



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

0069

September 30, 1999

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

ACT/04/002 #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.

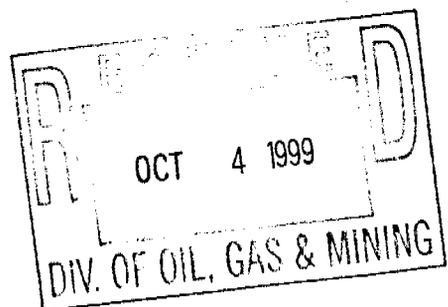
Sincerely,
CANYON FUEL COMPANY, LLC
SUFCO Mine

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

WKS:kb

cc: DOGM Sediment Pond Inspection File

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**ANNUAL MINESITE SEDIMENTATION POND
CERTIFICATION -- 1999**

An inspection of Canyon Fuel Company's SUFCO Minesite Sediment Pond was conducted by Wesley K. Sorensen, P.E. on September 29, 1999.

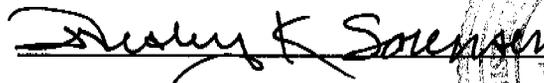
No signs of structural weakness of the dam or surrounding slopes were observed.

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

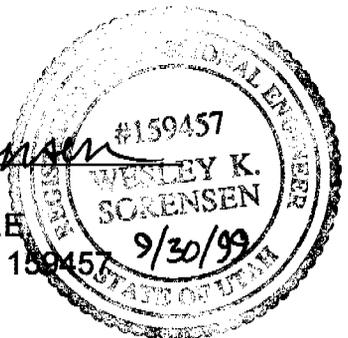
The water in the pond was at an elevation of 7417.07, which is 1.08 ft below the standpipe spillway elevation. An additional 0.224 acre-ft of storage volume was available in the pond above the current water level. The sediment level in the pond just north of the decant structure was at 7407.7. This elevation is 1.2 ft below the 60% sediment level. A total of 0.102 acre-ft of sediment storage is available in the pond before reaching the 60% clean out level.

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 September 29, 1999.



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



WKS:kb

Attachment

**ANNUAL WASTE ROCK SEDIMENTATION POND
CERTIFICATION -- 1999**

An inspection of Southern Utah Fuel Company's Waste Rock Sediment Pond and associated Decant Impoundment was made on September 29, 1999 by Wesley K. Sorensen, P.E.

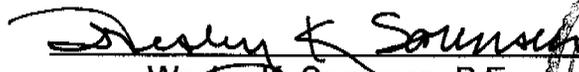
No signs of structural weakness of the sediment pond dam or decant impoundment dam were observed.

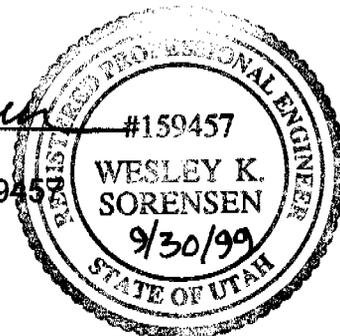
The diversion ditches, spillways and decant devices are in as-constructed condition and are functional.

Water was present in the pond at a depth of 0.6 ft at the north end of the pond. The water level in the pond was at an elevation of 7885.25 ft. There is about 1.8 acre-ft of storage capacity above the present water level. The sediment level at the north end of the pond was at an elevation of 7884.65 ft. The 60% sediment level for the pond is at 7885.15 ft. There is an additional 0.5 ft of depth in the pond or about 0.06 acre-ft before the clean out level is reached. 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

**ANNUAL WASTE ROCK DISPOSAL SITE
CERTIFICATION -- 1999**

An inspection of Southern Utah Fuel Company's Waste Rock Disposal Site was made by Wesley K. Sorensen, P.E. on September 29, 1999.

The pad of the fourth cell has active dimensions of about 225 ft x 125 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. Slopes are constructed such that water cannot collect against the toe.

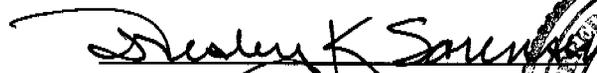
No fires have occurred at the site since it was constructed and none were observed during the inspection.

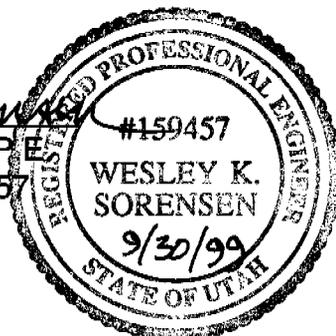
No significant erosion was observed.

A copy of the field notes is attached.

Vegetation is growing abundantly on cells 1 and 2 and consists of grass, brush and forbes. Cell 3 has a good crop of forbes with some grass plants.

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

Sunny 50°F
Calm

2-27-92 MLD

CANYON FUEL COMPANY - SUFCO MINE

Coal Refuse Piles ^{Annual} ~~Quarterly~~ Inspection Report

Inspector Wesley K Sorensen Title P.E.

Date 9/29/99 Permit # ACT/041/002

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

2. Lift Thickness (inches) 18-24"

3. Compaction Active Pad cell 4 ± 125'x225' Yes No

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

5. Angle of Slope (degrees) cell 4 W 20° ± S-N/A

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

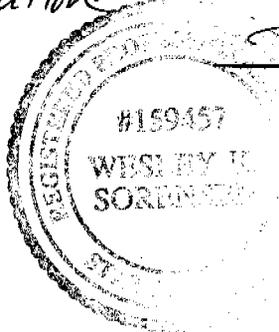
7. Cracks or Scarps (location and size) Yes No
None

8. Major Erosion Problems (location and extent) Yes No

9. Water Impounding Against Toe Yes No
Draining to cement ditch

10. Any appearance of instability, structural weakness or other hazardous conditions Yes No

11. cell 3 vegetation - lots of forbes
cells 1 & 2 good vegetation - grass, brush, forbes
cell 2 best vegetation



Wesley K Sorensen

Wesley K. Sorensen, P.E.

Registration No. 159457

State of Utah

Sunny 50°F
calm

2/27/92 MLD

CANYON FUEL COMPANY - SUFCO MINE

Rock Waste Sediment Pond ^{Annual} Quarterly Inspection Report

Inspector Wesley K Sorensen P.E. Date 2/29/99

1. Dam Structural Weakness

A. Cracks or scarps on crest Yes No

None

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

4. Visible Sumps or Sinkholes in Slurry Surface Yes No

Water in pond 0.6 ft

5. Clogging

A. Spillway channels and pipes Yes No

clear

B. Decant System ___ Yes No
locked

C. Diversion ditches ___ Yes No
clear

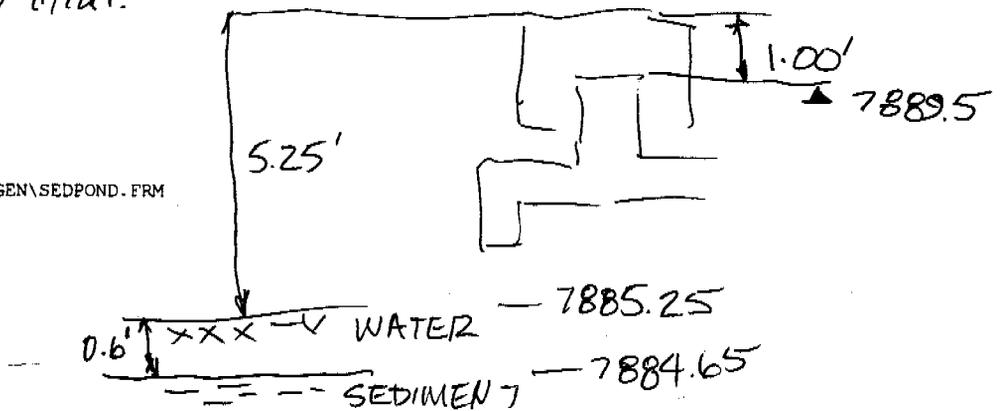
6. Seepage (Specify Location, Color and Approx. Volume) ___ Yes No
None observed

7. Any appearance of instability, structural weakness, or other hazardous conditions ___ Yes No

8. Other Comments
Small delta of rock waste below east diversion ditch. Estimate volume 200ft³ max

Decant pond okay, No erosion, no structural weakness spillway clear.

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Sunny 50°F
calm

2/27/92 MLD

CANYON FUEL COMPANY - SUFCO MINE

Minesite Sediment Pond ^{Annual} Quarterly Inspection Report

Inspector Wesley K Sorensen, P.E. Date 9/29/99

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

Gullies in fill slope above pond

3. Surface Movements of Surrounding Slopes Yes No

4. Visible Sumps or Sinkholes in Slurry Surface Yes No

Water in pond

5. Clogging

A. Spillway channels and pipes Yes No

Weir level

Spillway clear

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 observed

8. Weir level

Yes ___ No

9. Other Comments

small amount of water coming from by pass
CMP under pond less than 5 gpm. Clear
water

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