



Norman H. Bangarter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

July 5, 1988

TO: John Whitehead, Permit Supervisor

FROM: Brent Stettler, Reclamation Biologist *Brent*

RE: Recommendations for Revegetating Recent Disturbance Caused by Channel Repair, Western States Minerals Corporation, J.B. King Mine, INA/015/002, Folder #2, Emery County, Utah

The Division recommends that new disturbance, created by channel repair, be revegetated in late fall 1988. Results are best when seeding immediately precedes the onset of winter. The Division recommends that pad and roads be ripped -- a roughened soil surface enhances water retention. Seed should thereafter be broadcast and hand-raked into the soil. And lastly, the Division recommends that alfalfa hay cover the seedbed as a mulch.

The following seed mix is recommended, based on the approved reclamation seed mix, and my observations of revegetation at J.B. King during the June 21, 1988 inspection:

Recommended Seed Mix

<u>Common Name</u>	<u>Scientific Name</u>	<u>PLS/ft2</u>	<u>#/Acre</u>
Indian Ricegrass	<u>Oryzopsis hymenoides</u>	12.1	3.0
Sand Dropseed	<u>Sporobolus cryptandrus</u>	11.9	0.1
Western Wheatgrass	<u>Agropyron smithii</u>	8.3	3.0
Thickspike Wheatgrass	<u>A. dasystachyum</u>	10.6	3.0
Needle & Thread	<u>Stipa comata</u>	7.9	3.0
Yellow Sweetclover	<u>Melilotus officinalis</u>	11.9	2.0
Palmer Penstemon	<u>Penstemon palmeri</u>	10.5	0.75
Scarlet Globemallow	<u>Sphaeralcea coccinea</u>	11.4	1.0
Fourwing Saltbush	<u>Atriplex canescens</u>	4.1	3.0
Shadscale	<u>A. confertifolia</u>	4.5	3.0
Winterfat	<u>Ceratoides lanata</u>	4.8	3.0
Rubber Rabbitbrush	<u>Chrysothamnus nauseosus</u>	4.6	0.5
			<u>25.35</u>

cc: Larry Johnson
1369R/47