



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

INA 1015/002  
Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

INSPECTION REPORT

INSPECTION DATE & TIME: Nov. 13, 1987  
9:00 a.m. to 2:00 p.m.

Permittee and/or Operators Name: Western States Minerals Corp.  
Business Address: 4975 Van Gordon Street Wheat Ridge, CO 80033  
Mine Name: J.B. King Permit Number: INA/015/002  
Type of Mining Activity: Underground  Surface  Other   
County: Emery  
Company Official (s): none  
State Official(s): Harold G. Sandbeck  
Partial:  Complete:  Date of Last Inspection: Oct. 6, 1987  
Weather Conditions: Clear and cool  
Acreage: Permitted 480 Disturbed 30 Regraded 30 Seeded 30 Bonded 30  
Enforcement Action: None

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. SURFACE AND GROUNDWATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. COAL PROCESSING WASTE	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16. ROADS				
a. CONSTRUCTION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. MAINTENANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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(Comments are Numbered to Correspond with Topics Listed Above)

GENERAL COMMENTS:

Since the last partial inspection on October 6, 1987, the mine site received a severe, high intensity, short duration thunderstorm. The absentee operator was informed about the storm damage. The operator will visit the site to assess the damage and determine if the storm exceeded site designs. Ground conditions were wet.

4a. STREAM CHANNEL DIVERSIONS:

The stream channel diversion consists of a main channel which branches off into two feeder channels. The main channel empties into the pond which is located in the northwestern most part of the permit area. The main channel ties into two feeder channels to form a triple juncture below the upper pad area in the southeastern area of the permit. At the triple juncture, one feeder junction travels to the east and the other travels to the south. Riprap was placed in the uppermost southeastern portion of the main channel up to the triple juncture. At the triple juncture, riprap continued about 200 feet up the eastern feeder channel and riprap also continued up the southern feeder channel to the top of the road which leads up to the upper pad.

Areas of Storm Damage

- A. Erosion gullies have formed in several places down the main channel proper. Gullies have also occurred laterally along the main channel.
- B. In the south feeder channel, erosion gullies have formed in several places on the road leading up to the upper pad area. Loss of riprap from this channel which found its way down the main channel is also evident.
- C. In the east feeder channel, the riprap has functioned properly, but beyond the riprap and further east up against the upper pad slope, an erosion gully has formed.

Copy of this Report:

Mailed to: Western States Mineral Corp.; Brian Smith, OSM

Given to: Joe Helfrich, DOGM

Inspectors Signature and Number: Harold G. Sandbeck #27 Date: Nov. 17, 1987

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4c. SEDIMENT PONDS AND IMPOUNDMENTS:

Since the last inspection, the pond water level has reached a higher level.

Areas of Storm Damage

- A. The undersigned inspector informed the operator of the erosion gullies on the northern pond inslope embankment. However, the pond inslope is presently not out of compliance, but this will need to be addressed by the operator in the near future.
- B. Erosion gullies have formed laterally along the pond inlet.

4d. OTHER SEDIMENT CONTROL MEASURES:

Areas of Storm Damage

- A. Erosion of knoll and surrounding landscape.

Operator will submit a letter outlining the corrective action procedures. The next partial inspection will address the repair work.

Inspectors Signature and Number: Harold G. Sandbeck #27 Date: Nov. 17, 1987