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Scott M. Matheson  
Governor



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

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Steve

JIM

November 3, 1983  
533-6146

NOV 04 1983

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Douglas C. Pearce  
Mine Engineer  
Kaiser Steel Corp.  
Sunnyside, Utah 84539

RECEIVED  
NOV 4 1983

DIVISION OF  
OIL, GAS & MINING

RE: Construction Permits  
Manshaft Pond, Surface Facilities Pond  
Twin Shaft Mine Water Pond

Dear Mr. Pearce:

We have reviewed the plans and design information for three sediment ponds at the Kaiser Steel Corporation Sunnyside Mine. Plates III-11, III-12 and III-14 and supporting engineering information in the September 1983 supplemental mine plan submission were reviewed.

As a result of our review, the plans for the manshaft pond, surface facilities pond and twin shaft mine water pond are approved. Construction permits as constituted by this letter are hereby issued provided:

1. The twin shaft mine water pond freeboard is increased to three feet.
2. The minimum manshaft outlet level shall be at least three feet above the pond bottom and the sediment level maintained at least two feet below the outlet.

We also suggest that for convenience of operation the decant valves for the ponds be located in manholes near the pond.

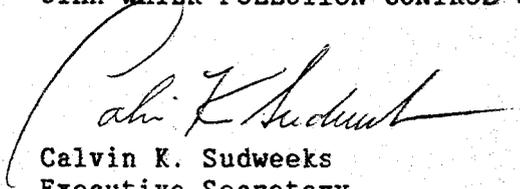
The ponds are to have the following depth and volumes for the containment and settling of the 10 year 24 hour storm or minewater discharge:

<u>Pond</u>	<u>Pond Depth</u>	<u>Volume</u>
Manshaft	7 ft.	1 acre foot
Surface Facility	10 ft.	2 acre feet
Twin Shaft	10 ft.	3.4 acre feet

Each dike will have an inside slope of two horizontal to one vertical and at least a 10 foot top width. The outlets are to have baffles to prevent the discharge of oil and floating debris. Should the effluent not meet State or Federal standards, additional treatment must be provided.

Sincerely,

UTAH WATER POLLUTION CONTROL COMMITTEE



Calvin K. Sudweeks  
Executive Secretary

SRM:na

cc: Division of Oil, Gas and Mining, Tom Munson ✓  
Southeastern Utah Health Department

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