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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

March 17, 1993

Mr. Edwin D. Settle  
Supervisor EQC  
Consolidation Coal Company  
12755 Olive Boulevard  
St. Louis, Missouri 63141

Dear Mr. Settle:

Re: Inadequate Response to Division Order #93A (Pond 8), Consolidation Coal Company, Emery Deep Mine, ACT/015/015, Folder #3, Emery County, Utah

The Division has completed a cursory review of the information you provided intending to satisfy Division Order #93A. The Division has found the materials inadequate to satisfy the Division Order and cannot approve the proposed changes at this time. Division Order #93A is still in effect and you must revise your plan with respect to pond 8 accordingly.

Some of the problems with your submittal are identified below. (Also see enclosed technical memo.)

- \* All maps, designs, and drawings need to be individually certified.
- \* Maps need to contain sufficient contours to calculate or verify pond volumes.
- \* Scales of maps are not appropriate.
- \* Embankment and slope stability is not addressed.
- \* Designs show excessively steep slopes.

Please review the Division Order again and insure that the regulatory requirements are met. You should respond by no later than April 8, 1993.

Please call me or Hugh Klein if you have any questions.

Sincerely,

Daron R. Haddock  
Permit Supervisor

cc: H. Klein  
S. Falvey  
J. Helfrich  
S. Demczak, PFO  
DIVIORDE.EME



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16 March 1993

**TO:** Daron Haddock, Permit Supervisor ✓

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

**RE:** Proposed Sediment Pond 8, Emery Deep Mine, Consolidation Coal Company, Folder #3, ACT/015/015, Emery County, Utah

## SUMMARY

The current proposal lacks enough detailed information to conduct a formal review. None of the plates within the submittal are certified and the maps do not contain sufficient contours to calculate a pond volume. One cross-section in the proposal had no scale and was not to scale within itself. In addition, the same cross-section showed an embankment outside of the pond to have a slope of 1 to 2.5 and embankments inside the pond to have slopes of 1 to 2 and 1 to 3. Based on the deficient nature of this submittal and potential concerns regarding embankment stability, it is recommended that this proposal be denied.

c: P. Grubaugh-Littig