

0021



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

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JK for Joe Helfrich

Partial: X Complete: Exploration:
Inspection Date & Time: 10/20/97 9:00 a.m. to 4:00 p.m.
Date of Last Inspection: 9/19/97

Mine Name: Hiawatha Complex County: Carbon Permit Number: ACT/007/011

Permittee and/or Operator's United States Fuel Company/ Hiawatha Coal Co.

Business Address: P.O. Box 887, Price, Utah 84501

Type of Mining Activity: Underground X Surface Prep. Plant Other

State Officials(s): Sharon Falvey and Susan White

Company Official(s): Elliot Finley and Charles Reynolds

Federal Official(s): None

Weather Conditions: cool and fair

Existing Acreage: Permitted-12707 Disturbed-290 Regraded- Seeded- Bonded-290

Increased/Decreased: Permitted- Disturbed- Regraded- Seeded- Bonded-

Status: Exploration/ Active/ Inactive/ Temporary Cessation/ Bond Forfeiture

Reclamation (Phase I/ Phase II/ Final Bond Release/ Liability Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - 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.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

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

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(Continuation sheet)

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(Comments are Numbered to Correspond with Topics Listed Above)

2. Topsoil

The Operator was advised that the topsoil borrow area must be seeded with an interim seed mixture for stabilization. The surface of the borrow area must be prepared and loosened prior to seeding. Piles of topsoil should be consolidated prior to seeding to reduce surface area for wind blown erosion.

4. Hydrologic Balance

a. Diversions - Diversions and berms in the upper rail road storage yard require maintenance.

The undisturbed drainage in South Fork which goes under sediment pond 9 requires cleaning.

8. Noncoal Waste

Mr. Reynolds stated that 5 or 6 semi-loads of salvage equipment had been removed from the mine area, mostly from the Middle Fork. The Operator was reminded that the removal of scrap and salvage material was part of the violation which was vacated in lieu of a Division Order.

13. Revegetation

The Operator has been preparing the topsoil on the outsoles of Slurry Pond 5 for revegetation this fall. Some concern was expressed to the Operator about the potential for compaction. Additionally, the topsoil which was spread in late spring and now has abundant weed growth will need to be prepared prior to seeding. Fertilizer should be spread prior to or after topsoil preparation. The Division suggested to the Operator that the requirement to mulch would be waived if the topsoil was pock marked with a tack hoe.

Seeding on Pond 5 and Pond 4 from this spring and last fall, respectively, showed somewhat disappointing results given the wet year. Areas of depression showed good germination. It was determined that the results were good enough not to warrant reseeding. Slow development of revegetation is common in these areas. Cattle had been grazing on the reseeded ponds and this should be eliminated.

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16. Roads

These items were remaining from the last inspection with Division Engineer, Wayne Western and will be looked at in November inspection:

- The road at the South Fork portal area had a rill 1 foot wide and 9 inches deep. Mike Watson said that the rill had been there for a long time and committed to will it with stone. The stone should prevent further erosion.

-A new fence had been placed around the cemetery. There are still coal fines in the cemetery. Mike Watson said the coal fines would be removed.

-Rills were forming in some of the roads in the main facility area. Mike and Elliot committed to grade the roads and maintain the ditches.

The North Fork road had some grading and repair work done. Division Hydrologist, Sharon Falvey, suggested additional work and that any work done on the road should work toward the outsloping of the road so as not to concentrate water. It was also suggested that the road would produce less sediment if it was maintained as a two track. An attempt to develop a two track road should be done after all reclamation activities have concluded at the North Fork portal.

Reclaiming the North Fork road to the stream crossing near the portal area was discussed.

Copy of this Report:

Mailed to: OSM, United States Fuel Company

Given to: Joe Helfrich (DOGM)

Inspector's Signature: Susan M. White #35 Date: 11/6/97