

July 18, 1984

TO: Inspection Memo to Coal File

FROM: David Lof, Mining Field Specialist *DL*

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

On July 18, 1984 a partial inspection was conducted at the above mentioned mine site, the inspection was conducted by Division Mining Field Specialist, David Lof. He was accompanied on this inspection by Joe Fielder, Mine Manager for the Trail Mountain Mine.

Notice of Violation N84-4-10-1

During the May 29, 1984 complete inspection of the mine, the sediment pond was discharging at the rate of approximately 2 gallons per minute. A sample of the discharge was taken as was a sample of Cottonwood Creek at the bypass culvert outlet. The samples were taken to the State Health Laboratories for analysis. The results of the water analysis are given below:

TABLE I

	<u>SEDIMENT POND</u>	<u>COTTONWOOD CREEK</u>
TSS (mg/l)	100	460
TDS (mg/l)	792	364
TOTAL Fe (mg/l)	0.77	0.95
TOTAL Mn (ug/l)	40.0	95.0

Because the operator had failed to meet TSS effluent limitations for discharge from the sedimentation pond, Notice of Violation N84-4-10-1 was issued, it reads as follows:

Nature of the Violation

Failure of discharge from the disturbed area to meet effluent limitations.

Provisions of the Regulations, Act or Permit Violated

UMC 817.42 (a)(7).

Portion of the Operation to which Notice Applies

Sediment pond.

Remedial Action Required

Meet effluent limitations.

Time for Abatement

Immediately.

The violation was served to Mr. Fielder at the time of the inspection and since there was no discharge from the sedimentation pond at the time of the inspection, the violation was terminated effective July 18, 1984.

Half-Round Culvert

The final 300 feet of half-round culvert at the north end of the mine yard had not been installed. During my May 29, 1984 inspection, Mr. Childs promised me that the culvert would be installed the next week. I reminded Mr. Fielder of this promise and he explained to me that mine personnel had been on vacation for almost a full month and had just returned the previous week. Mr. Fielder committed to having the half-round culvert installed prior to my next inspection. On August 9, 1984, Mr. Childs called me and informed me that the half-round culvert had been installed.

Mine Identification Signs

The operator has had a complete mine identification sign posted at the south end of their mine site. This sign adequately identifies the mine to those who are coming up the county road, but not those who approach the mine from the Upper Joe's Valley area. I asked Mr. Fielder to have an additional mine identification sign posted at the north end of their mine site to make sure that it was properly identified for those approaching from Upper Joe's Valley.

For a number of years Utah Power and Light has maintained a mine identification sign for the Cottonwood portal area on the west side of the county road, several hundred feet below the Trail Mountain Mine. The placement of the sign in this matter could potentially mislead the public and not provide proper identification for the Cottonwood portal area. Utah Power and Light's mining contractor, Emery Mining Corporation, has been informed of the need to relocate this sign on several occasions. The most recent being July 6, 1984 when I called Larry Guymon of Emery Mining Corporation. Mr. Guymon committed to having the sign moved by July 20, 1984. At the time of this inspection the sign still had not been moved.

Sediment Pond Certification

During my May 29, 1984 inspection, I informed Mr. Childs that the May 18, 1984 letter from R & M Consultants to the Division was not satisfactory for purposes of sediment pond certification. I told Mr. Childs that the letter should be in the same format as the February 2, 1984 sediment pond certification, it should list the name of the representative of R & M Consultants who inspected the pond on May 10, 1984, and the letter should be signed and stamped by a Registered Professional Engineer. At the time of this inspection, the Division had not received the sediment pond certification letter. I asked Mr. Fielder to remind Mr. Childs of the sediment pond certification that I had requested from him.

Chain Link Fence

Following my November complete inspection, the operator solicited, received and accepted a bid by Acme Fencing for the installation of a chain link fence along the road side of the half-round culvert. During a January 1984 partial inspection, Mr. Childs told me that the fence would be installed no later than the end of May. At the time of this inspection the fence had not been installed. The fence was a requirement of the operators Order to Show Cause. I reminded Mr. Fielder of the operators commitment to install the chain link fence. On August 9, 1984 I received a phone call from Mr. Childs he told me that they were in the process of installing the chain link fence.

Mine Site Sediment Controls

The site was generally well maintained except for the lower truck crossing where some grading work needed to be done. The operator still has not been able to reconstruct the inlet to the Cottonwood Creek bypass culvert.

re

cc: Jodie Merriman  
Allen Childs, Diamond Shamrock Coal Company  
P. O. Box 370, Orangeville, Utah 84537  
Mary Boucek  
Joe Helfrich

Statistics: See Consolidation Coal Company, Emery Deep Mine memo  
dated July 30, 1984

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