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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

April 30, 1986

file JNA/013/002 #14
RECEIVED
MAY 05 1986

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

DIVISION OF
OIL, GAS & MINING

Re: J. B. King Post Monitoring
April Inspection

Dear Mr. Whitehead:

A post-monitoring inspection of the reclaimed J. B. King Mine was conducted April 25 in accord with permit requirements.

All aspects of the reclaimed areas are virtually unchanged since the reclamation work was conducted in the fall of 1985. Very little moisture has been received during the winter months and spring thus far. The sediment pond area indicates a small flow entered in the recent past but was absorbed in the bottom of the pond near the entrance. As a consequence, there has been virtually no erosion of the reclaimed surface and thus, no repairs or other remedial actions are needed. Grasses are emerging throughout the area.

Inspection of the subsidence area above the mine indicates recent repairs are holding well with no other repairs needed at this time.

Earlier in the month, straw bales were installed as hydrologic structures to replace those eaten by cattle during the winter.

Sincerely,

COAL SYSTEMS, Inc.

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

LGM/bm

cc: Mr. J. Danio, Western States Minerals Corp.



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April 24, 1986

Mr. John Danio, Mining Engineer
WESTERN STATES MINERALS CORPORATION
4975 Van Gordon Street
Wheatridge, CO 80033

Re: J. B. King Seedlings Planting
Fence Installation, Subsidence
Repair, Reference Plot review

Dear Mr. Danio:

This letter is to advise Western States Minerals that the following activities were conducted at the J. B. King Mine Site during the first week of April.

A. Spring Seedlings Planting (Revegetation Contract, 9/25/85)

Five thousand seedlings were planted according to mine permit specifications and the stipulations of the contract between Coal Systems, Inc. and Western States Minerals Corporation. This work concludes the revegetation contract commitments.

Our biologist was on-site during the planting to assure proper technique was being utilized and appropriate locations planted. Because of the lack of moisture during the winter months, local stock ponds were dry and all water for planting was hauled fifteen miles from the nearest available source. The weather was cold, windy and with occasional moderate showers. Utah State Division of Oil, Gas and Mining personnel were on-site briefly during the planting also.

B. Fence Installation (P. O. No. M751124)

A barbed wire fence of \pm 2700 ft. length, including two loose wire gates, was installed to protect the newly re-vegetated mine site in accord with the P. O. stipulations.

During the installation, it was decided to include the "proposed" reference plot area within the fenced area (west side of property). This will define the reference area and facilitate the proposed exchange.



Mr. John Danio
April 24, 1986
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However, in doing so, we ran short of wire on the east end of the fence by about 75 foot of fence length. This additional fenceing work will be concluded at no additional charge in early May. In the interim, it is not anticipated that cattle will enter the revegetated area because of the steep terrain and isolated location of this small opening. The fence installation proceeded well except in one area of approximate 300 foot length where an underlying sheet of sandstone made post installations difficult resulting in some minor zig-zag of the fence line.

C. Subsidence Repair

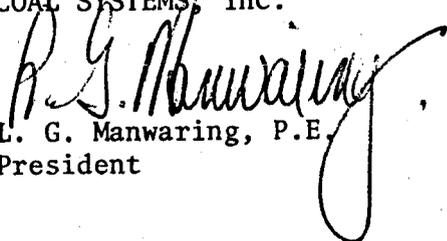
During prior monthly post-monitoring inspections, several small openings were noted in previously repaired areas. While on-site for the seedlings planting, these openings were properly closed to prevent animal injury in accord with the permit requirements.

D. Reference Plot

As mentioned to you in the past, we feel the currently established reference plot area is inappropriate. Selected and located about 1983 by Native Plants, Inc., it has been pointed out by our biologist that the environment and vegetative cover, diversity, etc., is substantially different than that in the reclaimed area; this will make ultimate revegetated area compliance difficult if not impossible. Therefore, a new area was identified and delineated while on-site. Arrangements are being made to review the proposed site with Ms. Kathy Mutz, Biologist (DOGM) for the purpose of gaining tentative approval. Sampling (vegetation survey) of the proposed area would then be conducted about June.

Sincerely,

COAL SYSTEMS, Inc.


L. G. Manwaring, P.E.
President

LGM/bm

~~cc:~~ Mr. J. Whitehead, DOGM

PS: For your information, enclosed are some photos of recent activities.

