



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
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February 24, 1986

CERTIFIED RETURN RECEIPT REQUESTED  
(P592 431 335)

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

**FILE COPY**

Dear Mr. Guy:

RE: Water Monitoring Amendment, Beaver Creek Coal Company,  
Castle Valley Spur Loadout, ACT/007/022, #3 and #9, Carbon  
County, Utah

The Division has reviewed the proposed water monitoring amendment for Beaver Creek Coal Company's (BCCC) C. V. Spur Loadout facility. Many of the modifications proposed by the Company are justified, however, some aspects of the monitoring plan agreed to by the Company in the Mining and Reclamation Plan (MRP) are not being met. The Company must commit in writing to the following water monitoring scheme, much of which is based on information outlined in the C. V. Spur MRP.

1. The nonproductive monitoring locations, CV-2, CV-7, CV-8 and CV-9 can be discontinued.
2. The remainder of monitoring locations, CV-0, CV-1, CV-3, CV-4, CV-5, CV-6, CV-10, CV-11, CV-12, CV-13, and CV-14 must be sampled at least biannually, during the fall and spring.
3. The following operational parameters must be measured during each sampling period for each monitoring location:

Field Measurements

Water Level  
Water Temperature  
pH  
Specific Conductivity

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Laboratory Measurements

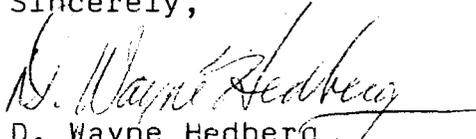
Calcium  
Sodium  
Iron (dissolved and total)  
Manganese  
Potassium  
Chloride  
Magnesium  
TSS  
TDS  
Alkalinity (as CaCO<sub>3</sub>)  
Bicarbonate  
Carbonate  
Sulfate  
Fluoride  
Magnesium  
Nitrate  
Boron

4. All resulting laboratory results should be reported on the standard Book Cliffs Laboratory form and signed by an authorized agent of that company.
5. BCCC shall submit an annual water quality report to the Division. Typically, this report shall summarize the data collected during the calendar year, report water quality trends using statistics and/or graphs, and flag high and low extremes in the reported results, providing explanations, if possible, for data inconsistencies.

If possible, please provide a response to this letter by March 10, 1986. Thank you for your cooperation and assistance in completing this permitting activity.

Should you have questions concerning this plan, please contact me or Dave Hooper anytime.

Sincerely,

  
D. Wayne Hedberg  
Permit Supervisor/  
Reclamation Hydrologist

DH/btb  
cc: Mel Coonrod  
Lowell Braxton  
0338R-8 & 9