

January 5, 1983

#7 + #9

Memo to Coal File:

RE: Valley Camp of Utah, Inc.
Utah #2 Mine
ACT/007/014
Carbon County, Utah

The above-mentioned minesite was inspected by David Lof and Tom Munson of the Division on September 30, 1982. They were accompanied on the inspection by Trevor Whiteside of Valley Camp.

At the time of the inspection, sediment ponds #2 and #3 were discharging water into Mud Creek. The discharge was due to leakage at the connection of two culverts on the primary discharge structure of the ponds. Sediment pond #2 was discharging at approximately 30 gallons per minute and sediment pond #3 was discharging at approximately 5-10 gallons per minute. Water samples were taken at both discharge points and a sample was taken from Mud Creek just above the discharge point for pond #2. These samples were subsequently analyzed by Utah State Health laboratories. It was apparent at the time of the inspection that the discharge did not meet TSS effluent limitations, therefore, NOV N82-4-11-1 was written. It reads as follows:

Nature of the Violation:

Failure to maintain sedimentation ponds to prevent short-circuiting and insure that water discharged from the disturbed area complies with all State and Federal water quality limitations. Failure to meet applicable State and Federal effluent limitations.

Provisions of the Regulations, Act or Permit Violated:

UCA 40-10-18(2)(i)(ii)
UMC 817.41(c)
UMC 817.42(a)(7)
UMC 817.42(c)
UMC 817.46(e)

Portion of the Operation to Which Notice Applies:

Sediment ponds #2 and #3.

Remedial Action Required:

Repair sediment ponds so as to insure that they function as designed and so that discharge from the sediment ponds will comply with all applicable effluent limitations.

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Time for Abatement:

October 8, 1982.

According to the operator, the water level in the sediment ponds had never reached the level of the principal spillway prior to this event and, therefore, it would have been difficult to have foreseen the problem which occurred. However, the problem with sediment pond #3 was further complicated by the fact that the pond was not in compliance to begin with (NOV N82-1-9-2). Had there been adequate storage capacity in the pond to begin with, there may not have been a discharge.

The results from the laboratory analysis of the water samples taken at the time of the inspection indicated that Mud Creek, above the discharge pond for sediment pond #2, had a TSS of 1,130 mg/l. The discharge from sediment pond #2 had a TSS of 6,590 mg/l and the discharge from sediment pond #3 had a TSS of 4,300 mg/l.


DAVID LOF
RECLAMATION OFFICER

cc: Tom Ehmett, OSM

DL/btb

Statistics:

See Deer Creek Mine memo dated October 21, 1982
Grant: A & E