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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
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November 10, 1986

CERTIFIED RETURN RECEIPT REQUESTED
(P 402 458 639)

C. W. Winters
Senior Mining Engineer
Kaiser Coal Corporation
P. O. Box 10
Sunnyside, Utah 84539

Dear Mr. Winters:

Re: Review of Coarse Refuse Toe Sediment Pond Plan, Kaiser Coal Corporation, Sunnyside Mines, ACT/007/007, Folder #3, Carbon County, Utah

Division Hydrologist Jim Fricke has reviewed the latest response from Kaiser dated October 23, 1986. Several minor issues must be resolved before approval can be issued for the pond. These are as follows:

- (1) The median stone diameter (D₅₀) for the riprap to be utilized must be given and supported by calculations to demonstrate that the velocity of the water discharged through the spillway system will not be erosive upon entering the natural channel.
- (2) The splash basin dimensions after installation of the riprap should be modified to the following:

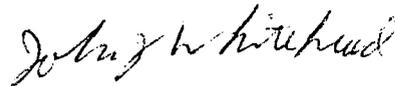
Length	5.5 Feet
Width	4.0 Feet
Depth	1.5 Feet
- (3) The narrative must commit to providing within 30 days of completion of construction, as-built drawings and cross sections of the pond, certified by a professional engineer.

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- (4) The plan must consolidate all correct information from the previous 3 submittals into a format consistent with and insertable into the approved Sunnyside Mining Plan (page numbers, etc.). Please commit to sending twelve (12) copies of this to the Division, upon approval.

Please assure that your response to these items is received at the Division office no later than December 5, 1986. A construction permit may be required from the Division of Environmental Health. Contact Dave Arriotti in Price for this approval.

Sincerely,



John J. Whitehead
Permit Supervisor/
Reclamation Hydrologist

djh
D. Arriotti, Dept. of Health
J. Fricke
W. Hedberg
D. Lof
0800R/66