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# State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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March 22, 1989

TO: Rick Smith, Permit Supervisor

FROM: Henry Sauer, Reclamation Soils Specialist

RE: Sediment Pond "A" Waste Analysis, Co-Op Mining Company, Bear Canyon Mine, ACT/015/025, Folder #2, Emery County, Utah

Removed sediment waste from Pond A was analyzed for the following constituents: pH; Electrical Conductivity; Saturation; Texture; Soluable Ca, Mg and Na; Sodium Adsorption Ratio; Selenium; Boron; Acid-Base Potential and Organic Carbon. Analyses were conducted to determine the acid- and/or toxic-forming potential of the material.

Laboratory results indicate that there are no chemical or physical properties that could potentially prevent surface reclamation or degrade the quality of surface water. Accordingly, the operator may place this material in a designated storage site within the permit area.

The storage site drainage must report to a sediment pond and material must be handled in such a way as to minimize windborne particulate emissions.

djh
AT23/44

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