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COAL SYSTEMS, Inc.

CONSULTANTS/ENGINEERS

P.O. BOX 17117
SALT LAKE CITY, UTAH 84117

July 23, 1986

L. G. MANWARING, P.E.
President

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JNA/015/002

JUL 30 1986 #14

DIVISION OF OIL
GAS & MINING
Area Code 801
261-4500

Mr. John J. Whitehead
Permit Supervisor
DIVISION OF OIL, GAS & MINING
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: J. B. King Mine Post Monitoring
July Inspection

Dear Mr. Whitehead:

A post-monitoring inspection of the reclaimed J. B. King Mine Site was conducted July 15 in accord with permit requirements.

Some moisture, probably in the form of thunderstorms, has been received at the mine site within the last several weeks. Some minor rivulet erosion (several inches deep) can be noted on the sides of the sediment pond and other slopes of the property. It appears that the sediment pond may have had approximately 6 inches of water in it, but it was dry at the time of inspection. All ditches are in good condition and straw bales, rip-rap, and energy dissipators are in good order.

Vegetation growth in the last several weeks has been very impressive. Whereas growth has been severely hampered due to lack of moisture during the winter and spring months, the recent rains have allowed the fall seed to germinate and the spring seedlings to recover from a parched appearance. Several varieties of wheatgrasses can be noted and other grasses 3 to 6 inches high were seen. Some shrubs and forbs, apparently growing from seed planted in the fall, were also evident.

The seedlings planted this spring have recovered very well, although there has been some loss of these plants due to lack of moisture in the months just after planting; those that are living look good and show significant new growth. It is now becoming difficult to find the seedlings because other growth, both natural and from the fall seeding, has attained a 6 to 12 inch height, also.

The subsided area was inspected and no change was observed since the last inspection.



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Mr. Michael O'Donnell, Western States Minerals Corporation - Denver, and Mr. James Endsley, Western States Minerals Corporation - Drum Mine, accompanied me on this inspection inasmuch as they intend to conduct future inspections. History of the reclamation activities was discussed with them as were future inspection requirements. Locations of all major features were observed including the portals, test plot, ditches and the past and current reference areas.

Sincerely,

COAL SYSTEMS, Inc.



L. G. Manwaring, P.E.
President

LGM/bm

cc: Mr. M. H. O'Donnell, Western States Minerals Corp.