



0009

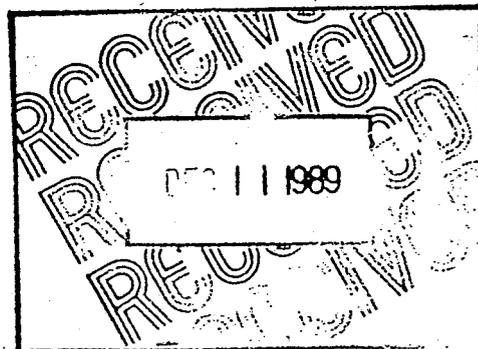
007/007/007

DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH

Norman H. Bangertter
Governor
Suzanne Dandoy, M.D., M.P.H.
Executive Director
Kenneth L. Alkema
Director

288 North 1460 West
P.O. Box 16690
Salt Lake City, Utah 84116-0690
(801) 538-6121

December 4, 1989



Mr. Karl R. Houskeeper, Environmental Coordinator
Sunnyside Reclamation and Salvage, Inc.
P.O. Box 99
Sunnyside, Utah 84539

Re: UPDES Permit No. UT0022942

Dear Mr. Houskeeper:

In your letter dated November 21, 1989 you requested a modification of your permit to add a new discharge point. A second mine water pond has been constructed adjacent to the old mine water pond. The new mine water pond will be known as 002B in the permit and the old mine water pond will be labeled 002A. An acceptable revised area map showing the two discharge points at 002 was submitted along with your letter. Pursuant to Part IV.Q of your permit you are hereby authorized to discharge from the new outfall 002B location subject to the limitations contained in Part I.B of your permit. The following pages of your permit will be modified and are enclosed for inclusion in your copy of the permit.

page 6 of 24
page 9 of 24

If you have any questions regarding this matter contact Mike Herkimer at 538-6146.

Sincerely,

Utah Water Pollution Control Committee

Don A. Ostler, P.E.
Executive Secretary

Enclosures

cc: Dave Ariotti, District Engineer, Southeastern District Health Department
Janet Fujita, U.S. EPA, Region VIII

MH/ag

S:Hskpr

A. Definitions (Continued)

KAISER COAL CORPORATION
SUNNYSIDE MINES
SUMMARY OR UPDES DISCHARGE POINTS

<u>Outfall No.</u>	<u>Location</u>	<u>Facility Type</u>	<u>Use Frequency</u>	<u>Treatment</u>
001	Manshaft shaft	Mine water discharge	Normally	Settling pond
002A	Whitmore shaft	Mine water discharge	Normally	Settling pond
002B	Whitmore shaft	Mine water discharge	Normally	Settling pond
003	No. 1 Mine portal	Mine water discharge	Infrequent	None
005	No. 2 Mine portal	Mine water discharge	Infrequent	None
006	Manshaft pond	Sediment pond	Runoff	None
010	Lower #2 canyon	Sediment pond	Runoff	None
011	Upper #2 canyon	Sediment pond	Runoff	None
013	#3 hoist house	Sediment pond	Runoff	None
014	Surface facilities	Sediment pond	Not yet built	None
015	#2 canyon (tanks)	Mine water discharge	Normally	None

Amended 12/1/89

B. Specific Limitations and Self-Monitoring Requirements

8. Starting in the fourth quarter of calendar year 1988, the permittee shall, once each calendar quarter, conduct acute static replacement toxicity tests on a grab sample of the final effluent of the main mine discharge, outfall 002A, 002B, or 001

The replacement static toxicity tests shall be conducted in general accordance with the procedures set out in the latest revision of "Methods of measuring the Acute Toxicity of Effluents to Freshwater and Marine organisms", EPA-600/4-85-013 (Rev. March 1985) and the permittee shall conduct an acute 48-hour static toxicity test using Ceriodaphnia sp. and a acute 96-hour static replacement toxicity test using fathead minnows five day (\pm 2 days) of age. After each 24 hours of the test period, the dilutions shall be replaced with freshly prepared dilutions of the original effluent sample.

Acute toxicity occurs when 20 percent or more mortality is observed for wither species at any effluent concentration. Mortality in the control must simultaneously be 10 percent or less for the results to be considered valid. If more than 10 percent control mortality occurs, the test shall be repeated until satisfactory control survival is achieved.

If acute toxicity occurs in a routine test, an additional test shall be conducted within four weeks of the date of the initial sample. Should acute toxicity occur in the second test, testing shall occur once a month until further notified by the permit issuing authority.

Test results shall be reported along with the Discharge Monitoring Report (DMR) submitted for the end of the reporting calendar quarter (e.g., biomonitoring results for the calendar quarter ending March 31 shall be reported with the DMR due April 28, with the remaining biomonitoring reports submitted with DMRs due each July 28, October 28 and January 28). The format for the report shall be consistent with the February 1987 Region VIII Guidance For Biomonitoring Reporting, or its latest revision, and shall include all chemical and physical data as specified for the tests. If monthly testing is implemented, results shall be submitted with each monthly discharge monitoring report (e.g., the DMR and toxicity testing data for each month would be due by the 28th day of the following months).

If the results for the first four consecutive quarters of testing indicate no acute toxicity, the permittee may request the permit issuing authority to allow a reduction to quarterly acute toxicity testing on only one species, as well as a reduction in the number of outfalls sampled. The permit issuing authority may approve or deny the request based on the biomonitoring results and other available information without an additional public notice. If the request is approved, the test procedures ar to be the same as specified above for the test species.