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# Western States Minerals Corporation

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TELEX NO. 450186 West States

file INA/015/002 #14  
C.L. T. Munson  
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**RECEIVED**  
OCT 10 1986

October 7, 1986

**DIVISION OF  
OIL, GAS & MINING**

Mr. John Whitehead  
Permit Supervisor  
Division of Oil Gas & Mining  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Re: J.B. King Mine, Monitoring  
September Inspection

Dear Mr. Whitehead:

A post monitoring inspection of the reclaimed J.B. King Mine Site was conducted on Thursday, September 25 in accord with permit requirements.

A light rain/snow/sleet shower was occurring at the time of the inspection. It appears that these weather patterns have been common since the last inspection. Rivulet erosion has been established due to a significant thunderstorm in August. The more recent moisture appears to have been very slow and steady showers. No water was flowing in the ditches during the inspection. The primary drainage course and a tributary to that ditch have carried significant volumes of high energy water flow from sources off of the reclaimed mine site. The transportation by the constructed ditches of this high volume-energy regime flow has resulted in erosion along portions of the ditch and a flow pattern conducive to the event. The contour furrows constructed on the reclaimed refuse pile have proven functional. Based on observation from the same large thunderstorm, there are portions of the contour furrows that have been filled with silt. This silt deposition resulted in storm waters breaching the furrows and initiating small gully type erosion. These furrows and gullies may require curative measures to prevent a proliferation and compounding affect. It is recommended that no surface disturbance associated with the furrows be conducted until early summer 1987. This will allow the first year cycle of revegetation to occur. The flowering phase of several plant types was witnessed during the inspection. By waiting until early summer 1987, the prevailing weathering patterns will be better established and possibly understood. The sediment pond had approximately 6 feet of water standing in it. There has been no discharge of water through the spillway.

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Vegetation growth continues to take advantage of the late summer and early fall moisture that has been received. Many of the plants were flowering and going to seed. If these weather patterns continue, the natural revegetative process will have a reasonable chance to produce a new spring population.

The subsided area was inspected and no change was evident.

Respectfully submitted,

WESTERN STATES MINERALS CORPORATION



Michael H. O'Donnell  
Governmental Relations Manager

MOD/djs

cc: A. S. Gordon  
A. B. Morrow