

Document Information Form

Mine Number: C/005/004

File Name: Internal

To: DOGM

From:

Person N/A

Company N/A

Date Sent: May 27, 1983

Explanation:

Inspection Memo

cc:

File in: C/005, 004, Internal

Refer to:

- Confidential
- Shelf
- Expandable

Date _____ For additional information

May 27, 1983

Inspection Memo
to Coal File:

RE: Huntington #4 Mine
Beaver Creek Coal Company
ACT/015/004
Folder No. 7
Emery County, Utah

DATE: May 19, 1983
TIME: 1:00 P.M. - 5:00 P.M.
WEATHER: Cool and cloudy
COMPANY OFFICIAL: Dan Guy
STATE OFFICIAL: John Whitehead
ENFORCEMENT ACTION: NAOC N83-5-2-1

Compliance with Permanent Performance Standards

UMC 771 et al Permits

The following permits and approvals were reviewed during the inspection:

1. On August 10, 1976 a letter from the Division granted the Swisher Coal Company interim approval to operate.
2. A January 30, 1980 letter from the Office of Surface Mining grants approval to operate the #4 Mine with some 30 stipulations attached.
3. Special Use Permits have been obtained from the U. S. Forest Service for:
a) installation of two Parshall flumes and one weir on Little Bear and Mill Fork drainages (11/10/81); b) use of the access road to the #4 Mine (March 30, 1982); c) installation and use of two sediment ponds (November 21, 1979); d) installation and use of the pumphouse (March 17, 1977).
4. A Department of Health letter dated March 22, 1982 grants approval for the air quality maintenance efforts at the Huntington #4 Mine.
5. A Department of Health approval dated January 22, 1982 grants approval for backfilling the newly upgraded leachfield system.

A bond in the amount of \$62,500.00 has been posted by Beaver Creek Coal Company as of April 1, 1983. The bond (#8082-89-85) : Group of Insurance Companies (3200 Wilshire Boulevard California).

UMC 817.11 Signs and Markers

The mine identification sign was in place. Perimeter verified in a number of locations. The roughness of the slope makes the perimeter marking procedure difficult.

File in:

- Confidential
 Shelf
 Expandable

Refer to Record No. 0008 Date 5-27-83

In C/ 015, 004, Internal
For additional information

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A bond in the amount of \$62,500.00 has been posted by Beaver Creek Coal Company as of April 1, 1983. The bond (#8082-89-85) is secured with the Chub Group of Insurance Companies (3200 Wilshire Boulevard, Los Angeles, California).

UMC 817.11 Signs and Markers

The mine identification sign was in place. Perimeter markers were verified in a number of locations. The roughness of the terrain and steepness of slope makes the perimeter marking procedure difficult.

UMC 817.21 - .25 Topsoil

A small quantity of additional topsoil material had been obtained during the enlargement of the leachfield site which is just adjacent to the topsoil stockpile. The area disturbed by the added new material had not been seeded. Should signs of erosion occur the operator should be prepared to implement temporary protection measures such as brattice cloth until fall seeding can be performed.

UMC 817.41 - .52 Hydrologic Balance

The undisturbed diversion along the highwall in the portal area was in need of maintenance as was previously noted in the March 1983 inspection. Several areas have experienced some sloughage and the adequacy of this diversion was marginal. The area adjacent to the electrical substation was particularly questionable. Dan Guy indicated that it was impossible to maintain this area as an undisturbed diversion and, therefore, it would be classified as disturbed. The increase in disturbed area drainage volumes as a result of this reclassification need to be verified such that the sizing of the sediment ponds is assured to be adequate. In the area adjacent to the substation, the clear distinction between disturbed and undisturbed drainage areas should be established in order to assure that disturbed area drainage does not enter the undisturbed ditch.

Snow removal activities had produced large piles of sediment in several areas. Two of these piles were immediately adjacent to drainage culverts underneath the access road to the portal. A third area of concern existed on the stream side of the road below the switchback to the portals where a straw bale dike had been installed. The amount of material deposited there was substantial enough to threaten the integrity of the straw bale dike. As a result of these concerns NAOC 83-5-2-1 was issued to the Beaver Creek Coal Company noting as the concern the adequacy of sediment control measures associated with snow removal activities on the mine access road. Remedial action required removing sediment stockpiles left from the snow waste removal operation along access roads; and submitting plans to define snow removal and storage procedures. Included in these plans would be storage locations and the sediment control for the storage locations for snow removal. These plans are to be incorporated into the permanent MRP submission for the Huntington #4 Mine. The deadline for compliance is June 15, 1983 to remove the sediment piles presently existing and July 22, 1983 to submit the plans.

The emergency overflow on the upper of the two sediment ponds was not well defined. Additionally, no riprap was visible protecting this emergency spillway. Apparently during sediment clean out operations the definition and riprapping of this emergency discharge channel had been partly obliterated. Dan Guy indicated that this matter would be corrected.

INSPECTION MEMO TO COAL FILE
ACT/015/004
May 27, 1983
Page Three

During the previous inspection some concern was noted as to whether the lower end of the outlet culvert from the lower sediment pond was open. During this inspection it was verified that the culvert was open and operational.

UMC 817.52 Surface and Groundwater Monitoring

Beaver Creek Coal Company has NPDES permit UT #0023116 issued November 3, 1983 and expiring June 30, 1987 which permits discharges from the Huntington #4 Mine sediment pond into the receiving waters of the Mill Fork Creek.

The water monitoring program data was reviewed. Data from January, February, and March were analyzed. The February data showed a significant increase in the total suspended sediments in Mill Fork Creek from above the sediment pond to below the sediment pond. This same data also indicated that the sediment pond was not discharging. Runoff from the road area is a likely candidate in causing the increase in TSS.

UMC 817.121 - .126 Subsidence Control

Beaver Creek Coal Company has contracted with the U. S. Forest Service to do aerial photography for subsidence analysis each fall. Dan Guy indicated that no subsidence has been noted or observed from any of the photos thus far received.

UMC 817.131 Cessation of Operation (Temporary)

Operations at the Huntington #4 Mine were temporarily halted on May 2, 1983. Dan Guy has not yet submitted a letter to the Division to meet the requirements noted in UMC 817.131. In a conversation with Mr. Guy on May 24, 1983 he indicated that this letter would be forthcoming in the very near future.

UMC 817.150 - .176 Roads

Drainage structures along the main access road to the #4 Mine appeared to be open and operational. As was noted in the hydrologic balance section the sediment control from the access road was a concern and will be addressed by the operator in abating NAOC N83-5-2-1.



JOHN J. WHITEHEAD
FIELD SPECIALIST

JJW/lm
cc: Tom Ehmett, OSM
Dan Guy, BCCC
Joe Helfrich, DOGM

Statistics:

See Gordon Creek #2 memo dated May 27, 1983.