

(PRC - Crandall Canyon) File: ACT/007/004
copy to Wayne, Sally, Dave D.



0031

STATE OF UTAH
NATURAL RESOURCES & ENERGY
Water Rights

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dee C. Hansen, State Engineer

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

August 10, 1982

Mr. Robert L. Wiley
Price River Coal Company
P.O. Box 629
Helper, Utah 84526

Dear Mr. Wiley: RE: Crandall Canyon Sediment Pond

In reply to your letter of July 28, 1982 the data concerning the pond embankment and retaining wall has been reviewed, and permission is hereby given from this office for the construction of the remainder of the sediment pond. This permission is conditioned upon the approval of the other involved State agencies.

Although this office does not totally agree with the opinions of the engineers, we are not going to question their professional judgement; therefore, as they have essentially signed approval of the 1 vertical to 1 horizontal interior slope, this office will agree to their decision. I would request prior notification to the placement of the bentonitic liner, so that we might be able to observe a portion of its placement. We are in agreement that 1-2 inches of liner is sufficient to stop leakage, but we would recommend a 4-6 inch liner, as it is easier to work with from the standpoint of simplifying installation.

We would suggest that when the overflow discharge pipe is installed that a filter zone be included from the 24⁰30' bend to the discharge to insure that if seepage occurs along this path, no piping will follow. It will, also, allow for some movement of the pipe, as we are sure you anticipate settlement due to the loading affect of the retaining wall. We request information concerning a bearing pad for the drop inlet structure.

RECEIVED

AUG 10 1982

**DIVISION OF
OIL, GAS & MINING**

Deputy State Engineer/Earl M. Staker Directing Engineers/Harold D. Donaldson • Donald C. Norseth
Stanley Green • Robert L. Morgan

Mr. Robert L. Wiley
August 10, 1982
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If you should have any questions, please feel free
to call on me or Bob Morgan of my staff.

Sincerely,



Dee C. Hansen, P.E.
State Engineer

DCH/RLM/cm

cc: Mark Page, Price Area Engineer

cc: Rollins, Brown & Gunnell, Inc.
1435 West 820 North
P. O. Box 711
Provo, Utah 84601

cc: ✓ Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

cc: Steve McNeal
Department of Health
150 West North Temple
Salt Lake City, Utah 84110

cc: K. B. Hutchinson
Price River Coal Company
P. O. Box 629
Helper, Utah 84526

cc: Frank Pero
Price River Coal Company
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