



STATE OF UTAH  
DEPARTMENT OF HEALTH

NORMAN H. BANGERTE, GOVERNOR

SUZANNE DANDROY, M.D., M.P.H., EXECUTIVE DIRECTOR

March 11, 1986

**FILE COPY**

Mr. Lowell Braxton  
Department of Natural Resources  
Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite #350  
Salt Lake City, Utah 84180-1203

Dear Mr. Braxton:

Re: Tract 1 Resubmittal, Mid-permit Review, Genwal Coal Company,  
Crandall Canyon Mine, ACT/015/032, Folder No. 2, Emery County,  
Utah

We have reviewed water and wastewater facilities as proposed in the Resubmittal, Mid-permit Review, Tract 1, Genwal Coal Company, Crandall Canyon Mine.

Based upon our review we offer the following comments:

1. Section 3.2.6, page III-7 of the MRP discusses culinary water use at the mine. The operator should be advised that additional details of the proposed culinary water facilities (i.e. storage and distribution) will be required for approval by the Bureau of Public Water Supplies.
2. Section 3.2.7, page III-7 of the MRP discusses future sewage facilities. The operator should be advised that approval of these facilities prior to construction must be obtained from the Southeastern Utah Health Department. Based upon previous experience with similar facilities, we encourage the operator to contact the local sanitarian for assistance in designing sewage facilities.
3. Section 3.2.9, page III-7 and Section 7.1.4, page 7-33 of the MRP proposes construction of underground sumps to treat water before discharging into Crandall Creek. The operator should be advised that in addition to an NPDES discharge permit, Section 1.2.2 of the Utah Wastewater Disposal Regulations requires a permit be obtained prior to commencing construction of the underground sumps.

KENNETH L. ALKEMA, DIRECTOR • DIVISION OF ENVIRONMENTAL HEALTH

Mr. Lowell Braxton

March 11, 1986

Page 2

4. Section 7.2.6, page 7-58a of the MRP proposes utilizing underground sumps to treat water pumped from the storage pond during sediment removal (cleaning) operations. The operator should be advised that Part VII, Underground Injection Control Program, of the Utah Wastewater Disposal Regulations is applicable in this situation. Section 1.2.2 and 7.5.1 of the Utah Wastewater Disposal Regulations require the operator obtain approval prior to construction of underground injection facilities.
5. A permit for reconstruction of the sediment pond was issued October 24, 1985. The permit specifies that the decant pipe be at least two feet above the sediment cleanout level. Section 7.2.3.2 and Fig. 7-11 should be corrected accordingly. A copy of the sediment pond construction permit should be included in the MRP.

If you have any questions please contact me at 637-3671.

Sincerely,



David R. Ariotti  
District Engineer  
Division of Environmental Health

DRA/jir

cc: Southeastern Utah District Health Department  
Don Ostler, Bureau of Water Pollution Control  
Mike Georgeson, Bureau of Public Water Supplies