



0024

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangetter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

INSPECTION REPORT

INSPECTION DATE & TIME: Feb. 16, 17, 1989
2:00 pm - 3:30 pm 9:00 am - 4:00 pm

Permittee and/or Operators Name: U.S. Fuel Company
Business Address: Hiavatha, Utah 84527
Mine Name: Hiavatha Complex Permit Number: ACT/007/011
Type of Mining Activity: Underground Surface Other
County: Carbon State: Utah
Company Official(s): Bob Eccli, Jean Semborski
State Official(s): Daron Haddock
Partial: Complete: Date of Last Inspection: January 17, 1989
Weather Conditions: Clear, cold
Acreage: Permitted 12,249 Disturbed 278.7 Regraded Seeded Bonded 313.5
Enforcement Action: NOV N89-28-2-1 NOV N89-28-3-1

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	(X)	()	()	(X)
2. SIGNS AND MARKERS	(X)	()	()	(X)
3. TOPSOIL	(X)	()	()	()
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	(X)	()	()	()
b. DIVERSIONS	(X)	()	()	(X)
c. SEDIMENT PONDS AND IMPOUNDMENTS	(X)	()	()	(X)
d. OTHER SEDIMENT CONTROL MEASURES	(X)	()	()	()
e. SURFACE AND GROUNDWATER MONITORING	(X)	()	()	(X)
f. EFFLUENT LIMITATIONS	(X)	()	()	(X)
5. EXPLOSIVES	(X)	()	()	()
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	(X)	()	()	()
7. COAL PROCESSING WASTE	(X)	()	()	()
8. NONCOAL WASTE	(X)	()	()	(X)
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	(X)	()	()	()
10. SLIDES AND OTHER DAMAGE	(X)	()	()	()
11. CONTEMPORANEOUS RECLAMATION	(X)	()	()	()
12. BACKFILLING AND GRADING	(X)	()	()	()
13. REVEGETATION	(X)	()	()	()
14. SUBSIDENCE CONTROL	(X)	()	()	(X)
15. CESSATION OF OPERATIONS	()	()	(X)	()
16. ROADS				
a. CONSTRUCTION	(X)	()	()	()
b. DRAINAGE CONTROLS	(X)	()	()	(X)
c. SURFACING	(X)	()	()	()
d. MAINTENANCE	(X)	()	()	()
17. OTHER TRANSPORTATION FACILITIES	(X)	()	()	()
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	()	(X)	()	(X)

INSPECTION REPORT
(continuation sheet)

Page 2 of 4

PERMIT NUMBER: ACT/007/011

DATE OF INSPECTION Feb. 16, 17, 1989

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS:

The U.S. Fuel Company state permit was issued March 13, 1987 and will expire March 14, 1992. All of the original permit stipulations have been addressed as stated in correspondence from the division dated January 21, 1988.

The operator is bonded to cover 313.4 acres of disturbance; \$1,450,000 through a surety company and \$2,329,000 through self bonding. Premium on the surety bond is paid through April 8, 1989.

Liability insurance is held through the Planet Insurance Company and is effective through October 1, 1989.

2. SIGNS AND MARKERS:

Mine I.D. signs are up at both entrances to the mine site. Topsoil, perimeter, and buffer zone markers are in place.

4b. DIVERSIONS:

U.S. Fuel has made various submittals regarding TDN 88-2-116-2. On February 14, 1989 another submittal was made dealing with diversion designs and small area exemptions.

Since most of the ditches and culverts are covered in snow and ice, it is difficult to determine compliance with the regulations. Any visible runoff appeared to be following routes prescribed by the mine plan.

4c. SEDIMENT PONDS AND IMPOUNDMENTS

All of the sediment ponds appear to be in good condition. Storage capacity appears to be adequate since none of the ponds have much water in them. Cold weather has kept snow and ice frozen and so far runoff has been minimal.

Sediment pond inspections done by the operator have been conducted quarterly with the last inspection on December 5, 1988.

Slurry impoundments have been inspected weekly as required. The annual certifications of the slurry impoundments and refuse pile are being completed at the present time.

INSPECTION REPORT
(continuation sheet)

Page 3 of 4

PERMIT NUMBER: ACT/007/011

DATE OF INSPECTION Feb. 16, 17, 1989

(Comments are Numbered to Correspond with Topics Listed Above)

4e. SURFACE AND GROUNDWATER MONITORING:

U.S. Fuel has recently submitted three amendments to their MRP revising the water monitoring plan. The division approved these amendments on January 20, 1989 and the operator is now following the revised plan with the exception of testing for nitrate in the springs. Nitrate was inadvertently left on the spring monitoring list although the division guidelines do not require that it be monitored. (see division letter from Dianne Nielson dated Feb. 18, 1986.)

After consulting with the division staff it was determined that monitoring of nitrate is not required for springs and the operator will revise the monitoring list to reflect this.

4f. EFFLUENT LIMITATIONS:

Discharge monitoring reports were reviewed. During the 4th quarter of 1988 a sample taken on November 14th exceeded the limitation for oil and grease and again on December 5 a sample exceeded the TDS limitations. On both occasions the operator sent notice to the proper agencies apprising them of the exceedence.

A sample was not taken during this inspection since no water was being discharged.

8. NONCOAL WASTE:

At the Middle Fork mine, trash is being stored in dumpsters which are periodically hauled off and dumped. At the present time the dumpsters are full and trash is starting to collect in a pile next to the dumpsters. The operator will see that the trash is hauled off.

14. SUBSIDENCE CONTROL:

The operator contracted Olympus Aerial Surveys to conduct subsidence monitoring. Data gathered during the aerial survey is currently being digitized and should be available by the end of this month.

16b. ROADS DRAINAGE CONTROLS:

Snow removal appears to have been accomplished with drainage in mind. What small amount of runoff there is, appears to be flowing as prescribed.

INSPECTION REPORT
(continuation sheet)

Page 4 of 4

PERMIT NUMBER: ACT/007/011

DATE OF INSPECTION Feb. 16, 17, 1989

(Comments are Numbered to Correspond with Topics Listed Above)

18. SUPPORT FACILITIES AND UTILITY INSTALLATIONS:

A coal crushing and screening device has recently been installed at the north end of the operators' rail yard. Upon investigation, it was learned that the equipment belongs to Genval Coal Co. who made an agreement with U.S. Fuel to operate it. Further investigation revealed that the area involved is not permitted for crushing and screening activities. Therefore, on February 23, 1989, NOV N89-28-3-1 was issued to U.S. Fuel wherein U.S. Fuel was required to cease the crushing/screening operations immediately and remove the facility or obtain a permit for the facility by March 22, 1989.

During the inspection, a leak was noticed in the water pipeline which brings water from the Mohrland Mine to the Hiavatha area. The leak is located approximately 1/4 mile prior to the Hiavatha Water tanks. Due to the extreme cold weather during the last few weeks ice has formed around the leak to a height of approximately 40 feet making it very difficult for repairs to be made. An attempt was made to remove the ice by a dozer but to no avail. Because of the frozen conditions not much damage has occurred as yet, however, water is still leaking from the pipe and as the ice melts, some erosion is taking place. NOV N89-28-2-1 was issued for failure to maintain a support facility in a manner which 1) prevents additional contributions of suspended solids to runoff outside the permit area and 2) minimizes erosion to the extent possible. The operator is required to install sediment control in the immediate area of the break by March 1, 1989 and to have the pipeline repaired by March 24, 1989.

Copy of this Report:

Mailed to: Jean Semborski, U.S. Fuel

Mailed to SLC for: Brian Smith, OSM; Joe Helfrich

Filed to: PFO

Daron R. Haddock

Inspectors Signature and Number: Daron R. Haddock #28 Date: Feb. 24, 1989