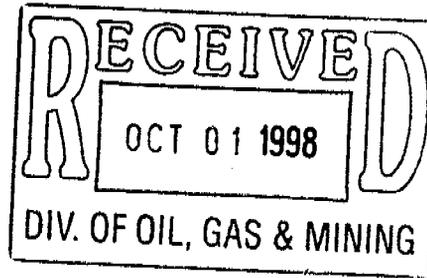




0055

Canyon Fuel Company, LLC
SUFCO Mine
397 South 800 West
Salina, Utah 84654
(435) 637-4880 Fax: (435) 636-4499



September 28, 1998

Utah Coal Program
Utah Division of Oil, Gas, and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

*10/2 tm
FAX Peter @ PFC
ACT/041/002 #6*

Dear Program Supervisor:

Enclosed are annual certification reports for Canyon Fuel Company's SUFCO Mine: Minesite Sedimentation Pond, Waste Rock Disposal Site and the associated Waste Rock Sedimentation Pond.

These certifications are being submitted prior to SUFCO's Annual Report as required by R645-514.

Sincerely,
CANYON FUEL COMPANY, LLC
SUFCO Mine

Wesley K. Sorensen, P.E.
Technical Services Manager

WKS:kb

**ANNUAL MINESITE SEDIMENTATION POND
CERTIFICATION -- 1998**

An inspection of Canyon Fuel Company's SUFCO Minesite Sediment Pond was conducted by Wesley K. Sorensen, P.E. on August 17, 1998.

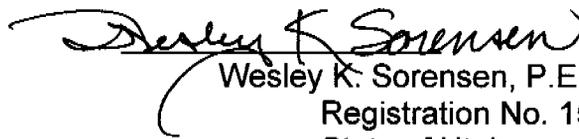
No signs of structural weakness of the dam or surrounding slopes were observed.

The fill slope above the pond has minor erosion gullies in several locations. No signs of instability of the fill slope were noted.

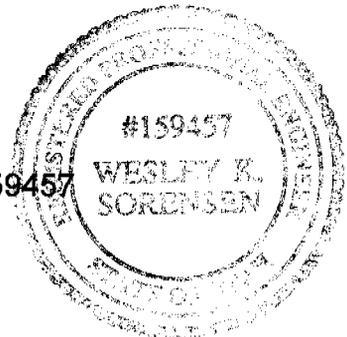
The water in the pond was at an elevation of 7415.34, which is 2.81 ft below the standpipe spillway elevation. An additional 0.548 acre-ft of storage volume was available in the pond above the current water level. The sediment level in the pond just north of the decant structure was at 7403.53. This elevation compares well with the as-built for a clean pond. The pond was cleaned back to approximate original as-built in June 1998. A total of 0.67 acre-ft of sediment storage is available in the pond after cleaning.

A copy of the field notes is attached.

I certify that the above description accurately represents the condition of the Minesite Sediment Pond as observed during my inspection on August 17, 1998.


Wesley K. Sorensen, P.E.

Registration No. 159457
State of Utah



WKS:kb

Attachment

2/27/92 MLD

CANYON FUEL COMPANY - SUFCO MINE

Minesite Sediment Pond ^{Annual}~~Quarterly~~ Inspection Report

Inspector Wesley K Sorensen P.E. Date 8/17/90

1. Dam Structural Weakness

A. Cracks or scarps on crest Yes No

None observed

B. Cracks or scarps on slope Yes No

None observed

C. Sloughing or bulging on slope Yes No

None observed

2. Major Erosion Problems Yes No

None observed

3. Surface Movements of Surrounding Slopes Yes No

None observed

4. Visible Sumps or Sinkholes in Slurry Surface Yes No

None observed

5. Clogging

A. Spillway channels and pipes Yes No

clear

B. Decant System Yes No
Looked

C. Diversion ditches Yes No
Recently riprapped after pond cleaning.

6. Seepage (Specify Location, Color and Approx. Volume) Yes No
None observed

7. Any appearance of instability, structural weakness, or other hazardous conditions Yes No
None observed

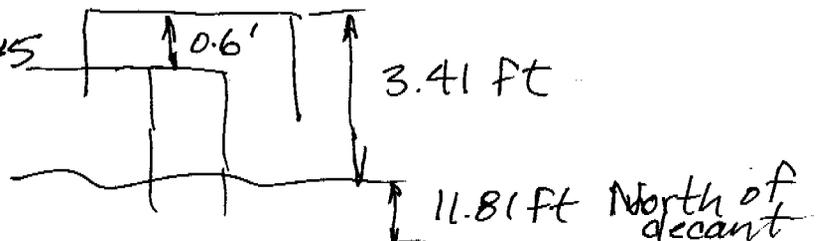
8. Weir level Yes No

9. Other Comments

Pond was clean in May & June. The pond was cleaned back to approximate original volume. A total of 236 truck loads of material from the pond and mine gob (mixed at rear of truck) were hauled.

F:\WORK\WP1998\MLD\GEN\SED POND. FRM

water level 7415.34
sediment level 7463.53
Just north of
decant



**ANNUAL WASTE ROCK SEDIMENTATION POND
CERTIFICATION -- 1998**

An inspection of Southern Utah Fuel Company's Waste Rock Sediment Pond and associated Decant Impoundment was made on September 28, 1998 by Wesley K. Sorensen, P.E.

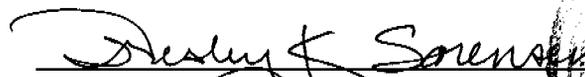
No signs of structural weakness of the sediment pond dam or decant impoundment dam were observed.

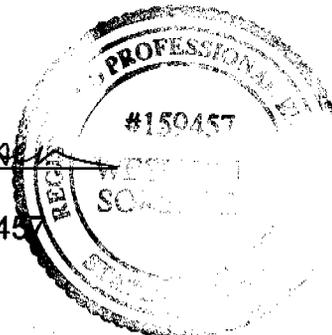
The diversion ditches, spillways and decant devices are in as-constructed condition and are functional.

Water was present in the pond at a depth of 1.15 ft immediately in front of the catwalk. The water level in the pond was at an elevation of 7884.95 ft. Sediment level immediately in front of the catwalk was at an elevation of 7883.80 ft. The 60% sediment level for the pond is at 7885.15 ft. About 0.7 acre-ft of storage volume was available in the pond. No sediment or water was observed in the decant impoundment.

A copy of the field notes of the inspection is attached.

I certify that the above description accurately represents the condition of the Waste Rock Sedimentation Pond and Decant Impoundment observed during the inspection.


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



WKS:kb

Attachment

CANYON FUEL COMPANY - SUFCO MINE

Sunny
58°F

Coal Refuse Piles Annual Quarterly Inspection Report

Inspector Wesley K Sorensen

Title PE

Date 9/28/98

Permit # ACT/041/002

- 1. Foundation Preparation (vegetation, topsoil removal?)
 Yes No
- 2. Lift Thickness (inches) 18-24"
- 3. Compaction Active pd cell 4 & 150'wx230' Yes No
compacted northern 100' piles in middle need spreading & compact.
- 4. Burning (specify extent and location) Yes No
- 5. Angle of Slope (degrees) Cell 3 W 22° Cell 3 S 20°
- 6. Seepage (specify location, color, & appr. volume)
 Yes No
- 7. Cracks or Scarps (location and size) Yes No
- 8. Major Erosion Problems (location and extent) Yes No
- 9. Water Impounding Against Toe Yes No
- 10. Any appearance of instability, structural weakness or other hazardous conditions Yes No

11. OTHER - CELL 3 completed. Topsoil in place ≈ 30-36"
Topsoil needs to be packed & seeded.

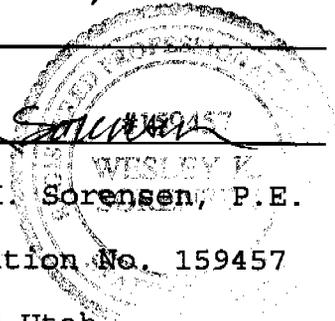
12. Vegetation good cover
good growth - cell 2 better
than cell 4 still.

Wesley K Sorensen

Wesley K. Sorensen, P.E.

Registration No. 159457

State of Utah



**ANNUAL WASTE ROCK DISPOSAL SITE
CERTIFICATION -- 1998**

An inspection of Southern Utah Fuel Company's Waste Rock Disposal Site was made by Wesley K. Sorensen, P.E. on September 28, 1998.

Cell three has been completed and topsoil has been placed over the cell to a depth of 30 to 36 inches. Terraces need to be extended across the southern face. Pocking of the surface and seeding needs to be completed prior to inclement weather this fall. Vegetation growth on cell 2 which was pocked appears to be better than that on cell 1 which was not pocked.

The pad of the fourth cell has approximate dimensions of 250 ft x 150 ft. Gob has been placed in the northern end of the cell 130 ft x 150 ft. Several piles of development waste were on the pad at the time of the inspection. This underground development waste is dumped from 10 wheel end-dump trucks in piles about 3.5-4 ft high. These piles are leveled with a D-6 Cat dozer or a 988 Cat loader. The resulting lift thickness is 18-24 inches. The dozer/loader and loaded trucks are routed over the pad to compact the lift.

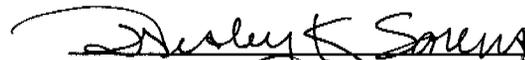
Final and intermediate construction slopes were at or less than the designed 1v:2h for both cell 3 and cell 4. Slopes are constructed such that water cannot collect against the toe.

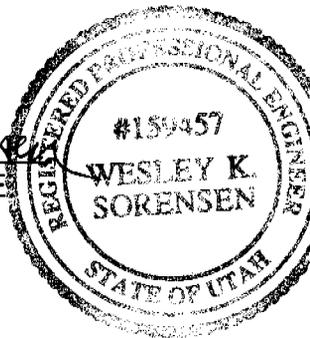
No fires have occurred at the site since it was constructed and none were observed during the inspection.

No significant erosion was observed.

A copy of the field notes is attached.

I certify that the above description accurately represents the conditions observed at the Waste Rock Disposal Site during my inspection.


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



WKS:kb

Attachment

2/27/92 MLD

CANYON FUEL COMPANY - SUFCO MINE

58°F
Sunny

Rock Waste Sediment Pond Quarterly Inspection Report

Inspector Wesley K Sorensen PE Date 9/28/98

1. Dam Structural Weakness

A. Cracks or scarps on crest Yes No

None

B. Cracks or scarps on slope Yes No

None

C. Sloughing or bulging on slope Yes No

None

2. Major Erosion Problems Yes No

None

3. Surface Movements of Surrounding Slopes Yes No

None

4. Visible Sumps or Sinkholes in Slurry Surface Yes No

None

5. Clogging

A. Spillway channels and pipes Yes No

Clear.

Small Delta of waste rock in NE corner of pond

B. Decant System Yes No
Locked

C. Diversion ditches Yes No
Clear

6. Seepage (Specify Location, Color and Approx. Volume) Yes No
None

7. Any appearance of instability, structural weakness, or other hazardous conditions Yes No
None

8. Other Comments
Decant pond okay, no erosion, no structural instability. Spillway clear except for grass growing in riprap.

