Document Information Form

Mine Number: C/015/019

File Name: Internal

To: DOGM

From:

Person N/A

Company N/A

Date Sent: September 10, 1980

Explanation:

Memo TO Coal File.

cc:

File in:
C/ 015, 019, Internal
Refer to:
- ☐ **Confidential**
- ☐ **Shelf**
- ☐ **Expandable**

Date _____ For additional information

September 10, 1980

Memo to Coal File:

RE: Utah Power & Light Wilberg Mine
ACT/015/018B
Emery County, Utah

The Division has submitted the following comments in reference to plans as abatement measures submitted July 3, 1980, for Notice of Violation 80-5-3-7 issued April 9, 1980, during the joint Federal-State inspection of the area.

Engineering

1. The stability analysis must be accomplished in any critical areas. Two to one slopes are acceptable. The plans should be certified.

2. Should show a longitudinal cross section of Area 2.

3. What is proposed for final reclamation in Sites 2 and 3?

4. What steps will be taken to insure that Area 2 will be nonimpounding?

5. What is the foundation material in Area 2? Does UP&L see some need for the foundation material for final vegetation or as construction material? Is this material suitable as a foundation material?

6. What is the nature of the material?

   A. Percent coal
   B. The specific gravity
   C. Gradation
   D. Resistance to weathering
   E. Nontoxic (show analysis)

7. Has a MSHA permit been issued for the site?

8. Show the corss section and profiles of water diversion and stability of compacted berms.

9. What construction techniques will be used--compaction, underdrains, filters, removal of brush, toe butresses, key ways, etc?

10. From the map, it appears that flows from the sidehills are expected. What are these flows and size of areas contributing?

File in:
❑ Confidential
❑ Shelf
❑ Expandable
Refer to Record No 0006 Date
In C/ 015, 019, Internal
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10. From the map, it appears that flows from the sidehills are expected. What are these flows and size of areas contributing?

Hydrology

1. Show calculations for the 10 year, 24-hour event.

2. Acreage in the volume of Area 2 after compliance work has been completed.

3. Adequate sizing of sediment berm spillway for 25 year, 6- or 25-hour events, whichever is greater.

4. Type of material used in construction of sediment berm.

   A. Detail of drawings of sediment berm depicting size, cross sections and spillway.

5. Description of drainage ditches implemented to divert runoff to sediment berm, i.e., erosion deterrent structures or material used in construction of ditches, to insure a maximum runoff velocity of 5 feet/second.

Final Reclamation

1. Permittee should address revegetation, i.e., seed mix, including species composition list, site preparation, method and rate of application.

JOSEPH C. HELFRICH
RECLAMATION SOILS SPECIALIST

cc: Don Crane, OSM, Denver
Larry Damarau, OSM, Denver
Merrill Heward, Utah Power & Light
Larry Guymon, Emery Mining Corporation

JCH/btm