

May 14, 1984

Inspection Memo
to Coal File:

RE: Diamond Shamrock Coal Unit
Trail Mountain Coal Mine
ACT/015/009, Folder #7
Emery County, Utah

On April 30, 1984 the above mentioned operation was visited by Division Field Specialists, David Lof and Tom Wright. The purpose of the inspection was to follow up on Notice of Violation N84-4-6-3 which was issued to the operator on April 18, 1984. We arrived at the site after 5 :00 p.m., we found that the only person on site was the security guard, we identified ourselves and told him that we were going to look at the sediment pond.

Violation # 1 of 3, required that the operator reconstruct the emergency spillway for the sediment pond to meet the approved design specifications. The time for the abatement of the violation was April 25, 1984, at 5:00 p.m.. At the time of the inspection we found that the only change made to the emergency spillway was the installation of a 66 inch diameter anti-vortex collar. The spillway still did not meet the approved designed specifications. At that time Mr. Wright and I measured the holes cut in the 48 inch spillway riser, several inches down from the top, which are suppose to allow the sediment pond to safely discharge runoff from a 25 year, 24 hour precipitation event. There were 8 holes cut approximately 3 to 3 1/2 inches down from the top of the riser, each hole measured approximately 9 by 3 1/2 inches. The combined surface area of these holes thru which runoff was suppose to pass was approximately 250 square inches, the approved spillway design provides a surface area of approximately 1000 square inches. The emergency spillway as constructed, cannot safely pass the runoff from the 25 year, 24 hour precipitation event.

At approximately 8:00 a.m on April 26, 1984, Allen Childs of Trail Mountain called Division Field Supervisor Joe Helfrich and implied that the violation had been abated. Consequently Mr. Helfrich terminated the violation on April 27, 1984. Because I found that the violation had in fact not been abated according to the remedial actions required, I nullified the termination of the violation as of May 2, 1984.

Due to the operators obvious confusion regarding the remedial actions required for the abatement of the violation. I modified the violation detailing six step by step measures to be taken in order to bring the emergency spillway into compliance with the approved plan. The modification reads as follows:

Remedial Action Required

1. Insure that the emergency spillway is at the proper height in relation to the dewatering device and the top of the sediment pond embankment.

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2. Remove the hinged steel plate from the top of the 48 inch riser.
3. Plug and seal the 8, 9 by 3 1/2 inch holes cut near the top of the 48 inch riser.
4. Install a slotted steel plate trash rack on top of the anti-vortex collar (see Figure 7-13 Sediment Pond Design Details, detail A. Top View).
5. Install the anti-vortex collar on the 48 inch riser (See Figure 7-13, Sediment Pond Design Details, Close up Anti-Vortex Device and Trash Rack).
6. Have sediment pond recertified by a competent Registered Professional Engineer.

Time for Abatement

May 8, 1984, 5:00 p.m.

On May 2, 1984 I called Mr. Childs and informed him that I was nullifying the termination of the violation, and went over the steps outlined in the modification. At that time I also notified him that failure to meet the extended time for abatement would result in the issuance of a failure to abate Cessation Order if any of these steps, numbers one through five, were not completed. I did tell him that I would consider an extension of the time for abatement for step 6 if they submitted a written substantiated request to the Division no later than May 8, 1984.

Violation # 2 of 3 required that the operator maintain the dewatering device in accordance with the approved plan. This simply meant that the operator had to cut the dewatering device riser to the proper height and install an anti-vortex collar as per Figure 7-13. At the time of the inspection I found that the operator had cut the dewatering device riser and installed an anti-vortex collar. We assumed that the spillway was cut to the correct height, it is difficult to tell for sure without actually having it surveyed.

It was evident that the operator had done a great deal of grading work in the mine yard and on the truck crossings from the county road into the mine yard since the April 14, 1984 partial inspection.

After leaving the mine site we stopped and talked to Mr. Childs at his home, and informed him that we had been to the mine site and looked at the sediment pond. I told him that after returning to the Division and reviewing the plans for the sediment pond once again we would contact him as to our

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findings. As was mentioned earlier, I called Mr. Childs on May 2, 1984, and discussed the problems with the emergency spillway with him.



David Lof
Mining Field Specialist

DL:re

cc: Jodie Merriman, OSM
Allen Childs, Diamond Shamrock
Joe Helfrich, DOGM
Tom Wright, DOGM
Mary Boucek, DOGM

Statistics:

Vehicle: EX49611, 442 miles
Per Diem: 2 people X 1 day 8 hours =\$132.66
Grant: A&E
88380