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Executive Director,
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DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

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February 22, 1979

Mr. James R. Murray
Senior Engineer
Consolidation Coal Company
2 Inverness Drive East
Englewood, Colorado 80110

Re: Sediment Pond Design
Emery Deep Mine
ACT/015/015

Dear Mr. Murray:

The Division has reviewed the sediment pond design prepared by D'Appolonia and submitted on December 5, 1978. The Division has also met with Mr. Steve McNeal fo the Division of State Health, Mr. Tim O'Connor of Consol and Mr. Tom Donovan of D'Appolonia.

Before approval for the pond can be issued the following items are needed:

1. A sediment disposal plan. Sediment cleaned from the pond must be placed within the area draining back into a sediment pond. Sediment should be stabilized with vegetation to prevent excess wind and water erosion.
2. A revegetation plan for the pond and diversion structures. In order to stabilize and control erosion from the outside slopes of the pond structure and the outside slopes of the bermed pad, these slopes must be revegetated. Final reclamation and revegetation plans upon termination of operations are also needed.
3. A staff gauge must be included in the design that delineates the designed sediment clean-out level and water depth.
4. Please forward a copy of the N.P.D.E.S. discharge permit.
5. A water monitoring program is needed for the pond discharge. The Division suggests sampling all discharges.

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6. At the request of the Division of State Health, the following items are also requested:
 - a. The design of a skimming device for the discharge structure.
 - b. the design of cleanout facilities for the 6 inch pipeline between the two ponds.
 - c. A commitment to place rip-rap or to revegetate the dike.
 - d. A commitment to lock, with chain and lock, the discharge structures and designate a responsible individual to be in charge of control of the discharge and maintenance.

Thank you for your continuing cooperation.

Sincerely,

K. MICHAEL THOMPSON
ENGINEERING GEOLOGIST

KMT/sp
cc: Steve McNeal, Division of State Health
O.S.M., Denver