0008

Document Information Form

Mine Number: C/007/011

File Name: Internal

To: DOGM

From:

Person N/A

Company United States Department of the Interior

Date Sent: September 25, 1989

Explanation:

Mine Site Evaluation Inspection Report

cc:

File in:
C/ 007 , 011 , Internal
Refer to:
- ☐ Confidential
- ☐ Shelf
- ☐ Expandable

Date _____ For additional information

Mine file #3 UK
PFO

SEP 25 1989

DIVISION OF OIL, GAS & MINING

United States Department of the Interior
Office of Surface Mining
Mine Site Evaluation Inspection Report

For Office Use Only

1a (Y Y M M) 1b (Batch) 1c (Report)

2. Name of Permittee

3. Street Address

4. City 5. State

6. Zip Code 7. Area Code 8 Telephone Number

9 MSHA Number

10. Date of Inspection (Y Y M M D D)

11. State Permit Number

12 Name of Mine

13. County Code 14 State Code 15. Strata 16. State Area Office

17. OSM Field Office No.

18. OSM Area Office No.

19. OSM Sample No.

20 Type of Inspection (Code)

21. Joint Inspection Yes No

22 Inspector's ID No

23. Status

A Type of Permit

B Mine Status (Code)

C Type of Facility (Code)

D Number of Permitted Acres

E Number of Disturbed Acres

24. Type of Activity (check applicable boxes).

A ☐ Steep Slope
B ☐ Mountain Top Removal
C ☐ Prime Farmlands
D ☐ Alluvial Valley Floors
E ☐ Anthracite
F ☒ Federal Lands
G ☐ Indian Lands
H ☐ Other

25. Performance Standards (Codes)

Instructions: Indicate compliance code. For any standard marked 2 or 3 provide narrative to support this determination.

Standards That Limit the Effects to the Permit Area

A Distance Prohibitions
B Mining Within Permit Boundaries
C Signs and Markers
D Sediment Control Measures
E Design and Certification Requirements—Sediment Control
F Effluent Limits
G Surface Water Monitoring
H Ground Water Monitoring
I Blasting Procedures
J Haul/Access Road Design and Maintenance
K Refuse Impoundments
L Other: Specify

Standards That Assure Reclamation Quality and Timeliness

M Topsoil Handling
N Backfilling and Grading
O
P
Q
R
S
T
U
V Cessation of Operations: Temporary
W Other

File in:
- ☐ **Confidential**
- ☐ **Shelf**
- ☐ **Expandable**

Refer to Record No 0008 **Date** 9-25-89
In C/ 007 , 011 , **Internal**
For additional information

RECEIVED
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DIVISION OF OIL, GAS & MINING

Mine file #5 CB
PEO

United States Department of the Interior
Office of Surface Mining
Mine Site Evaluation Inspection Report

For Office Use Only

1a (Y Y M M) | 1b (Batch) | 1c (Report)

2. Name of Permittee: MS Fuel Company
3. Street Address: PO Box A
4. City: Hiawatha
5. State: Ut
6. Zip Code: 84527
7. Area Code: 801
8. Telephone Number: 343-2471
9. MSHA Number: 42-00098-
10. Date of Inspection (Y Y M M D D): 890914
11. State Permit Number: Act 007/011
12. Name of Mine: Hiawatha
13. County Code: 007
14. State Code: UT
15. Strata:
16. State Area Office: 01
17. OSM Field Office No.: 02
18. OSM Area Office No.:
19. OSM Sample No.: 0041
20. Type of Inspection (Code): C
21. Joint Inspection Yes: X No:
22. Inspector's ID No.: 107

23. Status

A	01	Type of Permit
B	A	Mine Status (Code)
C	20	Type of Facility (Code)
D	2070.0	Number of Permitted Acres
E	0033.0	Number of Disturbed Acres

24. Type of Activity (check applicable boxes)

A		Steep Slope	E		Anthracite
B		Mountain Top Removal	F	X	Federal Lands
C		Prime Farmlands	G		Indian Lands
D		Alluvial Valley Floors	H		Other

25. Performance Standards (Codes)

Instructions: Indicate compliance code. For any standard marked 2 or 3 provide narrative to support this determination.

Standards That Limit the Effects to the Permit Area			Standards That Assure Reclamation Quality and Timeliness		
A	1	Distance Prohibitions	M	1	Topsoil Handling
B	1	Mining Within Permit Boundaries	N	1	Backfilling and Grading
C	1	Signs and Markers	O	1	Following Reclamation Schedule
D	2	Sediment Control Measures (DOGM NOV - uncontrolled drng.)	P	1	Revegetation Requirements
E	1	Design and Certification Requirements—Sediment Control	Q	1	Disposal of Excess Spoil
F	1	Effluent Limits	R	1	Handling of Acid or Toxic Materials
G	1	Surface Water Monitoring	S	1	Highwall Elimination
H	1	Ground Water Monitoring	T	1	Downslope Spoil Disposal
I	1	Blasting Procedures	U	1	Post Mining Land Use
J	1	Haul/Access Road Design and Maintenance	V	1	Cessation of Operations: Temporary
K	1	Refuse Impoundments	W		Other _____
L	2	Other: Specify DOGM NOV Mohrland Pipeline Break			

United States Department of the Interior
Office of Surface Mining
Mine Site Evaluation Inspection Report

26. State Permit Number 0607011

27. Date of Inspection (Y Y M M D D) 890914

28. Yes ☐ No ☐ Do mining and reclamation activities on the site comply with the plans in the permit? If no, provide narrative to support this determination.

29. Indicate number of complete and partial inspections conducted by the State to date for this annual review period:

29a. 01 Number of Completes 29b. 02 Number of Partials

30. Indicate number of complete and partial inspections required by the State during this annual review period:

30a. 00 Number of Completes 30b. 02 Number of Partials

31. Has inspection frequency been met?

	Yes	No		Yes	No
31a. Completes	X	☐	31b. Partials	X	☐

32. FEDERAL ENFORCEMENT INFORMATION. [Enter violation number. Check appropriate box(es)]

	Ten-Day Notice No.	Notice of Violation No.	Cessation Order No.	Violation Codes
A	☐	☐	☐	Authorizations to Operate
B	☐	☐	☐	Signs and Markers
C	☐	☐	☐	Backfilling and Grading
D	☐	☐	☐	Highwall Elimination
E	☐	☐	☐	Rills and Gullies
F	☐	☐	☐	Improper Fills
G	☐	☐	☐	Topsoil Handling
H	☐	☐ N/A	☐	Sediment Ponds
I	☐	☐	☐ Interior	Effluent Limits
J	☐	☐	☐	Water Monitoring
K	☐	☐	☐	Buffer Zones
L	☐	☐	☐	Roads
M	☐	☐	☐	Dams
N	☐	☐	☐	Blasting
O	☐	☐	☐	Revegetation
P	☐	☐	☐	Spoil on the Downslope
Q	☐	☐	☐	Mining Without Permit
R	☐	☐	☐	Exceeding Permit Limits
S	☐	☐	☐	Distance Prohibitions
T	☐	☐	☐	Toxic Materials
U	☐	☐	☐	Other Violations

United States Department of the Interior
September
Mine Site Evaluation Insp.

33. Name of Authorized Representative *(print or type)* Randall H. Owen

Signature of Authorized Representative	Date
Randall H. Owen	9-21-89
Signature of Reviewing Official	**Date**
Henry P. Austin (ACTING)	9-22-89

06 0
06 0
12 0
04 5

US Fuel Company
P.O. Box A
Hiawatha, Utah 84527

Hiawatha Mine
Utah Permit #007/011

Random Sample Inspection
September 14-15, 1989

Participants:

Rade H. Orell, Office of Surface Mining Albuquerque Field Office (AFO), Daron Haddock, Henry Sauer, Utah Division of Oil, Gas and Mining (DOGM), and Jean Samborski, US Fuel Company (operator's representative).

Mine Site Evaluation Inspection Report:

The Mine Site Evaluation Inspection Report form has been completed to reflect the random sample inspection (RSI). The inspection did not result in the issuance of a Ten-Day Notice (TDN) by the AFO however, the DOGM representative issued a two part Notice of Violation (NOV). The NOV is reflected by the number 2 at performance standard codes D, Sediment Control and L, Other. The NOV is explained in greater detail later in this report.

Introduction:

The inspection commenced the morning of September 14 and terminated the afternoon of September 15. The weather was clear and mild. A Pentax IQ Zoom camera was used to photograph areas of interest. The inspection included a records review as well as field observations.

Records Review:

The records review included observations and/or discussions of the NPDES permit and discharge reports, ground and surface water monitoring information, quarterly inspections for the sediment ponds, quarterly refuse pile inspections, annual certifications for the refuse piles, weekly slurry impoundment inspections, sediment pond certifications, liability insurance, bond information, and subsidence monitoring. The records were well organized and maintained.

Field Inspection:

The field inspection included observations of the facilities in the Middle and Left Forks of Miller Creek, the Left Fork of Cedar Creek, and the coal processing facilities and associated structures.

Middle Fork - The inspection of the Middle Fork facilities included observations of the King 4 and 5 Mines, substation/SAE, the various bypass culverts, coal stockpile area, truck loadout, sediment pond 008, and the timber storage yard.

We noted two problems near the truck loadout area that the DOGM representative included in the above referenced NOV. We observed an area of disharge that flows to the sediment pond that is not conveyed by a defined ditch. The flow has been sufficient to cause erosion and establish a meandering channel. The channel measured approximately 240 feet in length and as much as 10 inches wide and 9 inches deep. We also observed another ditch that conducts water to the sediment pond that is not being maintained. The upstream end of the ditch was covered with coal from the truck loadout stockpile. This situation was also included the NOV.
The inspection continued with observations of the upper coal storage yard or upper rail yard and sediment pond 003. At the rail yard we observed another example of uncontrolled drainage. Runoff has caused a large meandering channel to form (estimated at as much as 18 inches wide and as deep in some areas). This problem was included in the NOV issued by the DOGM representative.

South Fork - The inspection of the facilities at the King 6 Mine was similar to that conducted at the King 4 and 5 Mines. We observed the water tank SAE, bypass culverts, sediment pond 009, and the mine facilities in general. We observed additional areas where runoff was either not being controlled or where ditches were not properly maintained. We observed that improvements to the drainage scheme on the toe of the north facing slope south of the pad adjacent to the Change House are needed and that the disturbed diversion ditch on the pad east of the Change House also needed maintenance. The DOGM representative included this situation in the NOV referenced above. The inspection of the loadout indicated yet more erosion problems that were included in the NOV. We also advised the operator's representative about maintenance of the coal stockpile on its northern border such that the adjacent undisturbed land surface is not disturbed by the stockpile.
At sediment pond 011 we observed that the inlet on the north side of the pond needs maintenance. Apparently sediment removal caused a "nick point" where the diversion enters the pond bottom. In addition, we observed that inflow at the top of the bank is beginning to bypass the rip rap channel. The problem was included in the DOGM NOV.

Mohrland Portal - We drove the road to the Morhland Portal and briefly examined the portal area. We observed that the pipeline from the mine discharge to the town of Hiawatha was breached approxiamtely .8 miles from the portal (used vehicle odometer to estimate distances). The breach was causing erosion of the road and adjacent cut bank. We used an Imhoff Cone to measure the settelable solids. We

collected a 1000 ml sample immediately beneath the breach where the water was discharging across the soil. After 15 minutes of settling we measured 38 ml of settelable solids. We followed the discharge down the road to the point where it entered Cedar Creek, an additional .2 miles. Upon my return to the AFO I used the NPDES Permit map and the General Hydrology Map, Exhibit VII-1 were used to estimate the point where the runoff enters Cedar Creek and departs the permit area. We collected an additional sample with the Imhoff Cone at that point. After 15 minutes of settling we measured 15 ml of settleable soilds and it increased to 20 ml after 20 minutes. The DOGM representative issued an NOV for this situation as well.

Slurry Ponds/Coarse Refuse - We briefly inspected Slurry Ponds 1, 4 and 5 and the associated coarse refuse. The coarse refuse is deposited on the outside of the slurry to form the banks for the ponds. We drove and walked the perimeter of the structures. We examined the sediment ponds associated with the structures as well as the diversions that convey the runoff. On the first bench of Slurry Pond 5 at the south end we noted that coarse refuse had been end-dumped and had yet to be graded and compacted. We also observed that the diversion at the toe of the refuse just above the point where it enters Sediment Pond 5 South/sediment pond 007 was in need of maintenance. The lack of maintenance caused runoff to leave the confines of the ditch as it flowed to the sediment pond. The DOGM representative included this problem in the same NOV as the other drainage control problems listed above.

Close-Out:

The close-out meeting was conducetd in two parts. The DOGM representative and I met first. We discussed the inspection and the action that needed to be taken. The representative advised me of his intent to issue a two part NOV thereby precluding the need to consider a TDN. We then met with the operator's representative. We discussed the inspection and the DOGM representative indicated his intent to issue the NOV. My part of the close-out was cut short in order to be on time for a departing airline flight in Salt Lake City. The DOGM representative advised me by telephone that he issued NOV 89-28-8-1(1),(2). The NOV cites UMC 817.45(e) for the drainage control problems and UMC 817.181, and 817.45(i),(iii) for the pipeline break.

OFFICE OF SURFACE MINING RECLAMATION AND ENFORCEMENT
RANDOM SAMPLE MEIR SUPPLEMENT

1. Permittee US Fuel Company
2. Permit Number Act 007/011
3. Joint Inspection |Y| Y/N 4. Date 9-14-89
5. Days since Last State Complete Inspection (LSCI) 36
6. Block 25 Categories in NON-COMPLIANCE this RSI 2
7. Total Violations this RSI 2

8. List (only once) all violations:
1) where State enforcement was required and taken during the LSCI;
2) recorded in the LSCI report but the State failed to take enforcement;
3) observed during this RSI which clearly existed during the LSCI but the State failed to take enforcement; and;
4) existing during this RSI which are not already listed under one of the categories above.

	A LAW / SPECIFIC STATE REGULATION VIOLATED	B BLOCK 25 CATEGORY	C ABATED (y/n)	D STATE ACTION	E REASON IF UNCITED	F CAUSE	G SERIOUSNESS PEO	H SERIOUSNESS IMPACT	I OSMRE ACTION	J OPTIONAL	K OPTIONAL
1.	/UMC/817/45(e)	D	N	4		4	1	2	1		
	Description: Maintenance of diversions										
2.	/UMC/817/181	L	N	4		4	3	5	1		
	Description: Northend Pipeline break										
3.	///										
	Description:										
4.	///										
	Description:										
5.	///										
	Description:										
6.	///										
	Description:										
7.	///										
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8.	///										
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9.	///										
	Description:										
10.	///										
	Description:										

STATE ACTION
1) Existed on LSCI, cited
2) Existed on LSCI, not cited
3) Cited Prior to LSCI, Abatement Pending
4) Occurred since LSCI

STATE'S REASON FOR NOT CITING VIOLATION (AFTER DISCUSSION WITH THE STATE)
1) Not a Violation
2) Precluded by State Policy
3) Not included under State Program
4) Warning given in lieu of a Citation
5) Violation not recognized (missed)
6) Practice allowed under approved Permit
7) Too minor to cite
8) Working with Operator to Correct
9) Other:

CAUSES
1) Permit Defect
2) Unusual Weather Conditions
3) Unofficial Waiver
4) Operator Negligence
5) Other:

PROBABILITY OF EVENT OCCURRENCE
1) None or Unlikely
2) Likely
3) Occurred

IMPACT
Damage Remains Within the Permit Area
1) None or Minor
2) Moderate
3) Considerable
Damage Extends Beyond the Permit Area
4) None or Minor
5) Moderate
6) Considerable
Obstruction to Enforcement
7) None or Minor
8) Moderate

OSMRE ACTION
1) Deferred to State Action
2) TDN issued
3) IN-CO issued
4) Previously Cited, Abatement Pending
5) Abated during or before OSMRE Inspection