



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

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

March 28, 1994

Mr. Larry Johnson  
Genwal Coal Company, Inc.  
P. O. Box 1201  
Huntington, Utah 84528

Re: Approval of Diversion and Culvert Amendment, Genwal Coal Company, Crandall Canyon Mine, ACT/015/032-93G, Folder #3, Emery County, Utah

Dear Mr. Johnson:

The Division has completed a review of your plans and designs received February 25, 1994 correcting hydrology designs at the Crandall Canyon Mine. The plans are considered to be complete and adequate for approval and insertion to your Mining and Reclamation Plan.

The Division hereby approves the above referenced amendment with the following conditions:

- 1) Genwal must put pages 12-17 in logical order. (Change 12 to 15, 13 to 14, 14 to 16, 15 to 12, 16 to 17, 17 to 13.)
- 2) Genwal must correct cross-reference problems with pages 11, 13, 20, and 27.
- 3) Genwal must provide outlet velocities for culverts discharging to a ditch or to the sedimentation pond.
- 4) Genwal must provide the basis used for determining CN for UD-3.
- 5) Genwal must submit 12 copies of the complete amendment by no later than April 25, 1994 for distribution to other agencies. Information under #1 through #4 above should be incorporated into the copies.

Thank you for your help in resolving these problems. You should be aware that this amendment may affect your LBA #9 submittal. You may want to update it accordingly. Please call if you have any questions.

Sincerely,

Daron R. Haddock  
Permit Supervisor

cc: S. Falvey  
J. Smith  
APPR93G.GEN