

ACT/015/002#6
Rec'd 2/14/91 (Annual Reports)

0025

COAL MINING AND RECLAMATION OPERATIONS FOR 1990

(Must be submitted to the Division by March 31, 1991)

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

(801) 538-5340

Permittee: Western States Minerals Corporation

Mine Name: J. B. King Mine

Mailing Address: 4975 Van Gordon St., Wheat Ridge, CO 80033

Company Representative: Frank Filas, Environmental Engineer

Resident Agent: C. T. Corporation, 175 S. Main, Salt Lake

Permit Number: 015/002

Date of Initial Permanent Program Permit 8/85

Date of Permit Renewal: 8/90

Quantity of Coal Mined (tonnage) 1990: None

Attach Updated Mine Sequence Map.

All monitoring activities during the report period must be submitted with this report (including, but not limited to):

- A. Summarized Water Monitoring Data
- B. Precipitation or Other Climatological Data
- C. Subsidence Monitoring Report
- D. Vegetation Data (test plots) or Revegetation Success Monitoring (includes interim and final)
- E. Annual Impoundment Inspection
- F. Permit Stipulation Status, if applicable. Status of Division Orders, if applicable.

J.B. KING MINE
SUBSIDENCE SURVEY DATA

STATION	ORIGINAL	JUNE 1983	MAY 1984	APRIL 1985	JUNE 1986	SEPT. 1987	SEPT 1988	FEB. 1990	SEP. 1990
A-A	6517.8	6517.77	6517.8	6517.8	6517.8	6517.80	6517.80	6517.8	6517.8
S-1	6514.0	6514.00	6513.8	-----	6513.9	6514.06	6514.00	6514.0	6514.0
S-2	6505.9	6504.84	6504.6	6504.8	6504.9	6504.11	6504.59	6504.8	6505.2
S-3	6501.5	6496.81	6496.9	6496.9	6496.8	6497.11	6497.10	6496.8	6497.3
S-4	6500.0	6489.63	6489.5	6489.8	6489.7	6490.0	6490.02	6489.5	6490.0
S-5	6491.0	6484.91	6484.8	6485.1	6484.3	6485.32	6485.29	6484.8	6485.4
S-6	6496.0	6488.82	6488.6	6489.1	6488.3	6488.91	6489.01	6488.6	6488.5
S-7	6507.0	6497.00	6496.7	6497.3	6496.9	6497.45	6497.62	6496.9	6496.7
S-8	6501.2	6501.14	6500.8	6501.6	6501.3	6501.59	6501.61	6501.0	6500.9
CAP	6505.5	6505.45	6505.5	6505.5	6505.4	6505.45	6505.40	6505.3	6505.2

ANNUAL SEDIMENT POND CERTIFICATION
J. B. KING MINE

An inspection of the J.B. King Mine Sediment Pond was conducted by Wesley K. Sorensen, P.E. on December 27, 1990.

No signs of structural weakness were observed on the incised pond. There was minor erosion present on the interior of the north slope. One small gully was forming near the crest of the bank 9-12 in. deep.

No water was entering the pond at the time of inspection and the pond was dry. The spillway appeared in an as constructed condition - this indicates that the pond has had little or no discharge. The bottom of the pond had sediment deposited in the pond with dry vegetative growth which indicates that the pond has had water in it during the previous months.

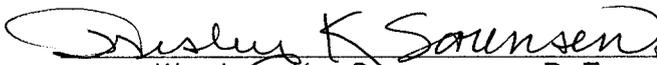
The sediment level in the pond is at an elevation of 6241.5 ft which is 9.5 ft below the spillway.

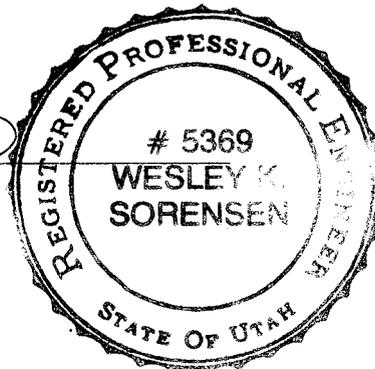
The inlet to the pond has a deposition delta. Minor erosion is present on the inlet end of the pond. Small rills are forming above the northeast collector ditch. These rills are less than 6 in. in depth.

The spillway configuration conforms to the design information with the exception of the length which is 43.5 ft rather than the design length of 25.2 ft.

A copy of the field notes is attached.

I certify that the above description accurately represents the condition of the J.B. King Sediment Pond as observed during my inspection on December 27, 1990.


Wesley K. Sorensen, P.E.
Registration No. 5369
State of Utah



WKS