

0012

December 3, 1984

TO: Coal File, Inspection and Enforcement
FROM: Barton Kale, Mining Field Specialist *BK*
RE: Southern Utah Fuel Company, Convulsion Canyon Mine,
ACT/041/002, Folder #7, Sevier County, Utah

DATE: November 14 1984
TIME: 10:00 a.m. - 1 p.m.
WEATHER: Clear
COMPANY OFFICIAL: Mike Davis
STATE OFFICIAL: Bart Kale
ENFORCEMENT ACTION: None

Compliance with Permanent Performance Standards

UMC 771 et al Permits

All applicable permits, approvals and plans were available as required.

UMC 817.11 Signs and Markers

All signs were posted as required. Perimeter markers were noted around the mine site.

UMC 817.11 Hydrologic Balance

During the reconstruction of the wall behind the office (which is now nearing completion) the drainage control will be changed on the parking pad (south of the office). The area previously sloped to the south and runoff was treated by the placement of a siltfence. The area has caused numerous problems in maintenance over the recent past. During the recent reconstruction it became feasible to raise that end of the packing pad, sufficiently to drain runoff back toward the north and into culvert leading to the sediment pond. The operator was informed of this responsibilities concerning notifying the Division permitting staff and gaining the appropriate approvals.

Some concern was raised by the inspector over the silt fence filter treating water drainage from the fan in the upper right hand drainage. The fan site is in the undisturbed diversion and during the past summer SUFCO installed a siltfence reinforced with strawbales to treat minor amounts of water (condensation) from within the fan housing. At this time the cold outside temperatures are causing larger amounts of water vapor to condense within the

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housing and more water is drawn into the diversion. At this time all water is passing through the treatment (siltfence) but the water level has increased to within a few inches of the top. Minor natural runoff or increased water flow could cause the system to overflow, leaving SUFCO liable for effluent limitations and regulations. It is unknown whether at this time increased maintenance of the silt fence would solve the problem (cleaning) or if the fence needs to be repositioned. The problem was discussed with Mr. Davis and he is aware of his responsibilities. A water sample of the undisturbed drainage will be tested for TSS and TDS.

The sediment pond was not discharging at this time although there was quite a bit of water stored. Some discussions on decanting were held.

The sediment trap discharge point (to pond) is now uncovered from the previous slide and is functioning.

UMC 817.52 Surface and Ground Water Monitoring

The NPDES permit (UT-0022918) was available upon request and has an expiration date of June 30, 1986. The receiving water is East Spring Canyon.

The latest water quality data was dated November 8, 1984 (sampled, October 12, 1984) and was available with no enforcement problems noted. Discharge point 003 had an iron level of 9.5 mg/l which is cause for concern although within legal limits. This site will be watched and sampled as long as it remains a potential problem.

Currently the direction of warehouse water is such that it is diverted into the sewer drain (bathouse).

UMC 817.99 Slides and Other Damages

The new retaining wall is almost finished, the area is being brought up to grade with additional fill. When completed, the substation will again be protected by stable ground.

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cc: Donna Griffin, OSM
Mike Davis, Southern Utah Fuel Company
Sue Linner, DOGM
Joe Helfrich, DOGM

Statistics:

Vehicle: EX45429, 414 miles
Per Diem: 1 person X 2 days = \$96.00
Grant: A&E
0038-Q-1-2