



State of Utah

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January 17, 1990

TO: Pamela Grubaugh-Littig, Permit Supervisor
FROM: Tom Munson, Reclamation Hydrologist *TM*
RE: Bear Canyon Mine Water Survey 1989, Co-Op Mining Company, Bear Canyon Mine, ACT/015/025, Folder #2, Emery County, Utah

Synopsis

On an annual basis, Co-Op Mining Company carries out an in-mine water survey to document new sources of in-mine water. This memo reviews this survey.

Analysis

The operator has identified some seeps/drippers on Plate 7-1A which have significant flows of greater than 5 gpm. One such area is found in 1st North (Active) and lists a combined inflow of 110 gpm. This area should be considered for an additional mine water monitoring point depending on the type of inflow and if it can be conveniently monitored.

Recommendation

The operator be required to address the feasibility of monitoring this inflow area and also address in the text of the annual water monitoring report the overall water balance of the mine (inflow vs. outflow). The operator has done a good job of documenting these figures and this would be useful information along with a summary of water quality for the long term in mine monitoring sites.

djh
AT46/23