

October 4, 2011

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 Primary Sedimentation Pond, Minesite Sedimentation Overflow 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:jn

cc: DOGM Sediment Pond Inspection File  
Mike Davis

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**ANNUAL MINESITE PRIMARY SEDIMENTATION POND  
CERTIFICATION -- 2011**

John D. Byars, P.E. on September 30, 2011, conducted an inspection of Canyon Fuel Company's SUFCO Minesite Primary 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 standpipe spillway in the pond is at an elevation of 7,418.15. The water elevation is at 7,408.5. Approximately an additional 0.29 acre-ft. of storage volume was available in the pond above the current standpipe spillway level. The sediment level in the pond just north of the decant structure was at 7,402.25. This elevation is 5.85 ft. below the 60% sediment level.

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 September 30, 2011

  
JOHN D. BYARS, P.E.  
Registration No. 334504  
State of Utah

JDB;jn

Attachment

**ANNUAL MINESITE SEDIMENTATION OVERFLOW POND  
CERTIFICATION -- 2011**

John D. Byars, P.E. on September 30, 2011 conducted an inspection of Canyon Fuel Company's SUFCO Minesite Sediment Overflow Pond.

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

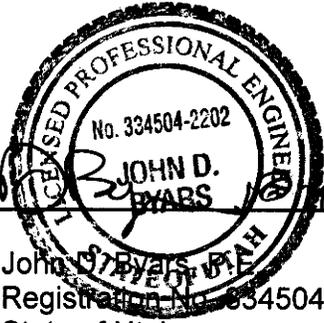
The fill slope above the pond was eroded with some minor gullies in random locations. There were no signs of instability of the fill slope.

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

The water in the pond was at an elevation of 7,252.5, which is at the standpipe spillway elevation. The sediment level in the pond just north of the decant structure was at 7,238.5. This elevation is 5.12 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 30, 2011

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

JDB:jn

Attachment

**ANNUAL WASTE ROCK SEDIMENTATION POND  
CERTIFICATION -- 2011**

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 30, 2011.

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

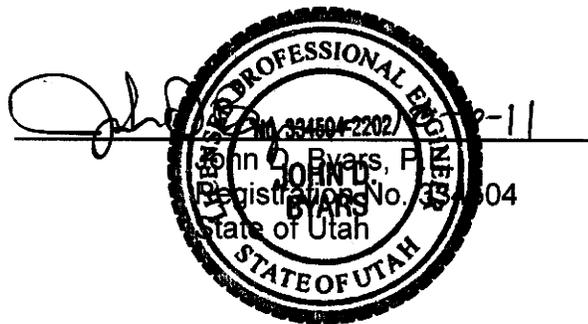
The spillways and decant devices are in good condition and are functional.

The sediment level in the middle of the pond about 25 ft south of the north bank was at an elevation of 7,884.6 ft. The 60% sediment level for the pond is at 7885.15 ft. There is an additional 0.55 ft. of depth in the pond before the clean out level is reached. An additional 5.00 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 30, 2011



JDB:jn

Attachment

**ANNUAL WASTE ROCK DISPOSAL SITE  
CERTIFICATION -- 2011**

John D. Byars, P.E. on September 30, 2011 made an inspection of Canyon Fuel Company's SUFCO Mine Waste Rock Disposal Site.

The pad of the fifth cell has active dimensions of about 160 ft. x 180 ft. 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-7 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 5<sup>th</sup> cell has been started.

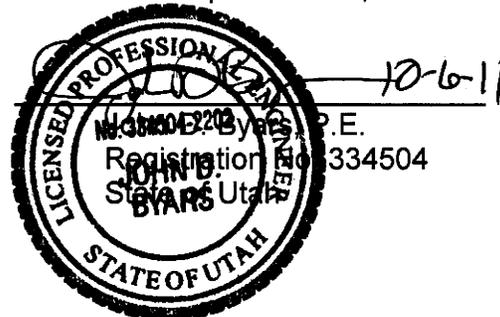
No fires have occurred at the site since it was constructed and none were observed during the inspection.

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, 3 and 4. The Vegetation 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 30, 2011



JDB:jn

Attachment

09/09/10 MLD

CANYON FUEL COMPANY - SUFCO MINE

Minesite Primary Sediment Pond Annual Inspection Report

Inspector John Buars Date 9-30-11

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 gullies forming on west 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

clear - no issues - pond is only partially full due to pond being cleaned in September

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

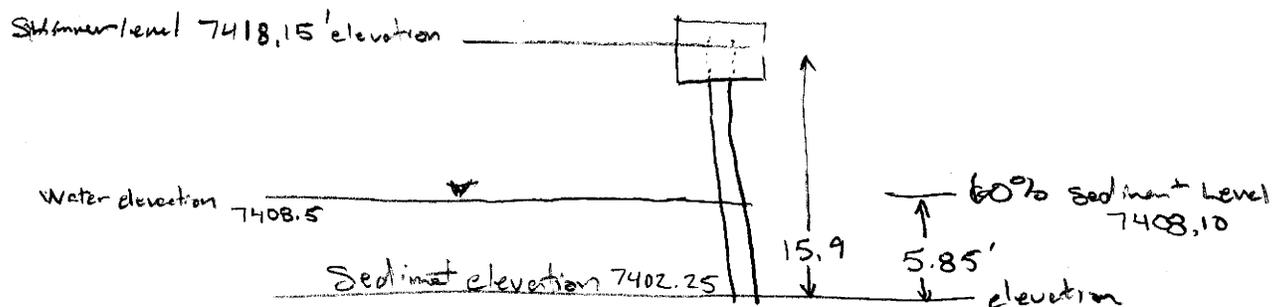
Yes  No

9. Other Comments

The Road looks good.

The pond was just cleaned in september. The pond is currently filling.

10. Drawing



CANYON FUEL COMPANY - SUFCO MINE

Minesite Sediment Overflow Pond Annual Inspection Report

Inspector John D Byers Date 9-30-11

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

None observed

B. Decant System  Yes  No

none observed

C. Diversion ditches  Yes  No

None Observed

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

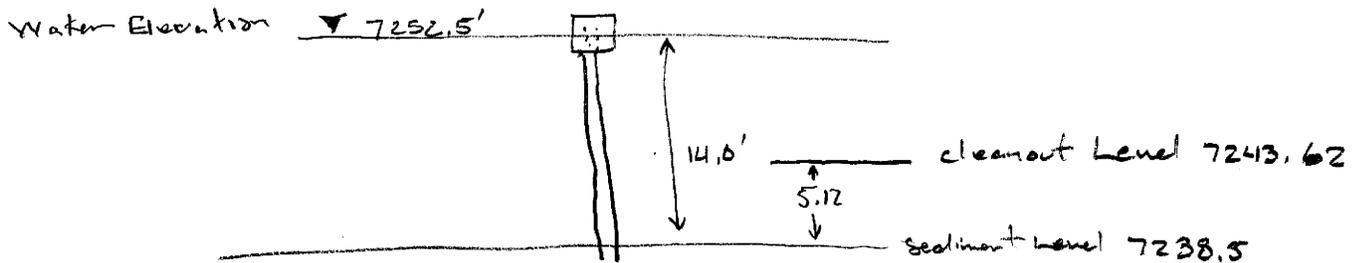
8. Weir level

Yes  No

9. Other Comments

None

10. Drawing



CANYON FUEL COMPANY - SUFCO MINE

Coal Refuse Pile Annual Inspection Report

Inspector John D. Byars Title Engineering Manager

Date 9-30-11 Permit # ACT/041/002

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

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

3. Compaction Power  Yes  No

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

5. Angle of Slope (degrees) 14 degrees

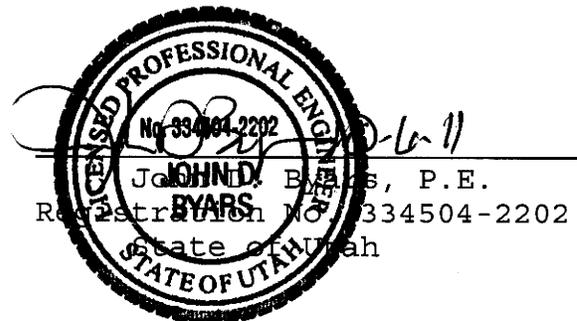
6. Seepage (specify location, color, & appr. volume)  Yes  No  
None observed

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

8. Major Erosion Problems (location and extent)  Yes  No  
None observed

9. Water Impounding Against Toe  Yes  No  
None observed

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



09/09/10 MLD

CANYON FUEL COMPANY - SUFCO MINE

Rock Waste Sediment Pond Annual Inspection Report

Inspector John D. Byers Date 9-30-11

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 - never used
  - B. Decant System  Yes  No  
clear - valve blocked

C. Diversion ditches  Yes  No

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

Pond is planned to be clean in October.

10. Drawing

