



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MININGNorman H. Bangerter
GovernorDee C. Hansen
Executive DirectorDianne R. Nielson, Ph.D.
Division Director355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

September 5, 1991

Mr. Wendell Owen
Co-Op Mining Company
P.O. Box 1245
Huntington, Utah 84528

Dear Mr. Owen:

Re: Sedimentation Pond As-Builts (Received August 23, 1991), Co-Op Mining Company, Bear Canyon Mine, ACT/015/025, Folder #2, Emery County, Utah

Enclosed please find a memo outlining two concerns with the as-builts for Sedimentation Pond A. Please re-submit these maps by September 13, 1991 with the necessary revisions.

Sincerely,

A handwritten signature in cursive script that reads "Pamela Grubaugh-Littig".

Pamela Grubaugh-Littig
Permit Supervisor

jbe
Enclosure
cc: Kim Mangum
Hugh Klein
AT015025.002



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3 September, 1991

TO: Pamela Grubaugh-Littig, Permit Supervisor

FROM: Hugh Klein, Reclamation Hydrologist 

RE: As-Built Maps for Sediment Ponds at Bear Canyon, ACT/015/025, Folder #2, Emery County, Utah

SYNOPSIS

On 23 August 1991, the Division received as-built maps for the sediment ponds at Co-Op's Bear Canyon Mine. The ponds were enlarged earlier this summer, however, this memo should not be construed in any way as a review of the pond's adequacy and adherence to Division guidelines and regulations. The following analysis relates to the pond surveys only in regard to Division requirements for as-built maps.

ANALYSIS

As-built (draft) maps submitted by Mr. Mangum contain all the necessary documentation needed except a P.E. stamp. One other item in question can be found on the map for sediment pond A. The EarthFax map for sediment pond A (submitted as part of the requirements for the Division Order) show a proposed pond bottom elevation of 7084'; MEC's as-built shows the pond bottom to have an elevation of 7082', but has the same elevations for all other points in the pond (i.e., decant level, sediment cleanout level, etc.).

RECOMMENDATIONS

- 1) Upon final submission, the as-built maps should contain a registered P.E stamp.
- 2) The elevation of the bottom of sediment pond A should be confirmed as it has one of two implications. Either the map needs to be revised to show the original elevation as depicted on the EarthFax map or, certain aspects of the original proposed pond construction and designed will have to be re-reviewed.