

September 30, 1985

TO: Coal File, Inspection and Enforcement Folder
FROM: David Lof, Mining Field Specialist *DL*
RE: Genwal Coal Company, Crandall Canyon Mine, ACT/015/032,
Folder #7, Emery County, Utah

On August 30, 1985, I conducted a partial inspection at the above-mentioned mine site. The weather at the time of my inspection was clear and warm.

Fugitive Dust Suppression

The roads within the mine permit area had been adequately watered to control fugitive dust. The operator had also provided a sprinkler system to spray the coal stockpile area.

Class II Road to Portals

This road was fairly well maintained; however, the operator needs to remove some used conveyor belts which had been pulled out of the mine and left along the inside of the road. After the conveyor belt is removed, the operator should reestablish the ditch along the inside of the road and insure that the road is graded to the inside in that particular area. In addition, the operator needs to insure proper grading of the road to the inside, from the intake portal down to the spring, to insure that water which collects near the entrance of the intake portal does not pond on the road this winter.

Sediment Pond Discharge, NOV N85-4-23-1

While inspecting the portal pad, I noted that the water supply pipe into the mine was leaking excessively (greater than 50 gallons per minute). This water was being conveyed from the portal pad down the slope via a downspout to the cross culvert which conveys disturbed area runoff to the sediment pond.

When I inspected the sediment pond, I found that it was full of water from the mine water supply line leak. The level of the water in the pond was within two inches of the top of the oil skimmer for the one-inch perforation in the standpipe. Looking into the standpipe, I saw that water was discharging through both the one-inch perforation and the emergency dewatering device, Waterman C-7 shear gate (shear gate). There is no oil and grease skimmer for the shear gate; therefore, any oil and grease which had been on the surface of the water had more than likely already been discharged. I immediately closed the shear gate to try and cut down on the amount of discharge going into Crandall Creek. The discharge was obviously not in compliance with state and federal effluent limitations.

I then spoke with one of the mine employees and told him that they must shut off the water supply line or fix the mine water supply line immediately. I went back down to the sediment pond and took a sample of the discharge and measured the flow from the pond. The amount of discharge after having closed the shear gate was approximately 40 gallons per minute, which is probably half of the total flow which was occurring when I first discovered the problem. The water in Crandall Creek upstream of the discharge point was crystal clear; after mixing with the discharge, it was very turbid. In fact, I could not see the bottom of the stream; and the depth of the stream at that point was not much greater than six inches.

By the time I had finished taking water samples and measuring the discharge, a mine employee had been sent up to the portal pad to fix the mine water supply line. The supply line was fixed while I was still on site. The flow into the pond from the leak in the mine water pipe ceased, and the stream cleared considerably.

Because of the inflow of additional waters into the pond which the pond was not designed to handle, the fact that the shear gate was open, and the failure to meet effluent limitations, Notice of Violation N85-4-23-1 was issued. It reads as follows:

Nature of the Violation

Failure to mine in accordance with the approved mine plan.
Failure to maintain sediment controls in order to prevent additional contributions of suspended solids to stream flow or runoff outside the permit area.

Provision of the Regulations, Act, or Permit Violated

UCA 40-10-22 (1)(c)
UMC 771.19
UMC 817.45

Portion of the Operation to which Notice Applies

- A. Mine water supply line
- B. Emergency dewatering device shear gate

Remedial Actions Required

- A. Repair mine water supply line so that it does not leak, thereby sending additional water to the sediment pond.
- B. Close the shear gate.

Time for Abatement

Immediately.

Page 3
ACT/015/032
September 26, 1985

This violation was issued to Andy King of Genwal at the Division Offices on September 5, 1985. The results of the analysis of the water samples taken at the time of the inspection had not been received at the time of writing.

dd

cc: Donna Griffin, OSM
Andy King, Genwal Coal Company
Joe Helfrich, DOGM
Ken May, DOGM

Statistics: See Soldier Creek Coal Company, Soldier Canyon Mine
memo dated September 19, 1985.
0348Q-10-12