

Sheen File
*Copy Bill, Tom
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 Utah Division of Oil Gas & Mining
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MAY 20 1991

 DIVISION OF
 OIL GAS & MINING

17 May 1991

Pamela:

 Ref: NOV N91-26-4-3, Bear Canyon Mine, Co-Op Mining Company,
ACT/015/025, Emery County, Utah
#26#5

Attached are four copies of pages 7-iv, 7-63, 7-68B, and 7-68C and Plate 7-3. Modifications involved with violation 3 of 3 and are itemized below.

- Item a. Grouted rip-rap has been installed at the inlet to Sediment Pond "B". Page 7-63 and Plate 7-3 reference the grouted rip-rap. Note that the Division Order submittal due 24 May 1991 may include a new plate for sediment pond "B".
- Item b. Angular rip-rap has been installed at the intersection of D-7D (formally D-10U) and D-5D.
- Item c. The issues involved with the outlet of Culvert C-1U and downslope have been reviewed and are addressed in the attached text (pp 7-iv, 7-68B and 7-68C). Due to the inaccessible location at the base of the cliff it was felt that the best solution would be to reestablish the pre-mining drainage impact area and then stabilize the adjacent downcast material in place. Flexible culvert will added to existing in-place culvert sections to a point where discharge is onto the rock cliff.

Violation 1 of 3 addresses the improvements to sediment pond "A". EarthFax Engineering has been contracted to review all of the drainage and to propose any modifications to the Division by 24 May 1991. Co-Op presently intends on improving the pond to include

runoff from ditch D-2U which now enters the same. Co-Op has advised me that every effort will be made to implement any required changes to the pond by 31 May 1991 but it will be difficult and is partially contingent on approval from the Division. A 10 day extension after approval is requested to facilitate compliance. Co-Op understands the need for compliance and appreciates the cooperation expressed by the Division.

Thank you,

A handwritten signature in cursive script, reading "Kimly C. Mangum", followed by a long horizontal line extending to the right.

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

cc: Co-Op Mining Co.