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**KAISER
COAL**

KAISER COAL CORPORATION
Sunnyside Coal Mines
P.O. Box 10
Sunnyside, Utah 84539
Telephone (801) 888-4421

File ACT10071007
Cat #2

Supporting data in
Water Quality Files

February 18, 1987

Mr. Harold Thompson
EPA - Region VIII
999 - 18th Street, Suite 500
Denver, Colorado 80202-2405

Re: NPDES Permit No UT0022942
Discharge Point No. 004
Sunnyside Mines

Dear Mr. Thompson:

The Sunnyside Coal Mines have an onsite coal preparation plant which discharges a refuse-water slurry. This slurry flows into a settling pond (slurry cell) where the fine materials are allowed to settle out before discharge of the water from the pond. Water discharging from the cell does so through a filter berm and then flows into a clear water pond in which final settling takes place. The water is discharged from this pond through discharge point 004 into the Icelander Wash drainage.

On Friday, February 13, 1987, it was determined that "black" water was flowing into the clear water pond from Slurry Cell No. 1. Water in the clear water pond did not have sufficient retention time to settle out refuse materials adequately. The outflow of the black water from Slurry Cell No. 1 appears to have resulted from piping within the filter berm.

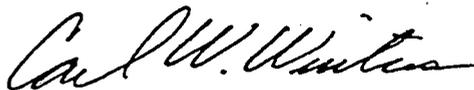
Upon determination of the existence of the problem, the slurry inflow was promptly diverted from Slurry Cell No. 1 to the East Slurry Cell, a non-discharging settling pond. A portion of the suspect filter berm has been removed and is being reconstructed. It is anticipated that slurry will be returned to the No. 1 cell either today or tomorrow.

Additionally, upon determination of a problem, a sample of the water discharging through Discharge Point 004 was collected. The resulting analysis will be reported with the first quarter 1987 NPDES reporting. Also, the EPA and the Utah Department of Health were notified by telephone.

Mr. Harold Thompson
February 18, 1987

Should you have any further questions on this matter,
please contact me.

Sincerely,



Carl W. Winters
Senior Mining Engineer

cc: C. W. McGlothlin
B. J. Bourquin
Steve McNeal, Utah Dept. of Health



KAISER COAL CORPORATION
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April 28, 1987

EPA - Region VIII
999 - 18th Street, Suite 500
Denver, Colorado 80202-2405

Re: NPDES Permit No UT0022942
Discharge Point No. 002
Sunnyside Mines

Dear Sirs:

Water is discharged from the Sunnyside Coal Mines through multiple approved discharge points. The discharge from point 002 is from No. 1 Mine and is held in the Whitmore Minewater Pond prior to discharge. An oil skimmer is provided on the pond discharge structure.

A routine water sample collected from the pond discharge on March 11, 1987, indicated an Oil and Grease content of 13.1 mg/l. This is in excess of the permit limit of 10 mg/l. No indication of excessive oil and grease was noted at the time of sample collection. Laboratory results of this analysis were received by Kaiser Coal on April 24, 1987. The cause of the oil and grease is not known although it is surmised to be from spilled oil from the longwall mining unit operating in No. 1 Mine.

Kaiser Coal is installing a metering pump on the discharge line to inject a flocculant into the discharge water. This will allow the separation of the longwall oil from the discharge water. The system will be activated anytime it is suspected that oil may be contaminating the discharge water. Once the pump is functional, no further oil and grease contamination of the water is anticipated.

Sincerely,

Carl W. Winters
Senior Mining Engineer

cc: C. W. McGlothlin
B. J. Bourquin
Steve McNeal, Utah Dept. of Health