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**Canyon Fuel Company, LLC**  
SUFCO Mine  
597 South SR 24  
Salina, Utah 84654  
(435) 286-4880 Fax: (435) 286-4499

*C/041/002 Incoming  
CC: Karl H.*

*K*

September 21, 2009

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

A handwritten signature in black ink, appearing to read 'John D. Byars'.

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

JDB:kb

cc: DOGM Sediment Pond Inspection File  
Mike Davis

**RECEIVED**  
**OCT 05 2009**

**DIV. OF OIL, GAS & MINING**

**ANNUAL WASTE ROCK DISPOSAL SITE  
CERTIFICATION -- 2009**

John D. Byars, P.E. on September 17, 2009 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 220 ft x 200 ft. Three 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.

The base of the 5<sup>th</sup> cell has been started. The 4<sup>th</sup> cell is mostly complete. Topsoil and subsoil piles are being prepared to cover the 4<sup>th</sup> cell.

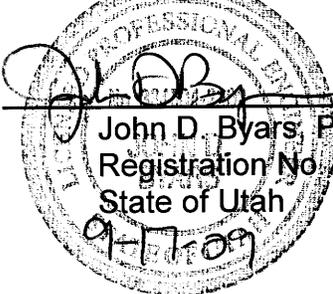
No fires have occurred at the site since it was constructed and none were observed during the inspection.

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 September 17, 2009.

  
\_\_\_\_\_  
John D. Byars, P.E.  
Registration No. 334504  
State of Utah  
9-17-09

JDB:kb

Attachment

CANYON FUEL COMPANY - SUFCO MINE

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

Inspector John D. Byars

Title manager of Tech Services

Date 9-17-09

Permit # ACT/041/002

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

2. Lift Thickness (inches) 18"-24"

3. Compaction Dozer Track  Yes  No

4. Burning (specify extent and location)  Yes  No

None observed

5. Angle of Slope (degrees) South 19-25° West 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

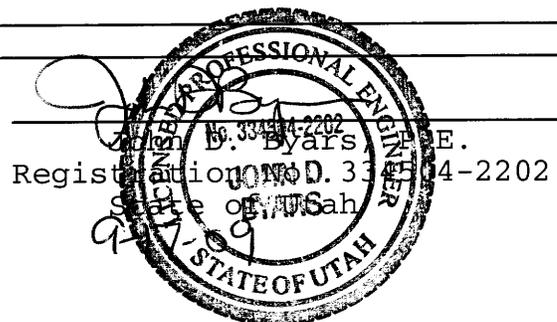
minor erosion on south slope

9. Water Impounding Against Toe  Yes  No

None observed

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

None observed



**ANNUAL WASTE ROCK SEDIMENTATION POND  
CERTIFICATION -- 2009**

John D. Byars, P.E. made an inspection of Canyon Fuel Company's SUFCO Mine Waste Rock Sediment Pond and associated Decant Impoundment on September 17, 2009.

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

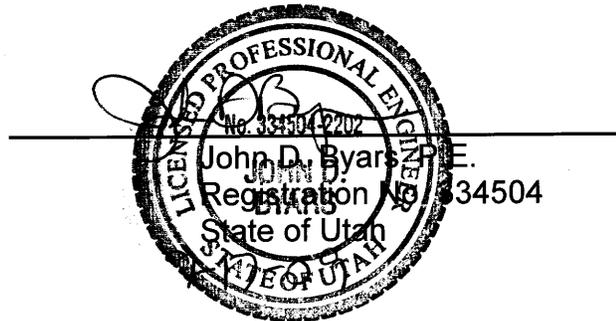
The spillways and decant devices are in good condition and are functional.

The sediment level at the northeast end of the pond about was at an elevation of 7883.50 ft. The sediment level in the middle of the pond about 25 ft south of the north bank was at an elevation of 7883.60 ft. The 60% sediment level for the pond is at 7885.15 ft. There is an additional 2.50 ft of depth in the pond before the clean out level is reached. An additional 6.00 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 September 17, 2009.



JDB:kb

Attachment

2/27/92 MLD

CANYON FUEL COMPANY - SUFCO MINE

Rock Waste Sediment Pond ~~Quarterly~~ Inspection Report  
*Annual*

Inspector John D. Byars Date 9-17-89

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  
minor erosion on south facing slope
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  
Never used - clear

B. Decant System  Yes  No

Clear - Valve Locked

C. Diversion ditches  Yes  No

minor grass on edges - No obstructions

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

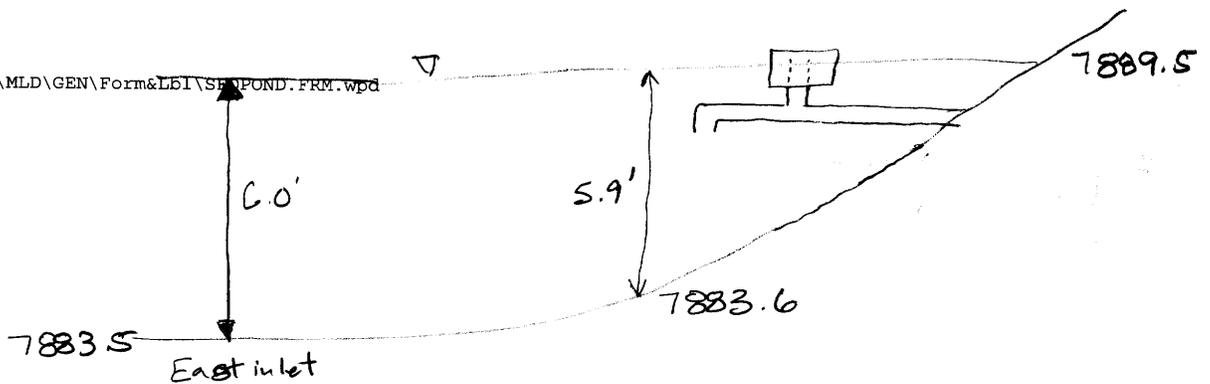
8. Other Comments

No evidence of discharge

Decant Pond OK - No erosion, no structural weakness

Spillway Clear

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**ANNUAL MINESITE SEDIMENTATION POND  
CERTIFICATION -- 2009**

John D. Byars, P.E. on September 17, 2009, 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 7406.63. This elevation is 1.47 ft below 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 September 17, 2009.



JDB:kb

Attachment

2/27/92 MLD

CANYON FUEL COMPANY - SUFCO MINE

Minesite Sediment Pond ~~Quarterly~~ Inspection Report  
Annual

Inspector John D. Byars Date 9-17-09

1. Dam Structural Weakness

A. Cracks or scarps on crest \_\_\_ Yes X No

None observed

B. Cracks or scarps on slope \_\_\_ Yes X No

None observed

C. Sloughing or bulging on slope \_\_\_ Yes X No

None observed

2. Major Erosion Problems \_\_\_ Yes X No

Minor gullies forming on west slope No change from 2007

3. Surface Movements of Surrounding Slopes \_\_\_ Yes X No

None observed

4. Visible Sumps or Sinkholes in Slurry Surface \_\_\_ Yes X No

None observed

5. Clogging

A. Spillway channels and pipes \_\_\_ Yes X No

clear - no issues observed. Water flowing from pond to primary drainage

B. Decant System  Yes  No

clear, Valve 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

None observed

8. Weir level

Yes  No

9. Other Comments

There is some minor erosion on the road to the pond:

See Weir Level

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