# Document Information Form

Mine Number: C/041/002

File Name: Internal

**To:** DOGM

**From:**

**Person** N/A

**Company** N/A

**Date Sent:** JUNE 7, 1983

**Explanation:**

INSPECTION MEMO TO COAL FILE.

**cc:**

**File in:**
C/ 041 , 002 , Internal
**Refer to:**
- ☐ **Confidential**
- ☐ **Shelf**
- ☐ **Expandable**

Date _____ For additional information

June 7, 1983

Inspection Memo
to Coal File:

RE: Southern Utah Fuel Company
Convulsion Canyon Mine
ACT/041/002
Folder No. 7
Sevier County, Utah

| | |
|---|---|
| DATE: | June 2, 1983 |
| TIME: | 11:30 A.M. - 3:30 P.M. |
| WEATHER: | Clear and warm |
| COMPANY OFFICIAL: | Mike Davis |
| STATE OFFICIAL: | John Whitehead |

Compliance With Permanent Performance Standards

UMC 771 et al Permits

The following permits and approvals were reviewed on-site:

1. A December 14, 1977 interim approval letter from the Division grants SUFCO the right to operate under the interim program.

2. A March 3, 1981 letter from the State Department of Health grants approval for the air quality control program for the Convulsion Canyon Mine.

3. Several special use permits have been obtained from the U. S. Forest Service for the following:

   a) The Guard shack, portion of the sediment pond, access road to the sediment pond and the trash storage area (issued 2/1/83).

   b) The leach field and water transmission line (amended 8/12/82).

   c) The microwave reflector tower (amended 8/6/82).

4. A water rights application is pending with the State Engineer's office for dust control and sanitary use at the minesite.

5. An August 23, 1982 letter from the State Department of Health approves the mine water discharge from the 5th North breakout.

6. A letter dated January 20, 1983 from Rick Summers of the Division grants final approval for the modification to construct a salt and sand storage area, a lump coal storage area, and a stoker coal storage area. The approval letter references a December 14, 1982 letter from Jim Smith which lays out 5 conditions as well as including 3 more conditions in the January 20th letter.

File in:
❑ Confidential
❑ Shelf
❑ Expandable
Refer to Record No 0008 Date 6-7-83
In C/ 041 , 002 Internal
For additional information

7. A letter dated May 13, 1983 from Pamela Grubaugh-Littig approves Bond #96-94-84 in the amount of $138,950.00 with the Highland's Insurance Company.

UMC 817.111 Signs and Markers

The mine entrance sign was in place at access points to the mine.

Perimeter markers were present and visible in most areas delineating the disturbed area.

Topsoil stockpile signs were in place as required.

UMC 817.21 - .25 Topsoil

The topsoil pile residing just south and slightly west of the sediment pond appeared to be in stable condition. The vegetation growth on the sideslopes of the pile appeared to be marginal on the northern side. This may need to be reseeded this fall.

UMC 817.41 - .51 Hydrologic Balance

A flash flood down the East Spring Canyon drainage had occurred only a few days before this inspection. A trash rack at the undisturbed inlet above the minesite for the East Spring Canyon drainage had been pulled down by debris in the flood. Additionally, significant erosion and cutting of the channel below the sediment pond at the culvert outlet for the Spring Canyon drainage had occurred. Additional rip-rapping for energy dissipation may be neccessary at the outlet end on the undisturbed diversion for the Spring Canyon.

A drop inlet near the trash bin located across from the guard house on the entrance road was in need of cleaning out as a maintenance item.

The small weir device has recently been installed at the culvert outlet from the sediment pond discharge pipe. SUFCO will use it to be able to gauge the flow coming out of the sediment pond more accurately.

The leach field located along the north fork of the Quitchpah Creek was inspected as this is a support facility for the mine and therefore falls under the jurisdiction of the Division. A significant amount of ponding appeared on the leachfield area. Mike Davis explained that the leachfield was undersized and that a possible break in the pipe system existed. A DOH approval is pending based on the field visit from Steve McNeal of the DOH. SUFCO intends to install additional leachfield lines to accommodate the volume of sewage which is currently being generated at the Convulsion Canyon Mine. No effluent from the leachfield system was leaving the site.

UMC 817.52 Surface and Groundwater Monitoring

NPDES permit UT 0022918 has been issued to the Convulsion Canyon mine by the EPA. It was renewed September 21, 1981 and expires June 30, 1986. Three discharge points are named on the permit. Discharge point #001 names the culvert at the fan discharging into the East Spring Canyon. This is no longer active. Discharge #002 names the sediment pond which discharges into the East Spring Canyon and point #003 is a mine water discharge into the Quitchapah Creek. Numerous violations of the NPDES permit have occurred over the recent months with TSS and TDS exceeding limitations numerous times. NOV N83-7-3-1 was issued to the Convulsion Canyon Mine on March 24, 1983 for the effluent infractions.

The Convulsion Canyon Mine contracts with Hydrometrics, Inc. of Montana to do the hydrologic monitoring program for the mine. In examination of Division records no results of the hydrologic monitoring program apparently have been received by the Division.

UMC 817.89 Disposal of Non-Coal Waste

Approximately west of the equipment storage yard an area adjacent to the highwall contains old mining equipment and storage area for non-coal materials. Some of the materials have been partially covered up by sloughage from the highwall. Mike Davis indicated that this will be cleaned up in the near future.

Along the eastern side, south of the Shop and Warehouse area non-coal waste bins are provided for salvagable material. Non-coal waste that is not salvagable goes into the trash pit adjacent to the guard house on the entrance to the mine. This material is hauled periodically to the soil landfill.

UMC 817.97 Protection of Fish, Wildlife and Related Environmental Values

The SUFCO Mine has installed perches on powerpoles in the minesite to negate the dangers of powerpole electrocution for raptors around the minesite area. These appeared to be intact and functional at the time of the inspection.

UMC 817.99 Slides and Other Damages

The slope stability problem on the road and area adjacent to the substation continues to be monitored. Complete remedial action has not been undertaken yet as the area is still drying out from spring snowmelt.

UMC 817.121 - .126

The Convulsion Canyon Mine currently undertakes a survey periodically to monitor any subsidence which is occurring above the mined out areas. A subsidence report is to be forwarded in the very near future to the Division for the past years monitoring.

John J Whitehead

JOHN J. WHITEHEAD
FIELD SPECIALIST

JJW/lm

cc: Tom Ehmett, OSM
Mike Davis, SUFCO
Joe Helfrich, DOGM

Statistics:

See Gordon Creek #2 Mine memo dated June 3, 1983.