

October 1, 1985

TO: Coal File, Inspection and Enforcement Folder
 FROM: Barton D. Kale, Mining Field Specialist *BOX*
 RE: Consolidation Coal Company, Emery Deep Mine, ACT/015/015,
Folder #7, Emery County, Utah

DATE: September 12, 1985
TIME: 12:45 p.m. - 4:00 p.m.
WEATHER: Heavy rain
COMPANY OFFICIAL: Ron Thompson
STATE OFFICIALS: Barton Kale, Dave Hooper
ENFORCEMENT ACTION: None

Compliance with Permanent Performance Standards

UMC 771 et al Permits

All applicable permits were available upon request.

UMC 817.11 Signs and Markers

The mine entrance sign was posted as requested, as were perimeter markers.

UMC 817.21-.25 Topsoil

No topsoil problems were noted at this time.

UMC 817.45 Hydrologic Balance

Most berms and ditches seemed to be functioning adequately during the rain. One culvert at the junction of the yard road to the bridge was partially blocked, and water was noted backing up. A follow-up conversation with the operator ensured that the problem was taken care of within 24 hours. The culvert was from disturbed area to disturbed area, and no imminent problem existed.

UMC 817.45 Hydrologic Balance: Sediment Ponds

The yard pond across the bridge was inspected and found to be satisfactory. No problems were noted.

The weather precluded inspection of the mine water pond at this time.

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The sediment pond that serves the area for the proposed preparation plant was inspected and found to be in need of maintenance again. The operator had just recently completed work to this pond, but the erodible nature of the soils makes this area a constant problem. At this time, water flow from the storm was undercutting the rock gabions at the inlet. Water was entering the pond, but the inlet stability was being threatened. This is a new problem, and the operator was made aware of his responsibilities. This pond serves no purpose at this time (due to the temporary cancellation of the preparation plant plans), and the inspector still maintains the recommendation that the area be reclaimed rather than maintained.

UMC 817.52 Surface and Ground Water Monitoring

The NPDES permit was available upon request, as were sediment pond inspection reports.

Water quality reports were available as recently as July 23, 1985.

The first samples for the volatiles study were inspected at this time. The collection of this data is designed to show if there is any measurable impact on the perennial stream from the raw coal pile. The data from June 24, 1985, shows a volatile measurement of 2.0 mg/l for both above and below, while the data from July 31, 1985, shows an increase from 12.0 mg/l to 16.0 mg/l. Further research indicates that a percentage of volatiles to total suspended solid would be a valuable measurement, and that data will be investigated upon the next inspection.

UMC 817.89 Disposal of Noncoal Wastes

The trash area is continuing to be maintained. There is no problem at this time.

dd

cc: Ron Thompson, Consolidation Coal
Donna Griffin, OSM
Joe Helfrich, DOGM
Sue Linner, DOGM
Ken May, DOGM

Statistics: See Sufco memo dated September 30, 1985

0343Q-18-19