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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 16, 1986
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TO: File

FROM: Tom, Munson, Reclamation Hydrologist *TM*

RE: Response to Stipulation Response Letter of
April 30, 1986, Stipulation 817.46-(1),
Bear Canyon Mine, ~~AG 700702~~, Folders No. ~~12~~ and 5,
Emery County, Utah

The operator has not submitted adequate information for insertion into the mine plan. All maps, plans and cross-sections included in a permit application shall be prepared by a qualified registered professional engineer and certified as such (UMC 784.23(C)).

In regards to figure 7-1A, a previous figure B-1 was submitted showing a different configuration, as part of Coop stipulation response submitted to the Division on December 2, 1985. It showed a by-pass channel for both ponds as well as silt fence locations but no channel cross-sections for those particular channels. Consequently, the Division requested cross-sections of these channels and a discussion of what were the plans regarding reclamation of those channels in their review of Stipulation Responses to the Bear Canyon Mine Permit on January 21, 1986. Coop then responded to this request on February 12, 1986, giving the specifics of the reclamation plan giving no cross-sections but referenced Chapter 7.

This being a general reference with no page number or plate number the Division again responded on April 15, 1986 asking the applicant to site "a page and an exact reference for these cross-sections, i.e., plate number and page number in the MRP".

Coop then submitted a new figure 7-1A (totally different than figure B-1 from the December 2, 1985, submittal) with new location for the channels referencing premining ditches and culverts which supposedly will be removed in the

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reclamation phase and drew the by-pass channels on the Surface Facilities Plate 7-1, instead of the post-mining drainage figure 7-7. Since these diversions are temporary by-pass channels until reclamation of the ponds are completed based on meeting the requirements of UMC 817.46(U), it does not seem appropriate that they were drawn on the Surface Facilities Plate, but instead stay on the post-mining drainage plate as depicted in figure B-1. Since the operator can not remove the sedimentation ponds until they meet State and Federal effluent regulations based on the requirements of UMC 817.46(U), it would also be appropriate to show on this figure where they intend to monitor the post-mining drainage to meet the requirements of UMC 817.46(U).

In summary the operator must do the following things:

- (1) Use figure B-1 with the appropriate information for insertion into the MRP, i.e., certification, legend, north arrow, etc.
- (2) Reference the cross section dimensions verbatim for both by-pass channel with reference to the MRP.
- (3) Include sampling points for post-mining drainage on this figure to meet the requirements of UMC 817.46(U).

crh
cc: J. Whitehead
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