

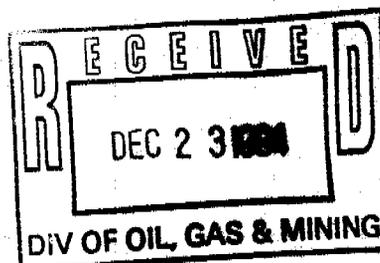


Coastal
The Energy People

Pan

File ACT/041/002 #6

December 20, 1994



Mr. Lowell Braxton
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Mr. Braxton:

Enclosed are annual certification reports for Southern Utah Fuel Company's 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,
SOUTHERN UTAH FUEL COMPANY

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

WKS:kb

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Southern Utah Fuel Company

A SUBSIDIARY OF THE COASTAL CORPORATION
307 SOUTH 800 WEST • SALINA UT 84654 • 801/637-4880 • FAX 801/534-3286

**ANNUAL WASTE ROCK DISPOSAL SITE
CERTIFICATION -- 1994**

An inspection of Southern Utah Fuel Company's Waste Rock Disposal Site was made by Wesley K. Sorensen, P.E. on December 19, 1994.

The active area pad of the third cell has approximate dimensions of 240 ft x 75 ft. Underground development waste is end dumped from 10 wheel dump trucks in piles about 3.5 ft high. These piles are leveled with a D-7 or D-8 Cat dozer. The resulting lift thickness is 18-24 inches. The dozer and loaded trucks are routed over the pad to compact the lift.

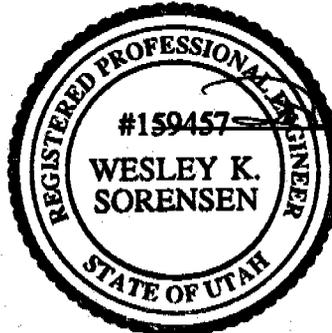
Final and intermediate construction slopes were at or less than the designed 1v:2h. Slopes are constructed such that water cannot pond against the toe.

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 are attached.

I certify that the above description accurately represents the conditions observed at the Waste Rock Disposal Site during my inspection on December 19, 1994.



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

WKS:kb

Attachment

SOUTHERN UTAH FUEL COMPANY

Coal Refuse Piles ^{Annual} Quarterly Inspection Report

Inspector Wesley K Sorensen Title PE

Date December 19, 1994 Permit # _____

1. Foundation Preparation (vegetation, topsoil removal?) Yes No

2. Lift Thickness (inches) 1 1/2 - 2 ft

3. Compaction Yes No

4. Burning (specify extent and location) Yes No
None during year

5. Angle of Slope (degrees) AR 27-30° S-15°-18°* W 12-23°

6. Seepage (specify location, color, & appr. volume) Yes No

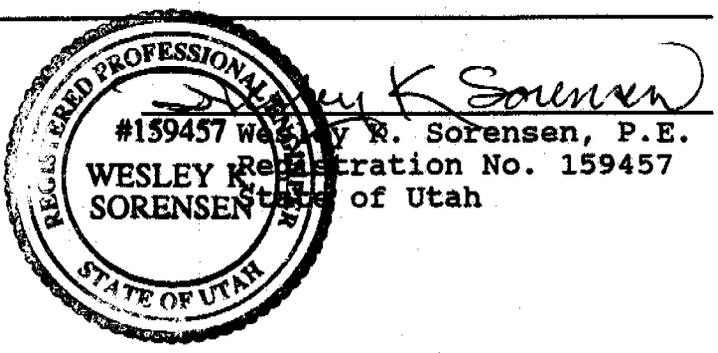
7. Cracks or Scarps (location and size) Yes No

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

* where established
Temp 35° snow - 0 - 1 ft



**ANNUAL WASTE ROCK SEDIMENTATION POND
CERTIFICATION -- 1994**

An inspection of Southern Utah Fuel Company's Waste Rock Sediment Pond and associated Decant Impoundment was made on December 19, 1994 by Wesley K. Sorensen, P.E.

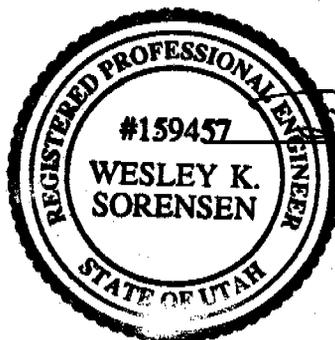
No signs of structural weakness of the sediment pond dam or decant impoundment dam were observed.

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

The water level in the pond 25 ft north of the decant structure was at 7883.8 ft. The sediment level 25 ft north of the decant structure was at 7883.5 ft. The 60% sediment level for the pond is at 7885.15 ft. At the time of the inspection there was snow and ice in the pond. About 0.73 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 are 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
Wesley K. Sorensen, P.E.
Registration No. 159457
State of Utah

WKS:kb

Attachment

2/27/92 MLD

SOUTHERN UTAH FUEL COMPANY

Rock Waste Sediment Pond ^{Annual}~~Quarterly~~ Inspection Report

Inspector Wesley K. Sorenson Date 12/19/94

1. Dam Structural Weakness

A. Cracks or scarps on crest Yes No

B. Cracks or scarps on slope Yes No

C. Sloughing or bulging on slope Yes No

2. Major Erosion Problems Yes No

3. Surface Movements of Surrounding Slopes Yes No

4. Visible Sumps or Sinkholes in Slurry Surface Yes No

5. Clogging

A. Spillway channels and pipes Yes No

Free & clear

B. Decant System

___ Yes No

Locked

C. Diversion ditches

___ Yes No

Snow covered

6. Seepage (Specify Location, Color and Approx. Volume)

___ Yes No

None

7. Any appearance of instability, structural weakness, or other hazardous conditions

___ Yes No

8. Other Comments

Temp 35°F clear sunny snow 0-18"

Decant impoundment.
No signs of structural weakness.
No erosion.

**ANNUAL MINESITE SEDIMENTATION POND
CERTIFICATION -- 1994**

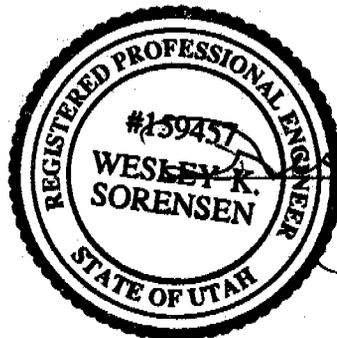
An inspection of Southern Utah Fuel Company's Minesite Sediment Pond was conducted by Wesley K. Sorensen, P.E. on December 19, 1994.

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 level in the pond during the inspection was 7414.2 ft, which is 4 ft below the standpipe spillway elevation. An additional 0.73 acre-ft of storage volume was available in the pond above the current water level. The sediment level in the pond was at 7405 ft, which was below the 60% sediment level (7408.9 ft). A Copy of the field notes are attached.

I certify that the above description accurately represents the condition of the Minesite Sediment Pond as observed during my inspection on December 19, 1994.



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

WKS:kb

Attachment

2/27/92 MLD

SOUTHERN UTAH FUEL COMPANY

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

Inspector Wesley K. Sorenson Date 12/19/94

1. Dam Structural Weakness

A. Cracks or scarps on crest Yes No

B. Cracks or scarps on slope Yes No

C. Sloughing or bulging on slope Yes No

2. Major Erosion Problems Yes No

Minor erosion of fill slope above dam
No significant change from last year

3. Surface Movements of Surrounding Slopes Yes No

4. Visible Sumps or Sinkholes in Slurry Surface Yes No

Ice covered

5. Clogging

A. Spillway channels and pipes Yes No

Functional & in as-design condition

B. Decant System Yes No
locked.

C. Diversion ditches Yes No

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. Other Comments
Clear, 35°F All slopes ^{dam} clear of snow

