



**Canyon Fuel Company, LLC**  
SUFCO Mine  
397 South 800 West  
Salina, Utah 84654  
(435) 286-4880 Fax: (435) 286-4499

October 18, 2005

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

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

John D. Byars, P.E.  
Technical Services Manager

JDB:kb

cc: DOGM Sediment Pond Inspection File  
Mike Davis  
Craig Hilton

RECEIVED  
OCT 31 2005

DIV. OF OIL, GAS & MINING

**ANNUAL MINESITE SEDIMENTATION POND  
CERTIFICATION -- 2005**

John D. Byars, P.E. on October 06, 2005, conducted an inspection of Canyon Fuel Company's SUFCO Minesite Sediment Pond.

There were no signs of structural weakness in the area of the sediment pond.

The fill slope above the pond was eroded with some minor gullies in random locations. There were no signs of instability of the fill slope.

The decant structure appeared to be functional and the decant valve was locked.

The water in the pond was at an elevation of 7418.13, which is at the standpipe spillway elevation. About an additional 0.29 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 7409.23. This elevation is 0.13 ft above the 60% sediment level.

A copy of the field notes is attached.

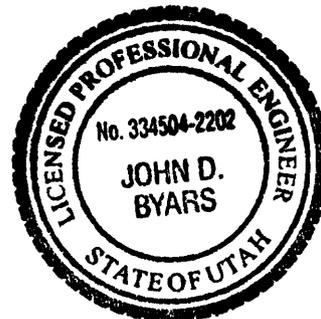
I certify that the above description accurately represents the condition of the Minesite Sediment Pond as observed during my inspection on October 06, 2005.



John D. Byars, P.E.  
Registration No. 334504  
State of Utah

JDB:kb

Attachment



10-21-05

**ANNUAL WASTE ROCK SEDIMENTATION POND  
CERTIFICATION -- 2005**

John D. Byars, P.E. made an inspection of Canyon Fuel Company's SUFCO Mine Waste Rock Sediment Pond and associated Decant Impoundment on October 06, 2005.

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

The spillways and decant devices are in good condition and are functional.

The sediment level at the northeast end of the pond about was at an elevation of 7883.70 ft. The sediment level in the middle of the pond about 25 ft south of the north bank was at an elevation of 7882.70 ft. The 60% sediment level for the pond is at 7885.15 ft. There is an additional 2.45 ft of depth in the pond before the clean out level is reached. An additional 6.80 ft of depth is available in the pond before it would discharge through the primary spillway.

No sediment or water was observed in the decant impoundment.

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

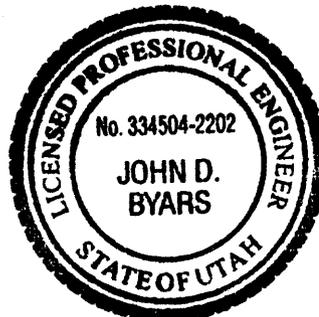
I certify that the above description accurately represents the condition of the Waste Rock Sedimentation Pond and Decant Impoundment observed during the inspection conducted on October 06, 2005.



John D. Byars, P.E.  
Registration No. 334504  
State of Utah

JDB:kb

Attachment



10-21-05

**ANNUAL WASTE ROCK DISPOSAL SITE  
CERTIFICATION -- 2005**

John D. Byars, P.E. on October 06, 2005, made an inspection of Canyon Fuel Company's SUFCO Mine Waste Rock Disposal Site.

The pad of the fourth cell has active dimensions of about 250 ft x 110 ft. No end-dumped 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 (26.5°) on the south and west slope. Slopes are constructed such that water cannot collect against the toe.

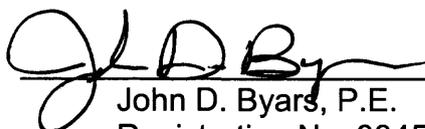
No fires have occurred at the site since it was constructed and none were observed during the inspection.

No significant erosion was observed at the time of inspection.

A copy of the field notes is attached.

Vegetation is growing abundantly on cells 1, 2, and 3 and consists of grass, brush and forbes.

I certify that the above description accurately represents the conditions observed at the Waste Rock Disposal Site during my inspection conducted October 06, 2005.

  
John D. Byars, P.E.  
Registration No. 334504  
State of Utah

JDB:kb

Attachment



10-21-05

2/27/92 MLD

CANYON FUEL COMPANY - SUFCO MINE

Rock Waste Sediment Pond <sup>Annual</sup>~~Quarterly~~ Inspection Report

Inspector John D. Byers Date 10-6-05

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  
Small amount of water from south end of pond.
5. Clogging
  - A. Spillway channels and pipes  Yes  No  
Clear never used.

B. Decant System

\_\_\_ Yes X No

Loosed

C. Diversion ditches

\_\_\_ Yes X No

Depositional delta in pond east ditch

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

\_\_\_ Yes X No

None observed

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

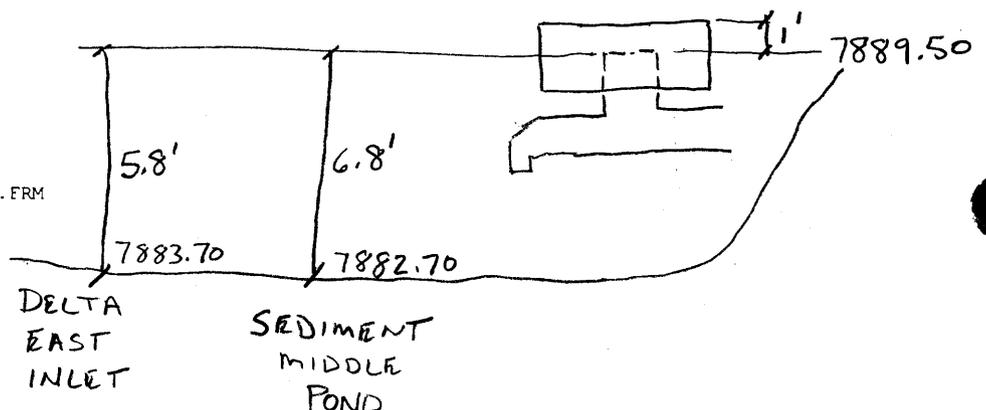
\_\_\_ Yes X No

None observed

8. Other Comments

Pond looks good no evidence of discharge. Decent pond okay. No erosion, No structural weakness, spillway clear - need to spray rabbit brush in spillway

P:\WP1999\MLD\GEN\SEDPOND.FRM



CANYON FUEL COMPANY - SUFCO MINE

Coal Refuse Piles <sup>annual</sup> ~~Quarterly~~ Inspection Report

Inspector John D. Byars Title PE

Date 10-6-05 Permit # ACT/041/002

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

2. Lift Thickness (inches) 18/24"

3. Compaction yes - Dozer / Haul trucks  Yes  No

4. Burning (specify extent and location)  Yes  No

None observed

5. Angle of Slope (degrees) S 19-25° W 19-25°

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

None observed

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

None observed

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

minor erosion on grain of East - South end. need to be repaired.

9. Water Impounding Against Toe  Yes  No

none observed

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

none observed.

John D. Byars

John D. Byars, P.E.

Registration No. 334504-2202

State of Utah

E. Decant System  Yes  No

Clear valve locked  
Oil skimmer is working

C. Diversion ditches  Yes  No

Clear  
Access road ditch needs to be repaired

6. Seepage (Specify Location, Color and Approx. Volume)  Yes  No

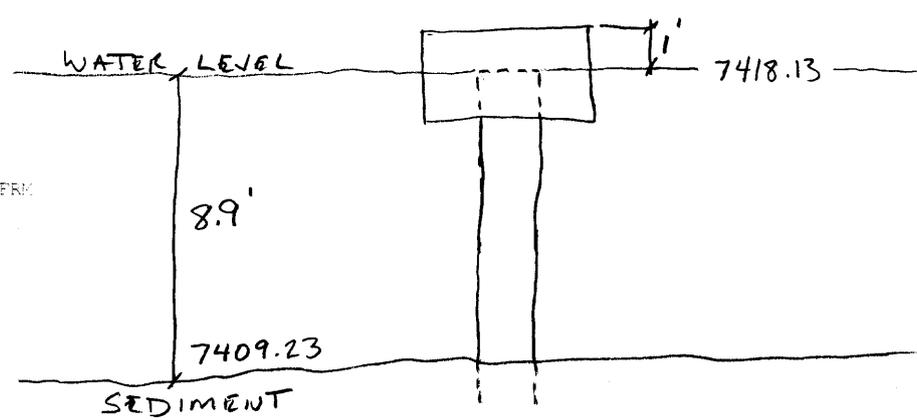
None observed

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

None observed

8. Weir level  Yes  No

9. Other Comments  
See weir level



2/27/92 MLD

CANYON FUEL COMPANY - SUFCO MINE

2:20 pm  
68°  
Clear

Minesite Sediment Pond <sup>annual</sup> ~~Quarterly~~ Inspection Report

Inspector John D. Byars Date 10-6-05

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

gullies forming on slope above pond  
minor erosion on dam face and west slope interface

3. Surface Movements of Surrounding Slopes  Yes  No  
none observed.

4. Visible Sumps or Sinkholes in Slurry Surface  Yes  No  
water at discharge level.

5. Clogging

A. Spillway channels and pipes  Yes  No  
Clear - No problems observed. water flowing  
from pond through Primary drainage