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**KAISER
STEEL**

KAISER STEEL CORPORATION
WESTERN COAL OPERATIONS
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TELEPHONE 801-888-4421

13 July 1981

Dept. of Natural Resources
Div. of Oil, Gas & Mining
1588 W. North Temple
Salt Lake City, Utah, 84116

re: ACT/007/007
Sunnyside Mines
Mine Water Disch. Pond

Dear Mr. James Smith,

Submitted herewith are the plans for the Whitmore Canyon Mine Water Discharge Pond (DWG #D4-0046) to abate violation 4/NOV81-1-3-5.

The pond has been constructed and additional work is being done to raise the dike to assure a minimum 3 foot freeboard. A baffle has been installed at the outlet pipe to retain any floating oil residue.

The flow of mine water to the pond will range from 500 gpm to 750 gpm max. with an average of approximately 600 gpm when the pump is operating. The capacity of the pond is 2.7 acre-ft (870,000gal) which allows approx. 24 hours retention at 600 gpm. Because of the pond size it does not fall under 30CFR77.216 criteria.

The mine water effluent presently complies with EPA/NPDES standards. The purpose of this pond is to improve the mine water effluent quality according to Dr. R. N. Winget's recommendations from his Aquatic Resource Analysis of Grassy Trail Creek (Nov 1980). Monthly chemical analysis will be sent to your office semi-annually.

Kaiser Steel Corp. asks for your approval of this relatively small pond for the use intended. If you have any questions, please contact me.

Sincerely,

John S. Huefner
John S. Huefner, PE.
Civil Engineer

cc; St. Health Dept.

Enclosure

*file letter ACT/007/007
Copy w/map to Lee
for lead review &
prep of response, etc.
Also copy to Sally
& Joe.*

Jim

RECEIVED

**DIVISION OF
OIL, GAS & MINING**