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STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 21, 1986

EXPRESS MAIL RECEIPT REQUESTED  
B 58659722

Mr. Richard Allison  
Project Engineer  
Castle Gate Coal Company  
P. O. Box 449  
Helper, Utah 85426

Dear Mr. Allison:

RE: Hardscrabble Canyon Diversion D-6, Castle Gate Coal Company, Price River  
Mine Complex, ACT/007/004, Folders #2 and 7, Carbon County, Utah

As has been discussed with you on several prior occasions the Division has found that you, the operator, have not constructed Diversion D-6 in accordance with your approved permit. The Division recognizes and appreciates the amount of time and expense the operator has put forth to upgrade the diversion. However, the bottom line is that the diversion must be able to safely pass the 10 year-24 hour event. Therefore, we are providing you with the opportunity to submit designs and calculations which demonstrate that the as-built diversion (D-6) is capable of safely passing the 10 year-24 hour precipitation event.

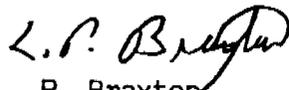
The applicant must submit capacity calculations, velocity determinations, and riprap sizing for each of the cross-sections determined during the onsite visit of August 18, 1986. Additionally, the applicant must submit a particle size analysis and attendant calculations demonstrating the riprap gradation and associated material upon which the diversion was constructed is adequate without a filter blanket. Reference material to make this determination was supplied to the applicant during the August 18, 1986 meeting at the minesite.

Due to the rapidly approaching end of the construction season and the need to ensure adequate time to modify the diversion, if necessary, the Division is

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setting a submittal deadline of September 19, 1986, at 5 pm. If complete and adequate information is not received by the deadline, the Division will take whatever enforcement action is necessary to ensure that UMC 817.44 is complied with. If you have any questions regarding this letter please do not hesitate to contact me.

Sincerely,



L. P. Braxton  
Administrator Mineral Resource  
Development and Reclamation

dl

cc: Dave Cline  
Joe Helfrich, DOGM  
Sue Linner, DOGM  
Dave Lof, DOGM  
Ken May, DOGM  
Rick Summers

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