveyor.

RECOMMENDATIONS

It is recommended that the permittee correct the deficiencies listed in the above analysis before the amendment can be approved and implemented.