

### Document Information Form

Mine Number: C/015/018

File Name: Internal

To: DOGM

From:

Person N/A

Company N/A

Date Sent: March 25, 1983

Explanation:

Inspection Memo

cc:

File in: C/015/018 Internal

Refer to:

- Confidential
- Shelf
- Expandable

Date \_\_\_\_\_ For additional information

March 25, 1983

Inspection Memo  
to Coal File:

RE: Utah Power & Light Co.  
Deer Creek Mine  
ACT/015/018-A  
Folder No. 7  
Emery County, Utah

On February 16, 1983 the above mentioned minesite was given a partial inspection by Division Inspector David Lof. The site was visited twice in that day, once in the morning at approximately 9:00 with Tom Faucheux of Emery Mining Corporation and in the afternoon at approximately 2:30 P.M. with Larry Guymon of Emery Mining Corporation. In the morning it was mostly clear and cold with some residual snowfall on the pad and in the afternoon it was still clear and had warmed up considerably allowing snowmelt.

9:00 A.M.

The disturbed area runoff drop drains on the shop warehouse pad appeared to be plugged with ice and snow. The slotted drain across the main access road appeared to be functioning properly.

Temporary sediment control measures had been implemented at the C1-C2 transfer point as required by NOV N83-4-1-1. A straw bale dike had been placed across the top of the access road, this appeared to be cosmetic in that I could see where runoff had gone under the straw bales. I asked Mr. Faucheux to have the straw bales set into the ground so that runoff would have to pass through the bales rather than being able to go under or around them. A straw bale dike had also been placed at a drainage point from the transfer point northeast of the transfer structure, these also appeared to be cosmetic.

2:30 P.M.

Upon returning to the site in the afternoon with Mr. Guymon we found that water was flowing off-site from the transfer point at approximately 10 to 15 gallons per minute. The runoff was passing under the straw bale filters, down the access road to the transfer point, and then into a ditch which runs along the north side of the mine access road for approximately 700 feet at which point the road crosses Deer Creek and the runoff enters the stream. A water sample was taken of the water flowing down the access road to the C1-C2 transfer point. Subsequent analysis by the Utah State Department of Health indicated a TDS of 830 mg/l and a TSS of 28,940 mg/l. In an attempt to determine approximately what percent of these suspended solids were coal fines

File in:

- Confidential
- Shelf
- Expandable

Refer to Record No. 0025 Date 3-25-83

In C/ 015, 018, Internal

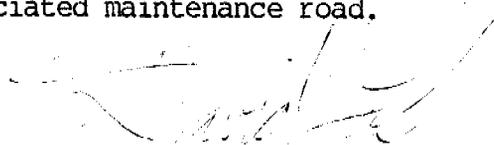
For additional information \_\_\_\_\_

Inspection Memo to Coal File  
ACT/015/018-A  
March 25, 1983  
Page Two

the amount of Volatile Suspended Solids was analyzed and it indicates 7,885 mg/l of Volatile Suspended Solids. A sample was also taken from the ditch which runs along the north side of the mine access road immediately below its confluence with the runoff from the C1-C2 transfer point. TSS was 33,500 mg/l and TDS was 1,288 mg/l.

Runoff from the conveyor and its associated access road was being conveyed down along the access road and entering Deer Creek below the inverted "U" support for the conveyor numbered 36. A sample of this runoff was taken where it entered Deer Creek, analysis of the sample indicated a TSS of 1,910 mg/l and TDS of 180 mg/l. The flow along the access road was approximately 5 to 10 gallons per minute.

Continuing down along the conveyor maintenance road Mr. Guymon and I noted several other areas where runoff from the conveyor and associated maintenance road was entering Deer Creek. It was obvious that none of the runoff from this corridor entering Deer Creek would meet state and federal water quality effluent limitations. Because of this Notice of Violation N83-4-1-1 issued on January 13, 1983 was modified on February 18, 1983 to include the C2 portion of the overland conveyor and its associated maintenance road.



DAVID LOF  
FIELD SPECIALIST

DL/lm

cc: Tom Ehmett, OSM  
Larry Guymon, Emery Mining Corporation  
Joe Helfrich, DOGM

Statistics:

See Wilberg Mine memo dated March 25, 1983.