



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

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

Michael O. Leavitt  
Governor  
Lowell P. Braxton  
Division Director

August 17, 1998

TO: File 5.1

THRU: Joe Helfrich, Permit Supervisor *JH*

FROM: Sharon Falvey, Senior Reclamation Specialist *SKF*

RE: Reclamation Configuration on Pond 5, Hiawatha Coal Company, Inc., Hiawatha Complex, ACT/007/011-98C, File #2, Carbon County, Utah

**SUMMARY:**

Final surveyed configuration map V-13 was submitted to amend the reclamation plan on Pond 5. The final configuration is proposed to allow reclamation in the 1998 season for the remaining area associated with pond 5 exclusive of pond 5a.

**HYDROLOGIC OPERATIONAL AND RECLAMATION INFORMATION**

Regulatory Reference: R645-300-140, -300-141, -300-142, -300-143, -300-144, -300-145, -300-146, -300-147, -300-147, -300-148, -301-512, -301-514, -301-521, -301-531, -301-532, -301-533, -301-536, -301-542, -301-720, -301-731, -301-732, -301-733, -301-742, -301-743, -301-750, -301-761, -301-764.

**Diversion Designs**

**Analysis:**

Map V-13 and associated cross-sections show the proposed final configuration at the pond 5. An interim design configuration is necessary for inspection purposes. Additionally, a change is recommended to minimize the post mining potential for erosion. The swale shown along the 7060 contour elevation should be aligned so the water is gradually transported to the post mining diversion to the northwest rather than across the steepened slope to the northeast. Reclamation sediment control measures will be required for this region.

Reclamation Configuration

ACT/007/011-98C

August 17, 1998

Page 2

**Findings:**

**R645-301-742.113.** To minimize erosion the swale shown along the 7060 contour elevation should be aligned so the water is gradually transported to the post mining diversion, toward the northwest, rather than across the steepened slope to the northeast. Sediment control measures should be included.

**R645-301-521.141.** An interim design configuration for contemporaneous reclamation is necessary for the proposed configuration at pond 5.

**RECOMMENDATION:**

The applicant should submit the information identified above. With submittal of an interim design configuration map for the proposed contemporaneous reclamation and with a final configuration that redirects the swale toward the ditch at the north west end of the refuse pile the amendment can be approved to allow reclamation on the top of the pile in the 1998 season. Other related elements will be addressed and reviewed as part of DO97A.