

0015

Document Information Form

Mine Number: C/015/018

File Name: Internal

To: DOGM

From:

Person N/A

Company N/A

Date Sent: June 28, 1983

Explanation:

Inspection Memo

cc:

File in: C/015/018, Internal

Refer to:

- Confidential
- Shelf
- Expandable

Date _____ For additional information

June 28, 1983

Inspection Memo
to Coal File:

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

On June 16, 1983 a partial inspection of the Deer Creek Mine was conducted by Ken Wyatt of the Division. Larry Guymon of Emery Mining Company accompanied this inspector at the mine. The weather was clear, warm and breezy.

At the time of this inspection the sediment controls for the conveyor system and transfer points were being constructed. the majority of the work had already taken place with the exception of two creek crossings directly below the sediment pond and the installation of the silt fencing at the outlet of the water bars. The 90 day abatement deadline for this NOV expires on June 28, 1983.

During this inspection it was noted that a certain section of the C2 conveyor, did not have sediment controls as it crosses Deer Creek. Upon further investigation it was discovered that no plans had been made to provide sediment control for this area. The unprotected conveyor section between IU 36 and IU 37 presents the same sediment and coal contamination problems as addressed in NOV 83-4-1-1. After returning to the office and examining the sediment control plans, plate II: coal conveyor and access road drainage map #CM-10493-DR submitted on May 31, 1983 it appears as though the existing 48 inch culvert below the conveyor access road extends below the conveyor providing protection. This is not the case in reality, therefore NAOC #83-7-1-1 was issued to encourage sediment control to be provided here.

Mr. Guymon was contacted on Monday, May 20, 1983 to discuss this concern. The nature of the concern was the C2 portion of conveyor system where conveyor crosses Deer Creek without protection from coal fine deposition into Deer Creek. This could lead to additional contributions of suspended solids into Deer Creek. The portion of the operation to which this notice applies was the conveyor C2 section between inverted U #36 and inverted U #37. Compliance action required that protection of Deer Creek from coal fine deposition off of the C2 conveyor section be provided. A 30 day deadline was agreed upon for this concern, therefore no later than July 19, 1983. Mr. Guymon committed to doing this culvert extension work within this timeframe.

The installation of the Deer Creek arch culvert under the conveyor was being conducted at this time. The need for access along the southeast side of

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the conveyor directly below the sediment pond and above the 8 foot arch culvert was discussed with the operator. In order to access the conveyor to install the 6" round culvert that drains any sediment pond discharge below the conveyor the operator needed to grade a wider road between the conveyor and the hillside. This regrading would disturb a small portion of the existing hillside however, this area is on the permit area and will be needed in the future to provide access to the conveyor for maintenance, to provide a means of sediment control along the conveyor and to provide an access to the sediment pond for cleaning and maintenance. This work was okayed by this inspector as long as the work is conducted in a manner to control erosion and sedimentation and the disturbed slopes are regraded and seeded to stabilize them. Mr. Guymon committed to doing this work in an environmentally sound manner. Future inspections will assess the quality of this work.

A concern was noted on the northern side of the ROM conveyor. Several areas along the conveyor were observed where water had flowed downslope eroding the ROM bench and downslopes. This was discussed with Mr. Guymon at which time he stated that during the miner's vacation (July 9 - 24, 1983) the conveyor line is slated to be removed. The conveyor pad is then going to be regraded to promote drainage to the south where it would be conveyed in a ditch to the disturbed area culverting system. A berm will be constructed along the northern side of the conveyor line to prevent drainage onto the downslopes. The old erosion gullies should be backfilled and revegetation attempted this fall.

The main fork of Deer Creek was flowing well above the capacity of the flume installed above the undisturbed bypass inlet. Elk Canyon was flowing about 1 CFS.

No compliance problems were observed.

KEN WYATT *KW*
FIELD SPECIALIST

KW/lm

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

Statistics:

See UP&L's Church Mine memo dated June 28, 1983.
Grant: A & E