

0028

file INA/015/002
#7 #14

COAL SYSTEMS, Inc.

CONSULTANTS/ENGINEERS

L. G. MANWARING, P.E.
President

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

Area Code 801
261-4500

January 20, 1986

RECEIVED

JAN 22 1986

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

DIVISION OF OIL
GAS & MINING

Re: J. B. King Mine
Permit No. INA-015-002
Post Reclamation Monitoring

Dear Mr. Whitehead:

In accordance with the schedule outlined in the approved permit, the monthly monitoring inspection for January was conducted on January 17, 1986. L. G. Manwaring of Coal Systems, Inc. performed all the monitoring activities. This letter is intended to inform you of this inspection, and relay the conclusion and observations made.

An inspection was made of the many hydrologic structures found on the site. This included an inspection of the sediment pond, the borrow pit ditch and feeder ditches. Also, all the sediment control structures were inspected. All these structures were found to be in good condition and functional. A small amount of water was observed flowing in the borrow pit for about 150 ft. The snow has all melted now, but no signs of erosion due to snow melt runoff were seen.

Cattle are now grazing in the area. This may be a problem in the future. They have started to eat some of the straw bales serving as sediment control structures. Fencing the area has been discussed with Western States Minerals and it is recommended that it be done in the near future.

Subsidence caused tension cracks were inspected and found to be stable. Remedial actions are working well. Only one small hole of about 5 in. in diameter was observed and will be filled and re-groomed during the next visit.

All embankments and backfilled slopes were inspected and found to be sound.

FILE COPY



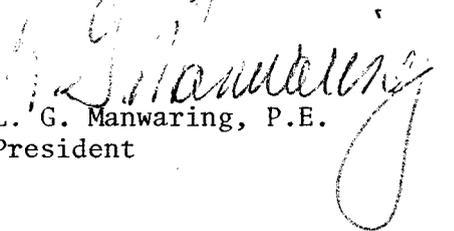
Mr. J. J. Whitehead
January 20, 1986
Page 2

In general, the site looked good and is in compliance with the over-all goals. No disturbance to the hydrologic balance within the reclaimed site and associated off-site areas was observed. The reclamation plan is working well and should cause no adverse impacts on wildlife in the area. A number of pictures were taken during this visit.

Should you have any questions, or desire further detail in some area, please give us a call.

Sincerely,

COAL SYSTEMS, Inc.


L. G. Manwaring, P.E.
President

LGM/bm

cc: Mr. J. F. Carmody, Western States Minerals Corporation