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ACT/015/002
#6

Western States Minerals Corp. WSMC, 250 S. Rock Blvd. Suite #130, Reno, Nevada 89502

FAX

WSMC

Date: April 28, 1999

No. of pages including cover sheet: 4

To: Pam Grubaugh-Littig & Bob Davidson

Phone:

Fax phone: (801) 359-3940

CC:

From: Buzz Gerick

Phone: (702) 856-3339

Fax phone: (702) 856-1818

REMARKS: ☐ Urgent ☒ For your review ☐ Reply ASAP ☐ Please comment

Dear Pam & Bob— Pls. find attached the Annual Pond Cert. for JBKing.

Regards—
Buzz

Wesley K. Sorensen, P.E. Mining Engineer

[redacted]

P.O. Box 193
Salina, UT 84654

December 11, 1998

RE: ANNUAL CERTIFICATION OF SEDIMENT POND AT J. B. KING MINE

Coal Program Supervisor
Division Of Oil, Gas & Mining
1594 West Temple, Suite 1210
Salt Lake City, UT 84114-5801

Dear Program Supervisor:

Enclosed is the annual certification report for the sedimentation pond at Western States Minerals' J. B. King Mine. This certification is being submitted as required by R645-514.

Sincerely,

Wesley K. Sorensen

Wesley K. Sorensen, P.E.

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1998 ANNUAL SEDIMENT POND CERTIFICATION
J.B. KING MINE

The incised sediment pond at the reclaimed J.B. King Mine was inspected by Wesley K. Sorensen, P.E., on December 11, 1998. The area was dry and virtually snow free. The ambient temperature was 51°F with no wind. The pond had water in it an was covered with about 2" of ice.

No signs of structural weakness were observed on the incised pond. There are several minor erosion rills running just south of the northeast collector ditch in a westerly direction into the pond and along the north side of the main collector ditch. None of these small erosion channels threaten the stability of the pond in any manner. All erosion from the rills ends up in the pond. This type of erosion is characteristic on the surrounding slopes through out the Dog Valley area.

The spillway was in as constructed condition during the inspection with an outlet elevation of 6250.5 ft. There was no evidence of discharge from the pond since the spillway was constructed.

Ice and water was in the pond at the time of the inspection. The elevation of the ice surface near the center of the pond was 6246.00 ft. The sediment is at an elevation of 6243.55 ft near the center of the pond. There is room in the pond for an additional 4.5 ft of water prior to discharging out of the newly constructed spillway.

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 conducted on December 11, 1998.

Wesley K. Sorensen, P.E.
Registration No. 159457
State of Utah

REGISTERED PROFESSIONAL ENGINEER
#159457
WESLEY K SORENSEN
12/11/98
STATE OF UTAH

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ANNUAL SEDIMENT POND INSPECTION
J.B. KING MINE

DATE 12/11/98
INSPECTOR Wesley K Sorensen P.E.
WEATHER CONDITIONS Clear, Calm 51°F

1. Structural Weakness:
   A. Cracks or scarps on crest None.
   B. 1. Cracks or scarps on slopes (interior) None. Observed
   C. Sloughing or bulging on slope None
2. Major Erosion Problems:
   A. Slopes Minor on east side, south of new collector ditch entrance.
   B. Diversion ditches Inlet to pond on NE ditch reestablished & cleaned
   C. Spillway As constructed condition
3. Visible Sumps or Sinkholes in Slurry Surface:
   Describe None.
4. Impounded Waters:
   Depth 2.45 ft Surface Elevation 6246.00
5. Storage Capacity: 6243.55
   Sediment Elevation ~~6244.65~~ Height to Spillway ~~6.45~~ 6.95' Measured @ center of pond
6. Spillway: Spillway Elevation ~~6251~~ 6250.5 ft (Reference)
   Spillway Condition Clear & clean
7. Inlet:
   Clogging: Clear
   Erosion: ~~None~~ none
8. Seepage:
   Specify location, color and approximate volume.
   None
9. Other Comments:
   Pond had about 2" of ice

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