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

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

November 2, 1988

Mr. Dan Guy
Permitting & Compliance
Beaver Creek Coal Company
P. O. Box 1378
Price, Utah 84501

Dear Mr. Guy:

Re: Deficiencies, on Water Monitoring Amendment, Beaver Creek Coal Company, Huntington #4, ACT/015/004-88(B), Folder #2, Emery County, Utah

The Division has completed review of your submittal received October 21, 1988. The plans were reviewed by Tom Munson of the Division's technical staff. Please resolve the deficiency as outlined in the attached memo by December 1, 1988.

If you have any questions, please call Tom Munson or me.

Sincerely,

John J. Whitehead
Permit Supervisor/
Reclamation Hydrologist

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Attachment
cc: B. Malencik
J. Helfrich
T. Munson
BT46/17

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November 1, 1988

TO: John J. Whitehead, Permit Supervisor

FROM: Tom Munson, Reclamation Hydrologist TM

RE: Water Monitoring Amendment, Beaver Creek Coal Company, Huntington #4 Mine, ACT/015/004-88B, Folder #2, Emery County, Utah

SYNOPSIS

The Beaver Creek Coal Company submitted an amendment requesting to drop Little Bear Spring 4-1-W from their water monitoring program on October 21, 1988. This memo reviews that request.

ANALYSIS

Little Bear Spring is controlled by the Castle Valley Special Service District and is a culinary water supply for Huntington City. It is not currently possible to collect samples from the spring because recent modifications by the water company have captured all the flow at the spring into a locked box. The only opportunity to collect a sample exists during high flow when the spring box is overflowing. The only access to the spring is by crossing Huntington Creek during high flow, not a safe proposition. Therefore, operator has committed to obtain flow and quality data from the Service District during the year and include this information in their Annual Report for the Huntington #4 Mine. This is acceptable to the Division considering the problems associated with obtaining samples.

RECOMMENDATION

Approval of this amendment will be given once the operator submits the appropriate pages to change his current monitoring plan in the approved PAP.

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October 25, 1988

Mr. Dan Guy, Manager
Permitting and Compliance
Beaver Creek Coal Company
P. O. Box 1378
Price, Utah 84501

Dear Mr. Guy:

Re: Unvegetated Areas, Beaver Creek Coal Company, Huntington No. 4 Mine, ACT/015/004, Folder #2, Emery County, Utah

In our meeting regarding the unvegetated reclaimed areas at Huntington No. 4 Mine, on October 20, 1988, it was noted that the unvegetated areas were broadcast seeded and raked approximately September 1, 1988; the seeding rate was approximately 30 lbs/acre of the grass, forb mixture permitted by the Division (Beaver Creek Coal Company, Mining and Reclamation Plan, Huntington No. 4 Mine, Vol. 1, Section 3.4.5, Table 3-1).

It was agreed that the following must be accomplished prior to December 31, 1988; the coal exposed pursuant to raking operations must be sufficiently covered with soil; fertilizer must be applied at a recommended rate of Nitrogen = 50 lbs/ac., Potassium = 30 lbs/ac., Phosphorus = 100 lbs/ac.

Required by the Beaver Creek Coal Company, Mining and Reclamation Plan, Huntington No. 4, Vol. 1, Sections 3.4.5 and 3.5.1, page 3-35 and page 3-55, respectively. Beaver Creek Coal Company must apply mulch to redistributed topsoil. This will enhance water holding capacity of the soil, increase microbial activity and protect the soil surface from wind and water erosion. Mulch must be applied (recommended rate: 1 Ton/ac. equivalent to 30-40% ground cover) following fertilizer application and before December 31, 1988.

If you require further information or have any questions, please feel free to contact me. Thank you for your time.

Sincerely,

Henry Sauer

Henry Sauer
Reclamation Soils Specialist

djh
AT30/5-6