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**KAISER
COAL**

KAISER COAL CORPORATION
Sunnyside Coal Mines
P.O. Box D
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RECEIVED
OCT 24 1986

**DIVISION OF
OIL, GAS & MINING**

October 22, 1986

John Whitehead
Permit Supervisor
State of Utah Natural Resources
Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Ste. 350
Salt Lake City, Utah 84180-1203

SUBJECT: Temporary Seed Mix for Sunnyside Mines

Dear Mr. Whitehead:

Approximately 6.33 acres need to be temporarily reclaimed at the Sunnyside Mines in 1986. Kaiser proposes the the temporary seed mix discussed in this document be approved for this purpose.

At Sunnyside, virtually all of the sites to be temporarily reclaimed are located in potentially erosive areas located along drainage controls, on steep slopes, or on Mancos shale outcrop. Site stabilization is Kaiser's primary concern in accordance with Utah regulations and guidelines regarding temporary reclamation. It should be further noted that all of the sites to be temporarily reclaimed will be significantly recontoured or regraded at the time of final reclamation, and seeded in accordance with the Sunnyside Mines permit 007/007.

Kaiser requests that the proposed seed mix be approved for the following reasons:

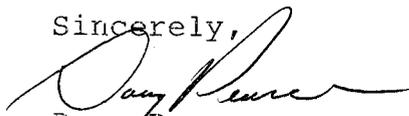
- Both the plant species and the seeding rates proposed are known to effectively control erosion on steep slopes and on poor soils.
- Kaiser wishes to continue testing species performance at Sunnyside Mines. Site specific field evaluations of success will be conducted by Kaiser.

The proposed temporary seed mix for the Sunnyside Mines is as follows.

<u>Species</u>	<u>% Mix</u>	<u>Drill (PLS/ac)</u>	<u>Broadcast (PLS/ac)</u>
Sodar streambank	30	4.2	6.3
Russian wildrye	20	2.5	3.8
Secar bluebunch	25	4.0	5.9
Ephraim crested	10	1.1	1.6
Yellow sweetclover	5	0.5	0.7
Small burnett	5	2.0	3.0
Alfalpa	5	<u>0.5</u>	<u>0.8</u>
Total		14.8	22.1

We sincerely appreciate your timely assistance and cooperation in approving this temporary seed mix to be used for site stabilization and temporary reclamation at Sunnyside Mines. Kaiser plans to complete reclamation activities as soon as practicable, November, 1986.

Sincerely,



Doug Pearce
Mining Engineer

cc: R. Wiley
M. Holmes
S. Hasenjager