0040

# State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

## INSPECTION REPORT

Partial:_ Complete: X Exploration:_
Inspection Date & Time: June 10, 1994, 8:00 AM to 2:00 PM
Date of Last Inspection: May 25, 1994

Mine Name: Hiawatha County: Carbon Permit Number: ACT/007/011
Permittee and/or Operator's Name: U. S. Fuel Co.
Business Address: P. O. Box 887, Price, Utah 84501
Type of Mining Activity: Underground X Surface_ Prep. Plant_ Other_
State Officials(s): Paul Baker
Company Official(s): Gary Gray
Federal Official(s): None
Weather Conditions: Clear, 80's
Existing Acreage: Permitted- 12707 Disturbed- 290 Regraded-_ Seeded-_ Bonded- 290
Increased/Decreased: Permitted- 0 Disturbed- 0 Regraded- 0 Seeded- 0 Bonded- 0
Status: _Exploration/ X Active/_Inactive/_Temporary Cessation/_Bond Forfeiture
Reclamation ( X Phase I/_Phase II/_Final Bond Release/_Liability Year)

### REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
   a. For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
   b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

| | EVALUATED | N/A | COMMENTS | NOV/ENF |
|---|---|---|---|---|
| 1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE | [X] | [] | [X] | [] |
| 2. SIGNS AND MARKERS | [X] | [] | [X] | [] |
| 3. TOPSOIL | [X] | [] | [] | [] |
| 4. HYDROLOGIC BALANCE: | | | | |
| a. DIVERSIONS | [X] | [] | [X] | [] |
| b. SEDIMENT PONDS AND IMPOUNDMENTS | [X] | [] | [] | [] |
| c. OTHER SEDIMENT CONTROL MEASURES | [X] | [] | [X] | [] |
| d. WATER MONITORING | [X] | [] | [] | [] |
| e. EFFLUENT LIMITATIONS | [X] | [] | [X] | [] |
| 5. EXPLOSIVES | [X] | [] | [] | [] |
| 6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES | [] | [X] | [] | [] |
| 7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS | [X] | [] | [X] | [] |
| 8. NONCOAL WASTE | [X] | [] | [] | [] |
| 9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES | [X] | [] | [] | [] |
| 10. SLIDES AND OTHER DAMAGE | [] | [X] | [] | [] |
| 11. CONTEMPORANEOUS RECLAMATION | [X] | [] | [X] | [] |
| 12. BACKFILLING AND GRADING | [X] | [] | [] | [] |
| 13. REVEGETATION | [X] | [] | [] | [] |
| 14. SUBSIDENCE CONTROL | [X] | [] | [] | [] |
| 15. CESSATION OF OPERATIONS | [] | [X] | [] | [] |
| 16. ROADS: | | | | |
| a. CONSTRUCTION/MAINTENANCE/SURFACING | [X] | [] | [] | [] |
| b. DRAINAGE CONTROLS | [X] | [] | [] | [] |
| 17. OTHER TRANSPORTATION FACILITIES | [X] | [] | [] | [] |
| 18. SUPPORT FACILITIES/UTILITY INSTALLATIONS | [X] | [] | [] | [] |
| 19. AVS CHECK (4th Quarter-April, May, June) June 10, 1994 (date) | [X] | [] | [X] | [] |
| 20. AIR QUALITY PERMIT | [X] | [] | [] | [] |
| 21. BONDING & INSURANCE | [X] | [] | [] | [] |

**INSPECTION REPORT**

(Continuation sheet) 

PERMIT NUMBER: ACT/007/011 DATE OF INSPECTION: June 10, 1994

(Comments are Numbered to Correspond with Topics Listed Above)

1. Permits, Change, Transfer, Renewal, Sale

On May 26, 1994, the Division conditionally approved the alternate topsoil borrow area amendment.

The Division responded to the most recent submittal concerning the postmining land use for the haul roads on June 10, 1994. The response letter said that the proposal to leave the roads in their present, improved, condition was not adequately justified.

2. Signs and Markers

We talked about the need to have disturbed area markers in place before U. S. Fuel begins harvesting topsoil from the borrow areas. U. S. Fuel has been surveying the area in preparation for beginning this operation.

4. Hydrologic Balance

a. Diversions

The April inspection report noted two culverts that needed to be cleaned. One of these was cleaned. After trying to clean the other, it was found that it was partially crushed. A new culvert is at the site and should be installed soon.

The berm near the King 6 fan portal has been enlarged.

c. Other Sediment Control Measures

We inspected the North Fork breakout area. U. S. Fuel needs to maintain the alternate sediment control structures in this area.

e. Effluent Limitations

First quarter UPDES reports showed daily maximum TDS discharge concentrations exceeded allowable limits for point D0001 in the Mohrland area. The maximum concentration was 930 mg/L, and the limit was 850 mg/L. The TDS limit has been raised in the new permit to 1000 mg/L daily maximum with no monthly average.

Although iron and pH levels have not exceeded allowed limits for point D0001, there is an orange precipitate in the channel leading from this point. The precipitate may be from minerals other than iron. After discussing the situation with staff hydrologists, the Division should take a water sample from this point at the next inspection.

7. Coal Mine Waste/Refuse Piles/Impoundments

U. S. Fuel has essentially completed grading of refuse pile 2 and slurry pond 4. The top of the pile has been ripped preparatory to placing the topsoil.

12. Contemporaneous Reclamation

The breakout portal in North Fork has been backfilled. Unless there is any chance that this portal could be used again, the backfilled areas should be revegetated this fall. There is a cut near the breakout that should be planted with the conifer planting mix from Chapter 3 of the plan. This cut is not proposed for additional grading. It is vegetated with grasses and forbs but few if any trees or shrubs.

19. AVS Check

Two replacement pages for Chapter 1 of the mining and reclamation plan were submitted in the annual report. These pages were not submitted as an amendment, but they should probably be processed as one.

Copy of this Report:

Mailed to: Marcia Petta (OSM), Mike Watson (U.S. Fuel)

Given to: Joe Helfrich, Daron Haddock (DOGM)

Inspector's Signature: Paul B. Baker #41 Date: July 15, 1994