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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
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 6, 1988

Mr. Larry Johnson  
Western States Minerals  
4975 Van Gordon Street  
Wheat Ridge, Colorado 80033

Dear Mr. Johnson:

RE: Contemporaneous Reclamation, Western States Minerals, J.B. King Mine, INA/015/002, Folder #2, Emery County, Utah

Attached is a technical memo compiled by Brent Stettler, Reclamation Biologist, that outlines recommendations for reseeding the disturbance from the recent channel repair work at the J.B. King Mine.

Please assure that the areas recently disturbed as well as any other needed areas are reseeded this fall as required by UMC 817.100.

The Division appreciates Western States continued commitment to reclamation of the J.B. King site especially in light of the harsh conditions present there.

Sincerely,

A handwritten signature in cursive script that reads "John J. Whitehead".

John J. Whitehead  
Permit Supervisor

JJW/as  
Attachment  
cc: Bill Warmack  
Brent Stettler  
0028R/82



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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