file ACT/007/007
cc: Price Field Office

0035

KAISER COAL

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

RECEIVED
APR 27 1987
DIVISION OF
OIL, GAS & MINING

April 25, 1987

Mr. Lowell P. Braxton, Administrator
Mineral Resource Development & Reclamation Program
Utah Division of Oil, Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Impoundments Report
Sunnyside Coal Mines
ACT/007/007

Dear Mr. Braxton:

Attached please find the Annual Impoundments Report submitted to the Mine Safety and Health Administration for the ponds at Sunnyside which meet the criteria of 30 CFR 77.216(a).

Quarterly inspections were conducted of the ponds at Sunnyside which do not meet these criteria (namely - the Nos. 1 and 2 Slurry Cells and the sedimentation ponds). The banks of all ponds were stable with no substandard conditions noted.

Sincerely,

Carl W. Winters

Carl W. Winters, P. E.
Senior Mining Engineer

attach

cc: B. J. Bourquin

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

April 25, 1987

Mr. John W. Barton
District Manager
Mine Safety and Health Administration
P. O. Box 25367
Denver, Colorado 80225

Re: Annual Impoundments Report
Sunnyside Coal Mines
I. D. No. 42-01813

Dear Mr. Barton:

Attached please find the subject reports for the Sunnyside Coal Mines. The impoundments at Sunnyside are identified as:

West Slurry Cell	1211-UT-9-0017
East Slurry Cell	1211-UT-9-0017

Additionally, as requested in your letter of August 25, 1978, the following is provided. It is anticipated that the "downstream buttress" for the West Slurry Cell will be completed in the fourth quarter of 1987 or the first quarter of 1988. A plan for expansion of the Coarse Refuse Pile following such completion was submitted to you on March 11, 1987.

Sincerely,

Carl W. Winters

Carl W. Winters
Senior Mining Engineer

attach (2)

cc: B. J. Bourquin
L. P. Braxton (UDOGM)

KAISER COAL CORPORATION
SUNNYSIDE COAL MINES
MSHA I.D. #42-01813

WATER IMPOUNDMENT AND IMPOUNDING STRUCTURE ANNUAL REPORT

IMPOUNDMENT: WEST SLURRY CELL

IMPOUNDMENT I.D. 1211-UT-9-0017

Changes in the geometry of the impounding structure during this reporting period: No modifications were made to the impounding structure during 1986.

Instrumentation: There is no monitored instrumentation on the impounding structure.

Impounded water, sediment, or slurry level:

	Depth	Elevation
Average	140'	6,507.0
Maximum	280'	6,520.0

Storage capacity of the impounding structure: The design capacity of this impoundment did not change during 1986.

Average volume of water, sediment, or slurry impounded: This structure impounded no water, other than precipitation, during 1986.

Minor smoke occurrences on the embankment crest were extinguished by sealing with incombusitble materials.

Other aspects of the impounding structure affecting its stability which occurred during this reporting period: There were no known changes to the impounding structure which would have affected its stability.

I, Carl W. Winters, a registered professional engineer in the State of Utah, license number 5118, do hereby certify that all work performed on the West Slurry Cell and Embankment during 1986 was in accordance with the approved plan.

REGISTERED PROFESSIONAL ENGINEER
CARL W. WINTERS
NO. 5118
STATE OF UTAH

Carl W. Winters — 4-25-87
Carl W. Winters — Date

KAISER COAL CORPORATION
SUNNYSIDE COAL MINES
MSHA I.D. #42-01813

WATER IMPOUNDMENT AND IMPOUNDING STRUCTURE ANNUAL REPORT

IMPOUNDMENT: EAST SLURRY CELL
IMPOUNDMENT I.D. 1211-UT-9-0017

Changes in the geometry of the impounding structure during this reporting period: No modifications were made to the impounding structure during 1986.

Instrumentation: Piezometers are located near the toe, at the mid-point, and on the crest of the impounding structure. These are monitored weekly when water is impounded.

Impounded water, sediment, or slurry level:

	Depth	Elevation
Average	23'	6,529.0
Maximum	46'	6,531.0

Storage capacity of the impounding structure: The design capacity of this impoundment did not change during 1986.

Average volume of water, sediment, or slurry impounded: Unknown

Minor smoke occurrences on the embankment face were extinguished by sealing with incombusitble materials.

Other aspects of the impounding structure affecting its stability which occurred during this reporting period: There were no known changes to the impounding structure which would have affected its stability.

I, Carl W. Winters, a registered professional engineer in the State of Utah, license number 5118, do hereby certify that all work performed on the East Slurry Cell and Embankment during 1986 was in accordance with the approved plan.

REGISTERED PROFESSIONAL ENGINEER
CARL W. WINTERS
NO. 5118
STATE OF UTAH

Carl W. Winters — 4-25-87
Carl W. Winters — Date