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**KAISER
COAL**

KAISER COAL CORPORATION
Sunnyside Coal Mines
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Telephone (801) 888-4421

*File ACT/001/007
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SEP 30 1985

**DIVISION OF OIL
& GAS & MINING**

September 27, 1985

Mr. Wayne Hedberg
Permit Supervisor
Reclamation Hydrologist
Division of Oil, Gas and Mining

Re: 001 Mine Water Pond
ACT/001/001, Sunnyside Mines

Dear Mr. Hedberg:

The Divisions letter of May 22, 1985 on the abatement of NOV N85-4-1-4 requests a reconstruction plan and time frame for the 001 Mine Water Pond. As the mine water discharge pond is not a sediment pond the requirements of UMC 817.46(m) which are that the combined upstream and downstream side slopes of the embankment be not less than one vertical to five horizontal, with neither side slope steeper than one vertical to two horizontal do not apply. The original Division approval for the structure was for 2h:1v side slopes which meets the requirements of UMC 817.49(c). A geotechnical analysis of the existing structure was performed and submitted with the Sunnyside Permit Application. The report shows a safety factor of 1.53 which is adequate.

Kaiser Coal will reconstruct the side slopes to 2h:1v. The present configuration of the embankment crest will remain as depicted on the as-built drawings previously submitted. The side slope will be extended as needed by placing and compacting fill material on the banks with a hydraulic backhoe and a dozer.

Kaiser Coal is requesting an extension of the September construction deadline until October 31, 1985. Work was not attempted previously because of safety problems in the manshaft dips area of No. 1 Mine.

Sincerely,


Douglas C Pearce
Mine Engineer