



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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Michael O. Leavitt
Governor
Lowell P. Braxton
Division Director

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INSPECTION REPORT

Partial: X Complete: \_\_\_ Exploration: \_\_\_
Inspection Date & Time: 8/20/98, 11:00 am to 12:30 pm
Date of Last Inspection: 7/21/98

Mine Name: J.B. King County: Emery Permit Number: ACT/015/002
Permittee and/or Operator's Name: Western States Minerals Corp.
Business Address: Suite 130, 250 South Rock Blvd., Reno, Nevada 89502
Type of Mining Activity: Underground X Surface \_\_\_ Prep. Plant \_\_\_ Other \_\_\_
State Officials(s): Robert Davidson
Company Official(s):
Federal Official(s):
Weather Conditions: Sunny, clear, warm and breezy
Existing Acreage: Permitted-480 Disturbed-30 Regraded-\_\_\_ Seeded-30 Bonded-30
Increased/Decreased: Permitted-\_\_\_ Disturbed-\_\_\_ Regraded-\_\_\_ Seeded-\_\_\_ Bonded-\_\_\_
Status: \_\_\_Exploration/\_\_\_Active/\_\_\_Inactive/\_\_\_Temporary Cessation/\_\_\_Bond Forfeiture
Reclamation (\_\_\_Phase I/\_\_\_Phase II/\_\_\_Final Bond Release/\_\_\_Liability\_\_\_Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

- 1. Substantiate the elements on this inspection by checking the appropriate performance standard.
a. For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

EVALUATED N/A COMMENTS

NOV/ENF

Table with 5 columns: Item, EVALUATED, N/A, COMMENTS, and an empty column. Rows include: 1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE; 2. SIGNS AND MARKERS; 3. TOPSOIL; 4. HYDROLOGIC BALANCE; 5. EXPLOSIVES; 6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES; 7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS; 8. NONCOAL WASTE; 9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES; 10. SLIDES AND OTHER DAMAGE; 11. CONTEMPORANEOUS RECLAMATION; 12. BACKFILLING AND GRADING; 13. REVEGETATION; 14. SUBSIDENCE CONTROL; 15. CESSATION OF OPERATIONS.

# INSPECTION REPORT

(Continuation sheet)

Page 2 of 45

PERMIT NUMBER: ACT/015/002

DATE OF INSPECTION: 8/20/98

- |  |                                     |                          |                                     |
|--|-------------------------------------|--------------------------|-------------------------------------|
| 16. ROADS:   |                                     |                          |                                     |
| a. CONSTRUCTION/MAINTENANCE/SURFACING                    | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |
| <input type="checkbox"/>                                 |                                     |                          |                                     |
| b. DRAINAGE CONTROLS                                     | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |
| <input type="checkbox"/>                                 |                                     |                          |                                     |
| 17. OTHER TRANSPORTATION FACILITIES                      | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |
| <input type="checkbox"/>                                 |                                     |                          |                                     |
| 18. SUPPORT FACILITIES/UTILITY INSTALLATIONS             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/>                                 |                                     |                          |                                     |
| 19. AVS CHECK (4th Quarter-April, May, June)_____ (date) | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |
| <input type="checkbox"/>                                 |                                     |                          |                                     |
| 20. AIR QUALITY PERMIT                                   | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |
| <input type="checkbox"/>                                 |                                     |                          |                                     |
| 21. BONDING & INSURANCE                                  | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |
| <input type="checkbox"/>                                 |                                     |                          |                                     |

(Comments are Numbered to Correspond with Topics Listed Above)

## 2. SIGNS AND MARKERS:

The lower and upper permit entry signs were both in good condition.

## 4. HYDROLOGIC BALANCE:

### b. SEDIMENT PONDS AND IMPOUNDMENTS

The sediment pond was dry and the surface cracked and powdery.

### c. OTHER SEDIMENT CONTROL MEASURES

The northern section of the silt fences bordering the eastern edge of the refuse pile and the undisturbed area has rotted. This section of silt fence is in complete disrepair and needs to be repaired. If the silt fences are no longer needed at this stage reclamation, then an amendment should be filed for removing the silt fences.

## 13. REVEGETATION

Most perennial grasses have gone to seed. Annual weeds were primarily observed in two locations, at the sediment pond and on the refuse pile. Annual weeds at the sediment pond included Sunflower, Kochia, Russian Thistle, and Halogeton. The sunflowers were in full bloom. The Russian Thistle is primarily located in the upper reaches of the sediment pond. Weeds on the refuse pile included Halogeton, Kochia and Russian Thistle. Snakeweed, which is common throughout the site, is still in bloom with some seed heads fully formed.

## INSPECTION REPORT

(Continuation sheet)

Page 3 of 45

PERMIT NUMBER: ACT/015/002

DATE OF INSPECTION: 8/20/98

### 14. SUBSIDENCE CONTROL

Walked through the subsidence area on top and observed several subsidence cracks. Most of the cracks are located along the northern and eastern edges of the subsidence area. With recent rains, some cracks have been exposed and are more prominent from past observations. The rains have washed sand down these cracks and have exposed the edges of sandstone slabs which have separated during subsidence. These sandstone cracks range in width from 3 to 4 inches, are up to a several feet long, and in some cases are many feet deep. Please refer to attached photos 1 through 6.

### 18. SUPPORT FACILITIES/UTILITY INSTALLATIONS

Fencing is intact around the entire perimeter of the reclaimed site.

The Operator still needs to block vehicle access to the road path created last summer when redoing the outlet to the sediment pond.

Copy of this Report:

Mailed to: OSM, E.M. Gerick (WSMC)

Given to: Joe Helfrich (DOGM)

Inspector's Signature: \_\_\_\_\_



#45

Date: 9/13/98

# INSPECTION REPORT

(Continuation sheet)

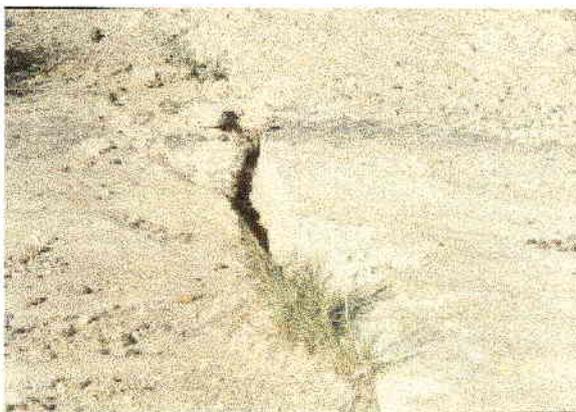
Page 4 of 4<sup>5</sup>

PERMIT NUMBER: ACT/015/002

DATE OF INSPECTION: 8/20/98



**Figure 1.** Looking South along eastern edge of subsidence area. Sharon Falvey is standing at southern most extent of cracks.



**Figure 2.** Surface crack where sandstone slabs have separated. Located immediately north of Fig 1 along the eastern edge of the subsidence area

# INSPECTION REPORT

(Continuation sheet)

Page 5 of 45

PERMIT NUMBER: ACT/015/002

DATE OF INSPECTION: 8/20/98



**Figure 3.** Subsidence crack (Fig. 1 crack as shown in foreground).



**Figure 4.** Same crack as Fig 3, but with size shown relative to hand and watch.



**Figure 5.** Crack opening at surface. located along the northern edge of the subsidence area.



**Figure 6.** Crack opening at surface. located along the northern edge of the subsidence area.

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