

Scott M. Matheson  
Governor

STATE OF UTAH  
DEPARTMENT OF HEALTH  
DIVISION OF ENVIRONMENTAL HEALTH  
150 West North Temple, P.O. Box 2500, Salt Lake City, Utah 84110-2500



James O. Mason, M.D., Dr.P.H.  
Executive Director  
801-533-6111

Marv H. Maxell, Ph.D., Acting Director  
121

533-6146  
September 3, 1982

RECEIVED  
SEP 07 1982

DIVISION OF  
OIL, GAS & MINING

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

RE: Construction Permit  
Crandall Canyon  
Sediment Pond Relocation

Dear Mr. Wiley:

We have reviewed the plans and information for the Price River Coal Crandall Canyon sediment pond relocation. Exhibits NP-1, NP-2 and information submitted July 27, 1982 were reviewed.

As a result of our review, the plans for the Price River Coal Crandall Canyon sediment pond relocation are approved provided the lower decant pipe outlet is also equipped with a baffled intake to prevent the discharge of floating debris and oil. This letter constitutes a construction permit for the sediment pond.

As stated before, we recommend that the inside slope be changed to at least 2 horizontal to 1 vertical. Although your consultant's analysis indicates a 1.5 safety factor, the 1 to 1 slope is not considered good engineering practice for a wastewater pond. It is also recommended that the bentonite liner thickness be increased to at least 6 inches. The sediment pond is to provide approximately 50,000 cubic feet of settling for disturbed areas surface runoff and 10,000 gpd of shaft drill water. The Hilfiker wire wall dike is to be over 10 feet wide with an inside slope as discussed above. The 6 inch decant pipe is to be constructed 7 feet above the pond bottom and the sediment level maintained to provide at least three feet of settling above the pond bottom.

DIVISIONS

Community Health Services  
Environmental Health  
Family Health Services  
Health Care Financing

OFFICES

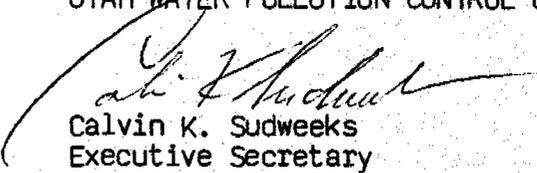
Administrative Services  
Community Health Nursing  
Management Planning  
Medical Examiner  
State Health Laboratory

Mr. Robert L. Wiley  
Page 2

Should the effluent not meet State or Federal standards, the company must provide the necessary additional treatment.

Sincerely,

UTAH WATER POLLUTION CONTROL COMMITTEE



Calvin K. Sudweeks  
Executive Secretary

SRM:laf

cc: Oil, Gas and Mining  
Southeastern Utah AOG  
Southeastern Health Department  
State Engineer - Dee Hansen