0012

UTAH NATURAL RESOURCES
Oil, Gas & Mining
3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • (801) 538-5340

inspection report

Permit No. INA/015/002
Inspection Date MAY 24, 1988

Permittee/Operator Name WESTERN STATES MINERALS CORPORATION
Business Address 4975 VAN GORDON STREET
City WHEAT RIDGE State COLORADO Zip
Mine J. B. KING ☐ Surface ☑ Underground ☐ Other
County EMERY State UTAH
Company Official(s) NONE
State Official(s) PAMELA GRUBAUGH-LITTIG
Time of inspection 10:15 ☑ a.m. ☐ p.m. to 11:30 ☑ a.m. ☐ p.m. ☐ Partial ☑ Complete
Date of last inspection MARCH 7, 1988 Weather conditions CLOUDY AND WARM
Acreage 480 ☑ Permitted 30 ☑ Disturbed 30 ☑ Regraded 30 ☑ Seeded 30 ☑ Bonded
Enforcement Action NONE GCH 6/2/88

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. Permits	☑	☐	☐	☐
2. Signs and markers	☑	☐	☐	☐
3. Topsoil	☐	☐	☑	☐
4. Hydrologic balance				
a Stream channel diversions	☑	☐	☐	☑
b Diversions	☑	☐	☐	☐
c Sediment ponds and impoundments	☑	☐	☐	☐
d Other sediment control measures	☑	☐	☐	☐
e Surface and groundwater monitoring	☑	☐	☐	☐
f Effluent limitations	☐	☐	☑	☑
5. Explosives	☐	☐	☑	☑
6. Development waste and spoil disposal	☐	☐	☑	☑
7. Coal processing waste	☐	☐	☑	☑
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				
— Construction	☐	☐	☑	☐
— Drainage controls	☑	☐	☐	☐
— Surfacing	☐	☐	☑	☐
— Maintenance	☐	☐	☑	☐
17. Other transportation facilities	☐	☐	☑	☐
18. Support facilities and utility installations	☐	☐	☑	☐

WHITE – DOGM YELLOW – OSM PINK – PERMITTEE/OPERATOR GOLDENROD – NOV FILE

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Please number comments to correspond with topics on previous page.

#2- A sign designating the permit area is at the fence line entering the permit area and in good repair.

#4b- The stream channel will be repaired this summer. A letter from Western States Mineral Corporation dated 5-19-88 committed to this channel repair by June, 1988.

#13 There is a "biomass" covering the reclaimed site (occular inventory). A quantitative and qualitative sampling is scheduled for 1988.

#14- The subsidence cracks were checked in the area above the mine in the Ferron Sandstone. No "cracks" could be found in the area. Areas where no shrubs grew in a line indicated possible "healed" cracks.

Copy of report mailed to PFO Brian Smith, OSM and Larry Johnson, WSM

Copy of report given to Joe Helfrich, DOGM

Inspector's signature Pamela Grubaugh-Littig 5/26/88 No. 20

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inspection report

Permit No. INA/015/002
Inspection Date 4/6/88

Permittee/Operator Name WESTERN STATES MINERALS CORP.
Business Address 4975 VAN GORDON ST.
City WHEAT RIDGE State CO Zip
Mine J.B KING ☐ Surface ☒ Underground ☐ Other
County EMERY State UTAH
Company Official(s) NONE
State Official(s) JOHN WHITEHEAD, HAROLD SANDBECK, TOM MUNSON
Time of inspection 12:00 ☐ a.m. ☐ p.m. to 2:30 ☐ a.m. ☒ p.m. ☒ Partial ☐ Complete
Date of last inspection 3/7/88 Weather conditions CLEAR
Acreage 480 ☒ Permitted 30 ☒ Disturbed 30 ☒ Regraded 30 ☒ Seeded 30 ☒ Bonded
Enforcement Action NONE

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. Permits	☒	☐	☐	☒
2. Signs and markers	☐	☐	☐	☐
3. Topsoil	☐	☐	☐	☐
4. Hydrologic balance				
— Stream channel diversions	☒	☐	☐	☒
— Diversions	☒	☐	☐	☐
— Sediment ponds and impoundments	☒	☐	☐	☐
— Other sediment control measures	☒	☐	☐	☐
— Surface and groundwater monitoring	☐	☐	☐	☐
— Effluent limitations	☐	☐	☐	☐
5. Explosives	☐	☐	☐	☐
6. Development waste and spoil disposal	☐	☐	☐	☐
7. Coal processing waste	☐	☐	☐	☐
8. Noncoal waste	☐	☐	☐	☐
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10. Slides and other damage	☐	☐	☐	☐
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— Construction	☐	☐	☐	☐
— Drainage controls	☐	☐	☐	☐
— Surfacing	☐	☐	☐	☐
— Maintenance	☐	☐	☐	☐
17. Other transportation facilities	☐	☐	☐	☐
18. Support facilities and utility installations	☐	☐	☐	☐

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(1) PERMITS: The operator needs to remove language in permit which references the establishment of trees on the site

(4) Stream Channel diversions:
The areas need immediate attention:

1) The diversion above the sediment pond is eroding on its cut slopes; ~~and~~ repair other than hand work and straw is needed. Possible regrade, ~~and~~ excelsior blanket, and reseeding may stop erosion in this area.

2) Grade control structures should be implemented in the main channel between 2+45 and 6+01 to bring this portion of the channel to a more acceptable gradient. A 3% channel gradient appears stable just above this reach.

3) Additional repair work is needed on

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3)(CONT.) the main channel and the feeder ditch. Implementation of a plunge pool at the upper end and properly constructed and spaced grade control structures on the feeder ditch may prevent future damage to this channel. After this inspection, it is the option of the inspector that the poorly constructed channel has created erosion problems that can be stopped only with a totally reworking of the channel in the feeder ditch and the main channel between 12+76 and 13+96.

4) The Southeast corner of the site below the closed portals needs additional work. Properly constructed check dams, well keyed into the bed and banks may help slow erosion on slopes greater than 10 percent.

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(13) Revegetation

1) Cattle were present on the site when we arrived for the inspection. It was discovered they are entering the site on the S, S-W area above the outcrop. Additional fencing needs to be installed to prevent their continued destruction of the site and the revegetation efforts.

2) The access road into the site needs to be ripped and reseeded following the repair of the channels.

General Comments: We were to meet Mr. Tom Hughes at the site to discuss the above items but due to a misunderstanding he failed to show up. These

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issues need to be addressed prior to the next inspection, as the operator has committed to completing the majority of these items in prior conversations this spring, the Division felt no violations were warranted at this time.

Copy of report mailed to WESTERN STATES MINERAL CORP., BRIAN SMITH OSM

Copy of report given to JOE HELFRICH, DOGM

Inspector's signature Thomas Munson 4/13/88 No. 25

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