



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

INSPECTION REPORT

gh

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
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Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
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Partial: X Complete: Exploration:
Inspection Date & Time: 7/9/96 9 to 11
Date of Last Inspection: 6/3/96

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): Susan White, Bob Davidson

Company Official(s):

Federal Official(s): None

Weather Conditions: Fair, hot and buggy

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.

Table with 4 columns: EVALUATED, N/A, COMMENTS, NOV/ENE. 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; 16. ROADS; 17. OTHER TRANSPORTATION FACILITIES; 18. SUPPORT FACILITIES/UTILITY INSTALLATIONS; 19. AVS CHECK (4th Quarter-April, May, June) (date); 20. AIR QUALITY PERMIT; 21. BONDING & INSURANCE.



**INSPECTION REPORT**

(Continuation sheet)

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PERMIT NUMBER: ACT/015/002

DATE OF INSPECTION: 7/9/96

(Comments are Numbered to Correspond with Topics Listed Above)

**4. HYDROLOGIC BALANCE:**

No evidence of rain or runoff was apparent on site.

**13. REVEGETATION**

The site was extremely dry. No green grass was observed. Very few annual weeds were observed.

Sugar was applied to half of the cryptobiotic test plots and then approximately 5 gallons of water sprayed on each site.

Copy of this Report:

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

Given to: Joe Helfrich (DOGM)

Inspector's Signature: Susan M. White #35 Date: 7/10/96



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June 24, 1996

Dr. Jayne Belnap  
Research Biologist  
National Park Service  
Southeast Utah Group  
125 West 200 South  
Moab, UT 84532

Re: Cryptobiotic Soil Study, J.B. King Mine, ACT/015/002, Folder #2, Emery County, Utah

Dear Dr. Belnap:

Please find enclosed the post-treatment samples from the cryptobiotic soil study at J.B. King collected on June 4, 1996. Sample descriptions are included on the enclosed updated page 3 of the summary sheet. As requested before, in addition to performing your regular analyses, we would appreciate if your laboratory would also analyze the 3, 10-cm depth soil samples for the following:

- % CaCO<sub>3</sub>
- % Sulfur (non-SO<sub>4</sub>-S)
- Soil density
- pH

Again, we are appreciative of your time and contribution on this cryptobiotic soil study.

Sincerely,



Robert A. Davidson  
Soils Reclamation Specialist

blb  
cc:

Susan White  
Sharon Falvey  
Joe Helfrich  
Pam Grubaugh-Littig  
E.M. (Buzz) Gerick, V.P. Operations, Western States Mineral Corp.



**FIELD SAMPLES:**

1. Pre-treatment soil sampling - 5/16/96
  - Chlorophyll Samples: J.B. King Mine site, pretreatment (PrC), 5/16/96, s1-1 thru s1-8, s2-1 thru s2-8, and s3-1 thru s3-8. Total of 24 samples in 1/2-size ziplock bags.
  - Soil Samples: J.B. King Mine site, pretreatment (PrS), 5/16/96, s1 thru s3. Total of 3 samples in full-quart size ziplock bags.
2. Post-treatment soil sampling - 6/4/96
  - Chlorophyll Samples: J.B. King Mine site, post-treatment (PoC), 6/4/96, s1-1 thru s1-8, s2-1 thru s2-8, and s3-1 thru s3-8. Total of 24 samples in 1/2-size ziplock bags.
  - Soil Samples: J.B. King Mine site, post-treatment (PoS), 6/4/96, s1 thru s3. Total of 3 samples in full-quart size ziplock bags.