

November 2, 1982

Inspection Memo
to Coal FileRE: Natomas Trail Mtn. Coal Company
Trail Mountain Coal Mine
ACT/015/009
Emery County, Utah

On Wednesday, September 1, 1982, inspectors Barton Kale and Ken Wyatt, conducted a partial inspection at the above referenced mine. At the time of this inspection, several compliance problems were evident.

A recent storm caused runoff from the side canyon that drains into the 48 inch undisturbed bypass culvert. The trash rack at the inlet was silted in and subsequently runoff from this drainage overflowed onto the disturbed area. The sediment pond failed on its east embankment. Coal fines, sediment, and oil and grease was flushed from the pond into Cottonwood Creek.

As a result, NOV 82-7-8-2, #1 of 2 was issued as follows:

Nature of Violation

Failure to maintain sediment control measures to prevent to the extent possible additional contributions of sediment to stream flow or runoff outside the permit area. Failure to minimize water pollution.

Provisions of the Regulations, Acts, or Permit Violated

UCA 40-10-17 (2)(J)
UMC 817.41 (d)(1)
UMC 817.45 (i)

Portion of the Operation to Which Notice Applies

Sediment pond

Remedial Action Required

Reconstruct and maintain sedimentation pond as designed and approved by the State Health Department on December 17, 1981.

Time for Abatement

Forty-five days or no later than October 15, 1982. It should be noted that the embankment had been repaired prior to this inspection.

Inspection Memo
ACT/015/009
November 2, 1982
Page Two

Additional areas of non-compliance were observed along Cottonwood Creek. A berm along the upper access road had been eroded due to the water trucks continual spraying. Water was observed flowing down the road through the berm and eroding the road's downslopes and entering Cottonwood Creek. This would happen every time the water truck sprayed. Additionally, Trail Mountain had cut the trees along the streams edge in order to prepare the creek for the culvert installation. Trees and debris were observed in the creek and along the streams channels. Finally, Trail Mountain had forded Cottonwood Creek in its efforts to repair the sediment pond. The area of access had disturbed the straw bales already in place below the mine area. As a result of these non-compliance areas, NOV 82-7-8-2, #2 of 2 was issued as follows:

Nature of the Violation

Failure to conduct underground coal mining activities in a manner that minimizes changes to the prevailing hydrologic balance in both the mine plan and adjacent areas. Mining within 100 feet of a perennial stream, failure to conduct mining activities to prevent additional contributions of sediment to stream flow or runoff outside the permit area.

Provisions of the Regulation, Act or Permit Violated

UCA 40-10-17 (2)(j)(ii)
UMC 817.41
UMC 817.45
UMC 817.57
UMC 817.171 (c)

Portion of the Operation to Which Notice Applies

1. Access to the sediment pond, Cottonwood Creek stream crossing.
2. Trees and debris cut along creek and left in stream channel.
3. Access road just south of the upper access to the mine, water from the water truck has flowed down the road eroding the berm and the road's downslopes.

Inspection Memo
ACT/015/009
November 2, 1982
Page Three

Remedial Action Required

1) and 2) will be eliminated when Cottonwood Creek's bypass culvert is installed, beginning September 21, 1982, and completed by October 15, 1982 (see NOV 82-7-5-1 as modified on August 27, 1982). 3) repair the berm along the access road where the berm has been breached.

Time for Abatement

One and two - forty-five days, no later than October 15, 1982.

Three - two weeks, no later than September 15, 1982

The operator discussed the possibility of using the sediment from the sediment pond as fill for the Cottonwood Creek bypass culvert installation. After discussing this with Division hydrologist, Wayne Hedberg, he recommended that Trail Mountain have full analyses on this material done before using it as fill. Additional discussion with the operator included the use of areas south of the existing sediment pond as a borrow area for fill during the culvert installation. Mr. Childs was recommended to submit a narrative for any such borrow areas.

KEN WYATT
FIELD SPECIALIST

KW/tck

cc: Tom Ehmett, OSM
Allen Childs, Natomas Trail Mountain Coal Company
Inspection Staff

Statistics:

See Blazon Mine memo, dated September 24, 1982