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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

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Partial: X Complete: Exploration:
Inspection Date & Time: 4/3/97 10 to 2
Date of Last Inspection: 3/5/97

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

Permittee and/or Operator's United States Fuel Company

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

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

State Officials(s): Susan White, Joe Helfrich, Wayne Western, and Steve Johnson

Company Official(s): K.C. Jones and Michael Watson

Federal Official(s): None

Weather Conditions: Partly cloudy and cool

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/ENF
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 checked="" type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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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PERMIT NUMBER: ACT/007/011

DATE OF INSPECTION: 4/3/97

(Comments are Numbered to Correspond with Topics Listed Above)

The day prior to this inspection the site received approximately 6 inches of snow at the Mine Offices. By 2:00 most of the snow had melted.

2. SIGNS AND MARKERS

Several of the disturbed area markers were down. All markers should be check^{ed} as part of Spring clean-up.

3. TOPSOIL

Robert Davidson, Division Soil Specialist, and Chris Hansen, consultant to U.S. Fuel, were on site during this inspection to assess available substitute topsoil material for reclamation and to comply with Division Order 97A.

4. HYDROLOGIC BALANCE:

a. **DIVERSIONS** - Ditches DD3 and DD4, at the eastern base of Slurry Pond 5 were walked. The ditch should be regraded so that the berm is on the outside and not up slope which is preventing water from running into the ditch.

Road runoff has caused erosion on the first part of the road which runs though Borrow Area F. The ditch along the State Road should have a culvert or otherwise adjusted to prevent erosion along the dirt road.

b. **SEDIMENT PONDS AND IMPOUNDMENTS** - Ponds 006 and 007 were observed and appeared to be in compliance. Pond 007 requires some maintenance work on the rill and diversion adjacent to the inlet from DD3.

c. **OTHER SEDIMENT CONTROL MEASURES** - the silt fences surrounding Borrow Area F required maintenance. Steve Johnson, Division Hydrologist, stated that the fences could be removed from the roads into the borrow area since the silt fence at the bottom of the borrow area treats the entire area.

7. **COAL MINE WASTE/REFUSE PILE/IMPOUNDMENTS** - Since the operator has not met the exact reclamation designs of Slurry Pond 4 and 5 (now considered refuse piles), as shown in the approved plan, the Division is discussing the requirements of R645-301-746.222

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and MSHA, 30CFR 77.215-4. At issue is the term "impoundment of water" no guidance is given as to the degree of impoundment, one acre or 20 acres?

The operator has been doing the leg work on dealing with the large amount of coal fines in the cemetery as required by Division Order 97A. The one visible head stone read Elmer Koski 1926 - 1926.

8. NONCOAL WASTE

Routine Spring clean-up should include retrieving garbage, barrels and other items not in their proper place.

12. BACKFILLING AND GRADING

The operator was asked to provide the Division with as-built maps of the reclaimed Slurry Ponds. Mr. Watson stated that the lower area was to be flown for map making as soon as the snow is gone.

13. REVEGETATION

The operator had not yet seeded the topsoiled portion of reclaimed Slurry Pond 5 because of the recent snow. Mr. Jones was told that it is imperative that the seeding be done by April 15. If the seeding is not done by April 15, due to wet soils, then the seed should be spread by hand.

The roads into Borrow Area F should be seeded with an interim seed mixture. The edges of the borrow area where the organic matter was spread this winter should be reseeded also.

An interim seed mixture should be spread on any area of the site that is not active, except for road ways. This is important to reduce weeds and reduce blowing coal fines.

Copy of this Report:

Mailed to: OSM, United States Fuel Company

Given to: Joe Helfrich (DOGM)

Inspector's Signature: Susan M. White # 35 Date: 4/7/97