0015

PRO/043/002
#2

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

October 27, 1986

FILE COPY

Mr. Richard Blonquist
Summit Coal Company
P. O. Box 646
Coalville, Utah 84017

Dear Mr. Blonquist:

Re: Department of Water Resources Comments Relative to Permit Application, Summit Coal Company, PRO/043/002, Folder No. 2, Summit County, Utah

Please find enclosed comments and application documents forwarded to our office from the Department of Water Resources. Please insure that these comments are addressed in the next submittal of the Permit Application for Summit Coal Company's operation in Summit County.

If you have any further questions or require further information, please contact myself or Richard Hall of the Department of Water Resources.

Sincerely,

Rick P. Summers
Reclamation Hydrologist

jvb
cc: Dan Guy, Blackhawk Engineering
Sue Linner, Permit Supervisor
Dave Lof, Inspection Staff
6000R-63

Mine file
Susan Linno

STATE OF UTAH
NATURAL RESOURCES
Water Rights

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Robert L. Morgan, State Engineer

1636 West North Temple • Suite 220 • Salt Lake City, UT 84116-3156 • 801-533-6071

October 1, 1986

RECEIVED
OCT 03 1986
DIVISION OF
OIL, GAS & MINING

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

Re: Summit Coal Company, Boyer Mine, Permit Application PRO/043/002, Folder No. 2, Summit County, Utah

Dear Mr. Braxton:

We have reviewed the information submitted with your letter dated September 5, 1986, on the above-referenced project. Our comments are as follows:

1. Section 7.2 Surface Water Hydrology indicates the possible need for sedimentation ponds and a retention pond. No specific details are given. The applicant should be aware that any ponds will require approval from this office prior to construction. As an initial step, the applicant should submit a completed Form R-69 to this office for each proposed pond. Upon review, we will approve the application or request detailed plans and specifications pursuant to Section 73-5-5 of the Utah Code Annotated 1953.

2. Section 7.2 indicates the applicant has shares in the Chalk Creek-Hoytsville Water Users Association to supply the necessary water to operate the mine. The applicant should be aware that it will be necessary to file an exchange application on this stock to acquire the right to remove the water at locations near or at the mine.

If you or the applicant requires further information or clarification concerning the above, please feel free to contact me.

Sincerely,

Richard B. Hall

Richard B. Hall, P.E.
Directing Dam Safety Engineer

RBH/cp

cc: Jesse Anderson, Weber Area Engineer

Form R-69A
1/21/86

INSTRUCTIONS FOR APPLICATION TO CONSTRUCT A DAM IMPOUNDING LESS THAN 20 ACRE-FEET

Section 73-5-12 of the Utah Code Annotated 1953, as amended, requires persons proposing to construct reservoirs, which have the capability of holding less than 20 acre-feet, to provide the State Engineer with pertinent data on the proposed dam and reservoir. The accompanying "Application to Construct a Dam Impounding Less Than 20 Acre-Feet" lists the information required.

In reviewing the application, the State Engineer will make a determination as to the proposal's potential to cause significant property damage or loss of human life in the event of a failure. If the potential for loss of human life or significant property damage exists, the State Engineer may require plans and specifications be submitted pursuant to Section 73-5-5 of the Utah Code Annotated 1953 as amended.

If the proposed reservoir and dam will alter a natural stream, the State Engineer may require the applicant to file an "Application to Alter a Natural Stream" pursuant to Section 73-3-29 of the Utah Code Annotated 1953 as amended.

Before approval of the accompanying application can be given, it is mandatory that the water rights for the proposed structure are in order. Reservoirs used to store irrigation water, stock ponds, and ponds used for recreation including aquatic habitat must have a water right to satisfy the uses and/or the increased evaporation. New diversion dams will normally require a new water right or a change in point of diversion of an existing right. Regulating reservoirs must meet the following criteria if they are to use an existing water right:

1. The reservoir must be on an off-stream site.
2. The inflow into the reservoir must not exceed the flow rate of the water right.
3. The reservoir capacity shall not be greater than the water right will supply in forty-eight (48) hours.

It is important that in identifying the water right involved that it be referenced by a number on record in the State Engineer's office. This number may be a Diligence Claim Number, an Underground Water Claim Number, an Approved Application Number, a Certificate Number, a Water Users Claim Number, or a Case Number and Title of Decree in a District Court. If it is proposed to build a regulating reservoir based on ownership of stock in a water company, it will be necessary to attach a letter from the water company involved, stating they have no objection to construction of the regulating reservoir, and referencing the stock owned by the applicant.

It is imperative the accompanying form be complete and accurate. If assistance is needed to complete the form, contact the Utah Division of Water Rights at (801) 533-6071.

FORM R-69
1/21/86

APPLICATION TO CONSTRUCT A DAM IMPOUNDING LESS THAN 20 ACRE-FEET

STATE OF UTAH

Application No._____
Received _____
Entered_____

The following application is submitted, pursuant to Section 73-5-12 of the Utah Code Annotated 1953, to obtain the authority to build a dam which will create a reservoir impounding less than 20 acre-feet

1. APPLICANT INFORMATION

NAME _____
ADDRESS _____
CITY _____ COUNTY _____
STATE _____ ZIP _____

2. PURPOSE OF DAM

STOCK POND ____ REGULATING RES. ____ DIVERSION DAM ____
IRRIGATION ____ DEBRIS BASIN ____ FLOOD CONTROL ____
SEDIMENTATION ____ TAILINGS POND ____ RECREATION ____
OTHER (describe) _____

3. LOCATION OF DAM

QUARTER/QUARTER (i.e. NESW) _____ SECTION _____
TOWNSHIP _____ RANGE _____ BASE & MERIDIAN _____

4. PROPOSED DAM

DAM HEIGHT (vertical distance) _____ FEET
CREST LENGTH (length of top of dam) _____ FEET
CREST WIDTH (width of top of dam) _____ FEET
UPSTREAM SLOPE _____ VERTICAL ON _____ HORIZONTAL
DOWNSTREAM SLOPE _____ VERTICAL ON _____ HORIZONTAL
WATER SURFACE AREA AT SPILLWAY CREST _____ ACRES
RESERVOIR CAPACITY AT SPILLWAY CREST _____ AC.FT.
TYPE OF DAM (i.e. earthfill, concrete, etc.,) _____
_____

5. PROPOSED OUTLET

INSIDE DIAMETER _____ INCHES LENGTH _____ FEET
TYPE OF PIPE (i.e. concrete, steel, etc.,) _____
TYPE OF GATE OR VALVE _____
LOCATION OF GATE (upstream, downstream, center, etc.,) ____
_____

(OVER)

6. **PROPOSED SPILLWAY**

CREST LENGTH (width of bottom of spillway) _____ FEET
DEPTH (from bottom of spillway to top of dam) _____ FEET
TYPE (i.e. earth channel, pipe, etc.,) _____

CONTROL (i.e. gates, flashboards, etc.,) _____

7. **WATER RIGHTS**

DESCRIBE (See Instructions) _____

8. **COMMENTS**

9. **PLANS**

Attach any plans sketches or diagrams which will clarify the information given on this application.

The undersigned acknowledge they have read the instructions included with this application, and are aware no construction is to begin until this application has been approved by the Utah State Engineer

_____ Date

_____ Signature of Applicant

Water Rights in Order By _____ Date _____
Area Engineer's Hazard Rating _____
Reviewed by Dam Safety By _____ Date _____
Comments _____

Date of Approval _____

_____
Robert L. Morgan, P.E.
State Engineer