

0005

MEC Mangum
Engineering
Consultants

File #2
ACT/015/025

388 East Boynton Road • Kaysville, Utah 84037 • (801) 544-3641

Rick Smith
Geologist
Utah Division of Oil Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED
MAR 18 1989

DIVISION OF
OIL, GAS & MINING

10 March 1989

Dear Mr. Smith:

Ref: Bear Canyon Mine, INA/015/025, Co-Op Mining Company, Emery
County, Utah, Small area exemptions (SAE), Plates 2-1 thru 2-
4.

Attached are four copies of Appendix 7-J (Small Area Exemptions)
along with five copies of Plate 7-1. Plate 7-1 has been updated
as proposed in the SAE submittal. Also included are three copies
each of Plates 2-1 thru 2-4. Minor corrections have been made to
these plates to correctly identify boundaries and reference to the
Rilda borrow site, which was incorrectly included on earlier
versions, has been removed. Plate 2-4 has the same updates as
Plate 7-1.

Thank you for your cooperation in this matter.

Thank you,



Kimly C. Mangum, P.E.
Permitting & Compliance Consultant.

cc: W. Owen

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FEB 16 1989

John J. Whitehead
Permit Supervisor/Reclamation Hydrologist
Utah Division of Oil Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

DIVISION OF
OIL, GAS & MINING

15 February 1989

Dear Mr. Whitehead:

Ref: Bear Canyon Mine, INA/015/025, Co-Op Mining Company, Emery County, Utah, Small area exemptions (SAE) and UPDES application.

Attached are two copies of Appendix 7-J (Small Area Exemptions) to include with the latest submittal of Chapter 7 and replace the old Appendix 7-K. This revised appendix includes changes to meet the requirements requested by your letter dated 19 January 1989, in accordance with correspondence with Division Reclamation Specialist Bill Warmack. Responses are discussed below as listed in the referenced letter.

- Item #1 Plate 7-1 was submitted to DOGM in January 1989 and included SAE's and sediment control structures listed in Appendix 7-K. Copies of sections from Plate 7-1 are attached with redline changes that are being added. Please review these changes and inform me quickly if there are any revisions or additions required. Note the new culvert (C-10U) to be added above the Hiawatha entry, requested by Bill Warmack (8 February 1989). Dan Guy is presently doing the necessary design for this culvert, which is to be installed this spring.
- Item #2 Sediment control measures have been modified in Appendix 3-J to make them more flexible, see text.
- Item #3 The berm around the topsoil pile adjacent to the mine office/scale house is shown on the existing Plate 7-1. The attached redline pages show the area called out as a Small Area Exemption.
- Item #4 The Blind Canyon and Upper Bear Canyon Intake Portals were assessed by DOGM (Bill Warmack, 8 February 1989, etc.) and it was relayed to me (10 February 1989 by Bill Warmack) that SAE's would not be required. The two portals are discussed in Appendix 3-I (Blind Canyon Intake Portal) and Appendix 3-J (Upper Bear Canyon Intake Portal and Emergency Escapeway).

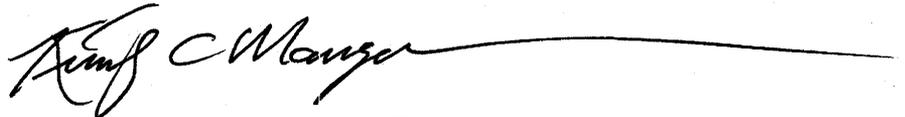
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S.A.E., UPDES
Co-Op Mine
ACT/015/025
15 February 1989

A revised Notice of Intent (NOI) has been submitted to the State of Utah, Department of Health in Salt Lake City to propose use of the Blind Canyon and Upper Bear Canyon Portals as discharge points. Recent correspondence with Forest Service officials and Health Department personnel indicates that such discharge points may be possible. A Copy of that application is attached. Also attached are copies of letters sent to the Dept. of Health requesting that they make formal consideration for the need of a discharge permit at the culinary water storage tank overflow. I have been advised that it is still under review and may not be required. Please place this copy of the NOI as Appendix 7-B of the Bear Canyon Mine Permit.

Five composite samples were taken of the Sediment Pond "A" stockpiles as requested by Bill Warmack (8 February 1989) and have been sent for analysis. Results are expected to be returned in time to meet the 15 March and will be forwarded to the Department upon receipt. Also a composite sample (0 to 5 ft) of the Rilda Borrow site was taken and sent for analysis as requested by Henry Sauer.

This should help close these concerns. Thank you for your cooperation in this matter.

Sincerely,



Kimly C. Mangum, P.E.
Permitting & Compliance Consultant.

cc: E. Kingston
W. Owen