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State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

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TO: File

THRU: Daron Haddock, Permit Supervisor 

FROM: James D. Smith, Reclamation Specialist 

RE: Annual Report Review - Hydrology, Canyon Fuel Company, Banning Siding Loadout, ACT/007/034, File 2, Carbon County, Utah.

The Annual Report for the Banning Loadout was received April 30, 1997. There is no precipitation or climatological data in the Annual Report, and in the Annual Report checklist Canyon Fuel Company indicates such information isn't part of their reporting requirements.

The Banning MRP requires that one sample from the sump be collected during the late fall and analyzed for water quality. The required water quality report is in the Annual Report, along with two coal analysis reports. The MRP indicates that analyses are to be done for parameters on the list in Appendix 7-1 of the MRP. Field parameters listed in that appendix; i.e., water level, pH, specific conductivity, and temperature, have not been reported. Laboratory analyses did not include hardness, which is on the list in Appendix 7-1.

Total iron and manganese are not included on the list of parameters in the MRP, so analysis was done only for dissolved forms of these two metals. Analysis was done for nitrate and nitrite, which are not listed in the MRP.

The hydrology section of the Annual Report is sufficient, but more attention should be given to be sure that analysis is done for the correct water-quality parameters.