



0003

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

INA/015/004 # 3
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

November 16, 1987

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

Dear Mr. Guy:

Re: Final Approval of PAP Amendment, Request to Amend Water
Monitoring Plan, Beaver Creek Coal Company, Huntington #4 Mine,
INA/015/004-87B, Folder No. 3, Carbon County, Utah

The Division has completed its review of the above referenced PAP amendment received October 22, 1987. These changes have been reviewed by Division Hydrologist, James Fricke. The plans have been determined adequate for Division approval. Please refer to the attached technical memorandum for an explanation of the technical review.

This letter will serve as the Division's final approval for this PAP amendment. Beaver Creek Coal Company has adequately addressed all of the Division's requirements for approval of this amendment request. The amended plans will be incorporated into the existing approved permit application. Thank you for your cooperation in completing this permitting action. Please contact James Fricke, or John Whitehead should you have questions regarding this approval.

Sincerely,

D. Wayne Hedberg
Data Management Coordinator

djh
Attachment
cc: J. Dryden
R. Hagen
G. Morris
P. Rutledge
8992R/30

R. Smith
J. Whitehead
P.F.O.



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November 10, 1987

TO: John Whitehead, Permit Supervisor
FROM: James R. Fricke, Reclamation Hydrologist *JRF*
RE: Water Monitoring Amendment, Beaver Creek Coal Company,
Huntington #4 Mine, ACT/015/004-87B, Folder #2, Emery
County, Utah

Synopsis

The operator has requested to delete Total Settleable Solids and Oil and Grease from the non-NPDES monitoring stations. The operator will sample the parameters on all NPDES stations.

Analysis

Reclamation of the mine site occurred in October 1985. Mining related activities are not present on the site; therefore, sample of Oil and Grease (at non-NPDES stations) would not detect measurable limits. Sampling of Total Settleable Solids, at non-NPDES stations, may not be useful; however, the operator must adhere to UMC 817.46(u) for sediment pond removal.

Recommendation

The Division should approve the amendment.

jr
0798R/23

BEAVER CREEK Coal Company
Post Office Box 1378
Price, Utah 84501
Telephone 801 637-5050

Work Copy


October 5, 1987

Mr. Lowell P. Braxton
Administrator
Utah Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Amended Water Monitoring Report
Huntington Canyon No. 4 Mine
INA/015/004
Carbon County, Utah

Dear Mr. Braxton:

Enclosed are fourteen (14) copies of an amended water monitoring report form for the above referenced permit. This amendment is to clarify the parameters to be analyzed on the water samples from this property. The two parameters in question are: Total Setteable Solids and Oil and Grease; these are NPDES requirements for sediment pond discharges, and were never intended for runoff or other water samples. The new form clarifies this point.

The form page is numbered and should simply replace the old form in the plan.

Thank you for your consideration. If you have any questions, or need any further information, please let me know.

Respectfully,

Dan W. Guy
Manager Permitting/Compliance

DWG/rs

cc: J.L. Coffey
R.J. Marshall
File

RECEIVED
OCT 22 1987

DIVISION OF
OIL, GAS & MINING

Figure 7-11
Beaver Creek Coal Company Water Monitoring Report

Property: _____
Date Sampled: _____ Date Analyzed: _____
Station: _____
Location: _____
Type: _____
Frequency: _____

Field Measurements:

Water Level or Flow : _____
PH : _____
Specific Conductivity : _____ (ohms/cm)
Temperature : _____ (°C)
Dissolved Oxygen : _____ (ppm)
(Perennial streams only)

Laboratory Measurements (mg/l):

* * Total Settleable Solids: _____
Total Suspended Solids : _____
Total Dissolved Solids : _____
Total Hardness (as CaCO₃): _____
Acidity (CaCO₃) : _____
*Carbonate (CO₃⁻²) : _____
*Bicarbonate (HC)₃⁻¹) : _____
*Calcium (Ca) : _____
Chloride (Cl⁻) : _____
Iron (Fe) : _____
*Magnesium (Mg) : _____
*Total Manganese (Mn) : _____
*Potassium (K) : _____
*Sodium (Na) : _____
*Sulfate (SO₄⁻²) : _____
* * Oil & Grease : _____
Cation - Anion Balance : _____

* Dissolved Form

7-91a

** NPDES Samples only