

April 16, 1979

Memo to Coal File:

RE: Consolidation Coal Company
Emery Deep Mine
Sediment Pond Design
ACT/015/015

Initial sediment pond plans were received on December 7, 1978, for Consol's Emery Deep Mine. The plans were prepared by D'Appolonia, Consulting Engineers, using accepted technology for runoff determination developed by the Soil Conservation Service. This is the first sediment pond plan using sediment production formulas (universal soil loss equation) in the State. It was determined that the plan met the necessary volume and discharge requirements. However, the plans lacked a sediment disposal plan, a revegetation plan, a staff gauge, a N.P.D.E.S. permit with appropriate water monitoring plans. The Division of State Health requested a skimming device, cleanout facilities for the pipeline, riprap or vegetation for the dike, and a commitment to lock the discharge control.

Revised plans were received on April 3, 1979, covering the above-mentioned items. The plans may now be approved for construction.

K. MICHAEL THOMPSON
ENGINEERING GEOLOGIST

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cc: Region V, Office of Surface Mining