



**Consolidation Coal Company**  
 Western Region  
 2 Inverness Drive East  
 Englewood, Colorado 80110  
 303-770-1600

July 6, 1979

State of Utah  
 Department of Natural Resources  
 Division of Oil, Gas, and Mining  
 1588 West North Temple  
 Salt Lake City, Utah 84116



ATT: K. Michael Thompson

Re: Surface and Groundwater Monitoring Plan for the Emery Mine

Dear Mr. Thompson:

I have enclosed five copies of the Surface and Groundwater Monitoring Plan for the Emery Mine for review and approval by the Division of Oil, Gas, and Mining. As you may be aware, the U.S. Geological Survey is completing a two-year water resources study of the Emery area. We have attempted to design our program to compliment and utilize the USGS facilities and data. Because of indications from recent groundwater data analyses by the USGS, we delayed submitting an initial program developed early in June in order to modify the groundwater monitoring portion of the plan to reflect the most recent thinking about the groundwater regime.

I have provided a very cursory discussion of the hydrology of the area at this time. The USGS is intending to conduct aquifer tests this month which will provide key information on the hydrologic characteristics of the Ferron Sandstone. In addition, Consol is intending to drill five monitoring wells this summer as described in the plan. I feel a much more accurate description of the hydrology of the area can be prepared after the wells and USGS aquifer tests are completed. We intend to submit a detailed description of the area in the fall of this year.

If you have any questions or comments, please contact me at your convenience.

Sincerely,

  
 Richard M. Holbrook  
 Supervisor - Environmental  
 Quality Control

RMH:sk  
 enc.  
 cc: M. Smith, OSM  
 R. Hughes