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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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January 29, 1986

CERTIFIED RETURN RECEIPT REQUESTED
(P402 457 296)

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

Dear Mr. Guy:

RE: MRP Amendment, Request to Amend Water Quality Monitoring
Plan, Gordon Creek #2 Mine, ACT/007/016, #3 and #9, Carbon
County, Utah

The application for Mining and Reclamation Plan (MRP) permit amendment plans submitted by Beaver Creek Coal Company (BCCC) on December 12, 1985 have been reviewed by the Division. Although the plans are generally acceptable, several deficiencies exist which must be addressed before final approval can be granted.

The following list contains BCCC's request for monitoring changes and the Division's review comments for each station.

Station 2-1-W Lower Sediment Pond Discharge

BCCC Request

No change.

DOGM Response

No change.

Station 2-2-W North Fork Gordon Creek

BCCC Request

Quarterly, three years baseline data are adequate.

DOGM Response

Quarterly flow and quality (to include one sample each at high and low flow conditions).

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Station 2-3-W Lower Beaver Creek
Station 2-4-W Upper Beaver Creek
Station 2-5-W Jewkes Spring in Beaver Creek
Station 2-6-W Gunnison Homestead Spring

BCCC Request

Spring and fall; this area is inaccessible from November 1 through March 30 each year. Three year baseline is adequate.

DOGM Response

Monthly flow measurement when accessible. Two water quality samples each year at high and low flow conditions.

Station 2-7-W Left Fork Bryner Canyon Above #2 Mine
Station 2-8-W Right Fork Bryner Canyon Above #2 Mine
Station 2-9-W Bryner Canyon Below #2 Mine

BCCC Request

Quarterly; three year baseline is adequate.

DOGM Response

Quarterly flow and quality (to include one sample each at high and low flow conditions).

Station 2-10-W Inflow to Upper Sediment Pond

BCCC Request

Quarterly; three year baseline is adequate.

DOGM Response

Quarterly flow and quality (to include one sample each at high and low flow conditions); flow and quality when pond discharge occurs.

Station 2-11-W Upper Sediment Pond Discharge

BCCC Request

Monthly; changed to upper sediment pond discharge.

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DOGM Response

Monthly flow and quality and/or as discharge occurs.

Monitoring of the lower pond was discontinued upon construction of new (upper) pond and removal of lower pond.

During the Division's review of past data from the above sites, the following deficiencies were observed.

1. Plate 7-2 from the MRP entitled "Water Monitoring Location and Drainage Areas" does not show the current location of Stations 2-10-W and 2-11-W. Please provide an updated copy.
2. In past monitoring analyses submitted to this office, calcium, sodium, manganese, potassium, bicarbonate, carbonate, fluoride and alkalinity (as CaCO₃) have been omitted from BCCC's water quality reports. Please ensure that the monthly reports for each station include all of the parameters listed in Table 7-B of the MRP.

Thank you for your cooperation in this matter. Please provide a response to the remaining concerns by February 17, 1986. Should you have any questions or concerns, please contact me or David Wham of the technical staff.

Sincerely,



D. Wayne Hedberg
Permit Supervisor/
Reclamation Hydrologist

DMW/btb
cc: Allen Klein
Lowell Braxton
Dave Lof
Tom Munson
John Whitehead
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