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# State of Utah

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13 January 1993

**TO:** Pam Grubaugh-Littig, Permit Supervisor

**FROM:** Hugh Klein, Geologist/Hydrologist 

**RE:** Shower House Proposal For Co-Op, Bear Canyon Mine, Co-Op Mining Company, ACT/015/025, Folder #2, Emery County, Utah

## SUMMARY

Co-Op Mining has addressed all the deficiencies outlined by this author. As such, the hydrology portion of this proposal is recommended for approval.

In addition, Co-Op's request for encroachment on the stream buffer zone associated with Bear Creek is recommended for approval because the runoff from this disturbed area is treated by a sediment pond. The discharge from the pond is a permitted UPDES point. In addition, the perimeter is protected by natural and constructed berms. The operator also has committed to posting the appropriate signs associated with the stream buffer zone.

c: Susan White  
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