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file JNA/015/002 #13

COAL SYSTEMS, Inc.

CONSULTANTS/ENGINEERS

L G MANWARING, P E
President

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SALT LAKE CITY, UTAH 84117

May 28, 1986

RECEIVED
JUN 05 1986
Area Code 801
261-4500

Mr. John J. Whitehead
Reclamation Hydrologist & Permit Supervisor
DIVISION OF OIL, GAS AND MINING
3 Triad Center, #350
Salt Lake City, Ut. 84180-1203

DIVISION OF
OIL, GAS & MINING

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

Dear Mr. Whitehead:

A post-monitoring inspection of the reclaimed J. B. King Mine was conducted May 12 in accord with permit requirements.

The reclaimed area remains much the same as when reclaimed in the fall of 1985. Very little moisture has been received during the winter and spring months; soil moisture is now approximately 6 inches below the surface.

Lack of moisture has severely limited seed germination (planted September-October 1985) although some barley growth, introduced with the straw mulch, can be noted in the dampest spots throughout the area. It is anticipated the barley will die out soon due to the current dry conditions.

The Spring 1986 seedlings, planted in April, are also showing the effects of the local drought. Three of the five species planted (Fringed Sage, Shadscale and Gardeneri) seem to be faring the best whereas, the Canescens and Ephedra are failing badly, especially the former.

All ditch lines and strawbales are clean and in place. Recent minor repairs to the subsidence cracks were inspected and found to be holding satisfactorily.

This trip was coordinated with D. Duce and K. Mutz, DOGM. The test plot installation was reviewed with the former prior to his sampling of the plot soils. Vegetation growth, seedlings planting and the proposed reference plot and current location were inspected and discussed with Ms. Mutz.

Sincerely,

COAL SYSTEMS, Inc.

L. G. Manwaring
L. G. Manwaring, P.E.
President



LGM/bm

cc: Mr. J. Danio, WESTERN STATES MINERALS CORP.

