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**KAISER  
COAL**

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

*orig mine  
Route to  
file ACT/007*

October 24, 1988

**RECEIVED**  
OCT 25 1988

**DIVISION OF  
OIL, GAS & MINING**

Dr. Dianne R. Nielson, Director  
Department of Natural Resources  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Dear Dr. *Dianne* Nielson:

Re: Temporary Cessation Operations, Response To DOGM Letter 8-24-88,  
Kaiser Coal Corporation, Sunnyside Mines, ACT/007/007, Folder #2,  
Carbon County, Utah

This letter supplies the following information requested in the  
Division's letter of 8-24-88 regarding Kaiser's request for temporary  
cessation of operations at its Sunnyside Mine.

1. The following maps are enclosed to delineate the disturbed areas for  
the Sunnyside Mine:
  - A) Sunnyside Mines Map -- 1" = 500'
  - B) Surface Facilities, Hydrology and Prelaw Disturbance Vegeta-  
tion, Plate III-1, 1 of 3 and 2 of 3
2. Permanent reclamation activities at Sunnyside have occurred for the  
Slaughter Canyon portals and portions of the Coarse Refuse Pile and  
East Slurry Cell. The Slaughter Canyon area is being monitored for  
reclamation success. The Coarse Refuse and Slurry Cell areas are  
being transferred to Environmental Power.

Contemporaneous reclamation activity has occurred as part of the on-  
going operations. Projects requiring this work in 1986 included  
reclamation of Icelander Wash Sediment Pond and hydrology wells in  
Whitmore and C Canyon. In 1987, contemporaneous reclamation included  
stabilization of the SSSF and Coarse Toe Refuse Area Sediment Ponds  
and associated borrow material piles.

3. Kaiser Coal anticipates the Sunnyside Mines will be in temporary  
cessation for more than thirty days. The work outlined below assumes  
the mines will be sold in the next three to six months to a company  
interested in reopening the mines. The appropriate sections of this  
list will be revised should the mines not be sold.

Dr. Dianne R. Nielson  
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Kaiser anticipates the following activities will occur during the cessation period:

- A) Reclamation of original Coarse Refuse Toe Pond -- ready for revegetation this fall.
- B) Revegetation of rill and gully maintenance areas repaired in the SSSF Pond borrow pile, clean coal pile, and #2 Canyon wash area.
- C) Hydrologic monitoring per Kaiser's letter of 09-29-88. Presently, no water treatment is required.
- D) Hydrologic control structure maintenance as required.
- E) Erection of gates across portals not currently being used to patrol, ventilate, and pump mines. Presently, all portals in #2 Mine have barriers; i.e., gates, seals, or back-filling, to restrict entry into the mines. Work will be completed in #3 and #1 Mines this fall. It is estimated that half of these remaining portals presently restrict entry into the mines.
- F) Salvage and permanent reclamation of #2 Mine. This work will commence in 1988 pending satisfactory resolution of negotiations between Kaiser Coal, Russett Industries, State of Utah, and Kaiser's secured creditors for this project.
- G) Vegetation monitoring has been postponed until 1989 per approval by the Division.
- H) Subsidence monitoring -- summer 1989, with report submitted by September 30, 1989. The 1988 subsidence report is currently being evaluated by the Division.

Please feel free to call if I can be of further assistance.

Sincerely,



W. P. Balaz, P. E.  
Manager of Administration

WPB:th

cc: Lou Kuchinic (Letter Only)  
John Whitehead (With Enclosure)  
Denise Drago



**KAISER COAL CORPORATION**  
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September 29, 1988

Mr. James Fricke  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Dear Jim:

Re: Sunnyside Hydrologic Monitoring

Per our phone conversation today, it is Kaiser's understanding the following hydrologic monitoring schedule is in effect for Sunnyside:

1. Sample surface water stations in Grassy Trail (4), Icelander Wash (1), Coal Refuse Toe Boundary (1) monthly. Ephemeral streams are included if precipitation events occur. The parameters sampled are: Ph, conductivity, flow, and dissolved oxygen.
2. The full set of surface and groundwater stations are sampled and analyzed for operational parameters on a quarterly basis with the exception of the following groundwater points: WR-1, WR-2, PC-1, 86-1, and 86-2. These points are analyzed for baseline parameters.

If Kaiser correctly understands the required hydrologic monitoring program as outlined above, its August 18 request to modify the sampling frequency is withdrawn.

Thank you for your assistance in this matter.

Sincerely,

W. P. Balaz, P. E.  
Manager of Administration

WPB:th

cc: Lou Kuchinic  
Denise Drago