



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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*gal* *psl*

## INSPECTION REPORT

INSPECTION DATE & TIME: July 11, 1991  
9:30 am to 12:00 pm

Permittee and/or Operator's Name: Western States Minerals Corp.  
Business Address: 4975 Van Gordon St., Wheat Ridge, CO 80033  
Mine Name: J.B. King Permit Number: ACT/015/002  
Type of Mining Activity: Underground X Surface      Other       
County: Emery Company Official(s): None  
State Official(s): Susan White  
Federal Official(s): Jeff Zingo  
Partial:      Complete X Date of last Inspection: July 5, 1991  
Weather Conditions: Fair and hot.  
Acreage: Permitted 480 Disturbed 30 Regraded 30 Seeded 30  
Bonded 30 Enforcement Action: AVS Check

### COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

## INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/015/002

DATE OF INSPECTION: 05/12/91

(Comments are Numbered to Correspond with Topics Listed Above)

### 1. PERMITS

Insurance is in order, effective date is December 31, 1990 to December 31, 1991. General aggregate is two million and per occurrence coverage is one million.

The annual reports have been submitted. The sediment pond inspection, certified by a Professional Engineer, indicated no problems. Subsidence monitoring was completed for 1990. All movement detected was less than one foot.

Two stipulations are still outstanding and must be resolved by July 15, 1991, or violations will be issued. The one stipulation dealing with sediment control on the refuse pile was also a concern to the Federal Inspector. He also felt along with the Division that bond will not be able to be released on this site with the current erosion problems. And felt that the operator was simple putting a band-aid on the problem rather than finding a permanent solution.

All other permit documents appeared in order.

### 2. Signs and Markers

The operator, Western States Minerals Corporation, and address was listed as the same in the permit and on the sign on site.

### 4. HYDROLOGIC BALANCE

The main channel (unarmored) ditch shows erosion near the ditch head. This will require some work which has not been completed as of yet.

The silt fences have been repaired.

The second quarter sediment pond inspection has not been submitted. The pond was dry at the time of inspection. The annual sediment pond inspection was submitted to the Division with the annual report. This report was certified by a professional engineer. The statement reported that the spillway was longer than that stated in the permit.

12. Backfilling and Grading

Mr. Zingo questioned the bench on the southeast side of the disturbance area. Apparently the area was a road, now it is used as a diversion ditch.

13. REVEGETATION

Vegetation appears excellent in some areas, such as along the channel, sediment pond, and north facing slope of the refuse pile. Other areas such as the southwest aspect of the refuse pile and ridge north east of the sediment pond have poor vegetative establishment.

This area north of the sediment pond was of concern to the Federal Inspector. He felt that insufficient growth medium was applied to the site. However, the argument was made that although no vegetation was on the area, the area was stable. The suggestion was made to perhaps put pockets of growth medium on the site to encourage vegetation rather than treat the entire area and risk destabilization.

A reference area which the operator may propose as the new reference area was looked at. The entire area could not be found, only two stakes were observed. However, it appeared as though the area cut across the slopes and very little through the valley area. This was different than as discussed with Dr. Bramburg, the operators vegetation consultant.

Copy of this Report:

Mailed to: Dwight Crossland (WSM); John Kathmann (OSM)

Given to: Joe Helfrich (DOGM)

Inspector's Signature: *Susan M. White* #35 Date: 06/13/91