

Document Information Form

Mine Number: C/015/004

File Name: Internal

To: DOGM

From:

Person N/A

Company N/A

Date Sent: October 21, 1981

Explanation:

Inspection Memo

cc:

File in: C/015, 004, Internal

- Refer to:
- Confidential
 - Shelf
 - Expandable

Date _____ For additional information

October 21, 1981

Inspection Memo
to Coal File:

RE: Huntington Canyon #4
Beaver Creek Coal Co.
ACT/015/004
Emery County, Utah

DATE: September 22, 1981
TIME: 9:00 a.m.
WEATHER: Fair
COMPANY OFFICIAL: Dave Meyer
STATE OFFICIAL: Sandy Pruitt
OSM OFFICIAL: Ron Sassaman
ENFORCEMENT ACTION: None

Compliance With Permanent Performance Standards

771 et al Permits

The 211 mine plan was approved by the USGS on February 16, 1977. DOGM approval of the 211 plan was obtained on August 25, 1977. Coal in the federal leases was mined out in October 1978, and the mine temporarily closed until federal approval of an interim mine plan was obtained. OSM's approval of the interim plan was granted on January 30, 1980, with 30 stipulations. The mine plan addendum and response to these stipulations have been compiled into the interim mine plan, but were not thoroughly reviewed pending the permanent mine plan submittal (refer to letter to Mr. Dan Guy dated November 18, 1981, for the status of the stipulations).

NPDES permits #UT-0023132 and UT-0023116 authorize discharge from the sediment pond and cyclone mine water discharge to Mill Fork.

817.11 Signs and Markers

Mine identification signs, topsoil, perimeter and buffer zone markers were posted as required.

817.13-.15 Casing and Sealing

The mine opening on the upper pad extends only about 150 feet into the mine and is currently used as a powder magazine and, therefore, does not require fencing or sealing.

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Refer to Record No. 0004 Date 10-21-81

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817.21-.25 Topsoil

Drainage from the topsoil stockpile is adequately contained. The stockpile will be seeded again this fall. Boulders in the stockpile currently act as a stabilizing agent and prevent erosion. The boulders may impede efforts towards redistribution.

817.41-.57 Hydrologic Balance

Water monitoring data through July 1981, has been submitted to the Division and are in compliance with effluent limitations. Of concern are the TSS results for Mill Fork above and below the sediment ponds: May 13, 18 ppm above, 192 ppm below; June 11, 71 ppm above, 192 ppm below; July 22, 85 ppm above, 20 ppm below. The July data for these points shows a significant decrease in TSS levels. An explanation for these results was not included with the data submittal but should be determined by the operator and in a submittal for reference to the data.

Several hydrologic concerns noted during the inspection were given a 30 day remedial period.

1. Maintenance of culverts along the roads, from the upper pad to the middle pad, and under the conveyor on the upper pad.
2. Maintenance of pad grade and drainage diversions to prevent ponding in and around the lamp house adjacent to the undisturbed drainage diversion.
3. Maintenance of straw bales along the diversion from the middle pad to the lower pad.
4. Maintenance of runoff and erosion control structures.

Mr. Meyer informed me on October 13, 1981, that all of these areas had been addressed. The partially obstructed culvert which diverts road drainage under the conveyor was cleaned out and will be screened. The collection culvert in the middle pad has been cleaned on either end and passes water but is still partially obstructed in the middle (planned for cleaning by October 22). Beaver Creek plans to extend the culvert and construct a concrete pool at the head of the culvert to prevent future blockage and extend the bottom end of the culvert to prevent blockage from snow removal. This work should be initiated this year. A small water bar was constructed in front of the lamp house to divert water from the undisturbed drainage.

The diesel tank on the middle pad is scheduled for burial soon to minimize the potential for water pollution as in its present state.

817.61-.68 Use of Explosives

None have been reported for this quarter.

817.71-.74 Disposal of Underground Development Waste and Excess Spoil

Waste is disposed of in the inactive sections of the mine. A USGS approval for this was not examined.

817.97 Protection of Fish, Wildlife and Related Environmental Values

Ron Joseph of the Fish & Wildlife Service conducted field inspection of the Beaver Creek operations the week of August 24-28, 1981, and determined that the power lines did not pose a hazard to raptors since there is no evidence of use (refer to letter dated October 9, 1981, from Robert Jacobsen, Fish & Wildlife Service).

817.106 Regrading and Stabilizing Rills and Gullies

A gully near the coal shoot from the upper pad has formed as a result of poor grade maintenance. Beaver Creek was given 30 days to address requirements of an area of concern notice in stabilizing the gully with the implementation of adequate runoff control measures.

A gully in the fill over the pipeline adjacent to the sediment pond inlet had been filled in but not adequately stabilized. More berm work is necessary to minimize erosion.

817.111-.117 Revegetation

The toposil stockpile and disturbed downslopes should be seeded again this fall.

817.121-.126 Subsidence Control

The Forest Service conducts annual flyovers to detect subsidence to within 1/2 foot with infra-red photography. Beaver Creek may begin retreating from a section in the mine soon. Survey points have been flagged recently.

817.150-.176 Roads

Road grade maintenance is adequate. Road drainage ditches and culverts require continual maintenance.

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Comments

Mr. Dave Meyer informed this inspector on October 13, 1981, that the area of concern notices and other problem areas noted above were addressed as requested. A follow-up inspection will be conducted to fully release the operation of the remedial responsibilities.

SANDY PRUITT 
RECLAMATION OFFICER

cc: Tom Emmett, OSM
Dave Meyer, Beaver Creek Coal Co.
Inspection Staff

SP/btm

Statistics:

See Knight Mine memo dated October 7, 1981
Grant: A & E