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STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

ACT/007/007#2

Norman H. Bangerter, Governor  
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August 13, 1987

Mr. Barry G. Grosely  
Mining Engineer  
Kaiser Coal Company  
Sunnyside Coal Mines  
P. O. Box 10  
Sunnyside, Utah 84539

Dear Mr. Grosely:

Re: As-Built Drawings, Sunnyside Surface Facilities Pond and Coarse Refuse Toe Pond, Kaiser Coal Corporation, Sunnyside Mines, ACT/007/007, Folder #2, Carbon County, Utah

The as-built drawings for the above referenced sediment ponds have been reviewed. Because several changes from the approved plans were made during construction, several aspects of the as-built ponds no longer are consistent with the approved designs and calculations.

The attached memo identifies the issues which must be addressed to bring the approved plans up to date with the actual as-built configurations of the ponds and attendant ditches and culverts.

Please respond to the items in the attached memo by providing the Division with updated plans, designs, calculations and maps by September 11, 1987, such that the text and maps to be inserted into the Sunnyside MRP are consistent with the as-built configurations of the two ponds.

Feel free to contact Jim Fricke if you have any questions on this matter.

Sincerely,

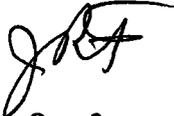
John J. Whitehead  
Permit Supervisor/  
Reclamation Hydrologist

djh  
Attachment  
cc: W. Hedberg  
J. Fricke  
0800R/39



July 31, 1987

TO: John Whitehead, Permit Supervisor

FROM: James R. Fricke, Reclamation Hydrologist 

RE: Review of As-Built Drawings for Sunnyside Surface Facilities Pond and Coarse Refuse Toe Pond, Kaiser Coal Corporation, Sunnyside Mines, ACT/007/007, Folder #2, Carbon County, Utah

Sunnyside Surface Facilities Pond (SSF)

The operator should incorporate the as-built dimensions for all ditches, culverts, and ponds, into the October 16 and October 30, 1986 submittals for the SSF pond. Ditch dimensions, pond dimensions, and the culvert summary sheet should be modified. The October submittals should be carefully reviewed to ensure that the text is consistent with the as-built design details. The SSF pond design package should be of a compatible format for insertion into the MRP.

Several modifications to the plan should be addressed; they are as follows:

1. Topsoil was not salvaged as stated in the original submittal. Verbage is required to justify why this was not accomplished.
2. A final reclamation plan for the pond is required. The operator must also address temporary revegetation of the construction area and when this will be performed.
3. A typographical error in the October 16, 1986 submittal must be rectified. Please adjust the volume of sediment for the three-year period to reflect  
 $22,512 \text{ ft}^3/\text{yr} \times 3 \text{ yr} = 67,536 \text{ ft}^3$
4. Install and depict on the appropriate drawing, a berm along the longitudinal length of the emergency spillway.

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ACT/007/007  
July 31, 1987

5. The operator should ensure that the proper NPDES permits have been attained for both ponds.

Coarse Refuse Toe Pond (CRT)

The operator should modify the submittal of February 25, 1987 to reflect the as-built field disposition of the pond and associated facilities. Which borrow area was actually used? The operator intended to use a cement culvert, but installed a CMP culvert. Please modify this and other pertinent portions of the text.

On Drawing D4-0158, there is an unidentified area and culvert to the south of the pond inlet. Please label this area and supply the culvert dimensions. Will outlet protection for the culvert be required? According to ditch sections D-D and E-E, adequate headwater protection is not provided. The original submittal for this ditch requires a total depth of two feet.

A temporary revegetation plan is required for the pond and associated disturbed areas. The operator should state when the temporary revegetation plan will be accomplished.

djh  
0798R/47