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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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INSPECTION REPORT

INSPECTION DATE & TIME: July 29-30, 1987
10:00am - 4:50pm and 7:30am - 4:40pm

Permittee and/or Operators Name: U.S. Fuel Company
Business Address: Hiawatha, Ut 84527
Mine Name: Hiawatha Complex Permit Number: ACT/007/011
Type of Mining Activity: Underground XX Surface Other
County: Carbon
Company Official (s): NONE
State Official(s): Lynn Kunzler & Joe Funk (OSM Inspector)
Partial: X Complete: Date of Last Inspection:
Weather Conditions: Cloudy and raining
Acreage: Permitted 20700 Disturbed 290 Regraded 0 Seeded 0 Bonded 290
Enforcement Action: N87-17-4-4

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

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(Comments are Numbered to Correspond with Topics Listed Above)

2. Signs and Markers. Adequate perimeter markers could not be found in the prep plant and waste disposal areas. NOV #N87-17-4-4, 1 of 4 was issued for failure maintain perimeter markers around the disturbed area since previous inspection reports indicated that signs and markers were adequate.

4c. Sediment Ponds and Impoundments. A close inspection of sediment pond 5 south (SE of slurry pond 5) revealed that this pond had not been constructed according to the detailed designs in the approved mine plan in that the inlet structure had not been riprapped. At the time of the inspection, runoff was entering the pond and it was evident that erosion was occurring at the inlet. The sediment pond below the truck loadout in Middle Fork was also not constructed according to the detailed designs in the approved mine plan in that the inlet was not riprapped, the inlet was in the wrong location and as such was short circuiting the pond (inlet was adjacent to the principle outlet) and the emergency spillway was not riprapped and had been partially blocked by end-dumped material. As a result, NOV #N87-17-4-4, 3 of 4 was issued for failure to construct sediment ponds in accordance with approved plans.

4d. Other Sediment Control Measures. Upon arrival at the Middle Fork sediment pond, (raining at the time) it was noted that runoff was bypassing the inlet to the sediment pond and flowing into Miller Creek. While documenting this event, water that had ponded on the upper yard area due to blocked inlets of the 12" yard drainage culvert breached the berm, washed gully through the coal surge pile area, and conveying several tons of coal through the truck loadout area. Much of this water and coal also bypassed the sediment pond and ended up in Miller Creek as well. As a result, NOV #N87-17-4-4, 4 of 4 was issued for failure to pass all surface drainage from disturbed areas through a sediment treatment facility before leaving the permit area. A water sample was taken just below the pond inlet at 3:30pm on July 30, 1987 to document the poor water quality of the runoff that was bypassing the sediment control.

Inspectors Signature and Number: _____



#17 Date: 8/4/87

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16b. Roads: Drainage Controls. A thorough inspection of all road culverts revealed that several culverts were not functioning properly. The two 24" culverts (side by side) SE of slurry pond 1 by the railroad had the ends partially crushed and were filled with sediment to the point that the inlet had 8" open and the outlet had only 3" open. In South Fork, sediment had collected in the outlets and partially blocked the 24" culvert near station 10+00 (10" open), the 36" culvert near sta. 30+00 (19" open), the 30" culvert near sta. 60+00 (16" open), and the 24" culvert near sta. 90+00 (12" open). In Middle Fork, the forth culvert (24"cmp) from the fork to South Fork had the outlet partially filled with sediment with only 9" open. The inlets for the culvert by the storage yard east of the sediment pond, the 12" yard drainage culvert next to the belt line in the upper yard, and the 12" yard drainage culvert next to the road were blocked with debris. The culvert which conveys runoff from the truck loadout area to the sediment pond was plugged with coal and fines. As a result, NOV #N87-17-4-4, 2 of 4 was issued for failure to construct culverts to avoid plugging or collapse.

Copy of this Report:

Mailed to: Donna Griffin - DSM, Jean Semborski - US Fuel

Given to: Joe Helfrich & Sue Linner - DOGM

Inspectors Signature and Number:  #17 Date: 8/4/87