

0026

### Document Information Form

Mine Number: C/007/016

File Name: Internal

To: DOGM

From:

Person N/A

Company N/A

Date Sent: February 2, 1983

Explanation:

Inspection Memo

cc:

File in: C/007, 016, Internal

Refer to:

- Confidential
- Shelf
- Expandable

Date \_\_\_\_\_ For additional information

February 2, 1983

Inspection Memo to  
Coal File:

#7

RE: Gordon Creek #2 Mine  
Beaver Creek Coal Company  
ACT/007/016  
Carbon County, Utah

DATE: December 16, 1982  
TIME: 9:00 to 11:30 A.M.  
WEATHER: Fair, unseasonably warm  
COMPANY OFFICIAL: Scott Raymond  
STATE OFFICIAL: Sandy Pruitt  
ENFORCEMENT ACTION: NOV N82-2-13-1

Compliance With Permanent Performance Standards

UMC 771 et al Permits

Mining approval was granted under the interim coal program by a letter dated May 11, 1978. The approved mine plan to date consists of the 211 mine plan approved by the USGS on January 24, 1978. Mining and Reclamation plans were first submitted to DOGM on August 5, 1977 but were deemed inadequate. OSM granted approval of a 20 acre lease modification on May 5, 1980 with 7 special stipulations that were to bring the 211 plan into compliance with the interim program requirements. BCCC accepted these stipulations on May 22, 1980. Subsequent submittals, which included a subsidence monitoring plan, were not reviewed pending review of the permanent program application. The ACR was sent to Dan Guy on September 30, 1982, to date there has been no response.

The new NPDES permit #UT-00231124 is dated November 3, 1982 the permit authorized is discharge from the sediment pond and will expire June 30, 1987.

UMC 817.41 -.57 Hydrologic Balance

The missing section in the culvert outlet from the sediment pond had not been replaced yet, but there was no evidence that the pond had discharged.

Drainage control structures, surface grades, ditches and culverts were in a state of poor maintenance. Snow/waste removed from the loadout had been placed on top of the berm along the undisturbed drainage to the south of the yard, additional snow/waste from the loadout and the materials storage yard was being stockpiled on top of a berm and on an area (seeded last fall) near

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the entrance to the parking lot and downstream from the sediment pond. More snow/waste from the materials storage area and mine access road was placed at the inlet to the sediment pond creating an obstruction so that mine area drainage could not flow into the pond. Due to the unseasonably warm weather runoff had occurred the day before, the frozen drainage pattern was evidence that mine area runoff had bypassed the sediment pond and flowed down the access road. The temperature rose to nearly 50 F again that day, so it is likely that mine area drainage flowed offsite again.

NOV #1 of 1 (N82-2-13-1) was issued for the failure to pass all disturbed area drainage through a sedimentation pond before leaving the permit area [UMC 817.42 (a)(1), UMC 817.45, UCA 40-10-18 (2)(i)(ii)]. The portion of the operation in violation is: 1) the blocked inlet to the sediment pond; 2) snow/waste placed on the berm along the southern undisturbed drainage ditch; and, 3) snow/waste stored on the recently seeded area northeast of the bathhouse and below the inlet to the sediment pond. The remedial action for area #1 required the removal of the obstruction at the inlet to the pond so that all disturbed area runoff will flow into the pond unimpeded. Areas #2 and #3 provide adequate sediment control for the snow/waste stockpiles to prevent additional contribution of sediment to streamflow and runoff leaving the permit area. The abatement deadline was January 15, 1983.

Water monitoring data from July to October 1982 were available for inspection at the mine office and have been submitted to DOGM as required. No water monitoring reports for November or December 1982 have been examined or received at DOGM.

UMC 817.71 - .74 Underground Development Waste and Excess Spoil

Beaver Creek Coal Company plans to dispose of rock waste from the mine on the portal pad just north of the main entry. The slope in the disposal area is steep and there is evidence of failure by slumpage. There has been no significant slope movement detected during recent inspections but additional slope stabilization measures may be necessary. Plans for the disposal have not been submitted yet for DOGM approval.

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UMC 817.121 - .126 Subsidence Control

Beaver Creek (a perennial stream) is at least 600 feet above the Castlegate 'A' coal seam. Pillar mining in section 3rd west crossed under Beaver Creek near the upper confluence by the Gunnison Homestead spring in 1977. There has been no subsidence monitoring within the permit area. A subsidence monitoring program, which was submitted under the interim program and again in the permanent program mine application, has not been approved or implemented yet. Additional mining under Beaver Creek is planned. Stream flow may be monitored to determine the hydrologic impacts of mining or to detect subsidence. In accordance with UMC 817.57 Beaver Creek Coal Company must obtain authorization from DOGM to mine within 100 feet of a perennial stream. At that time appropriate monitoring plans for subsidence and hydrologic impacts should be implemented.

SANDY PRUITT   
FIELD SPECIALIST

SP/lm

cc: Tom Ehmett, OSM  
Scott Raymond, BCCC  
Joe Helfrich, DOGM

Statistics:

See Genwal memo, dated January 4, 1983.