0001

December 23, 1982

Inspection Memo
to Coal File

#7

RE: Natomas Trail Coal Company
Trail Mountain Coal Mine
ACT/015/009
Emery County, Utah

DATE:	December 8, 1982 and December 9, 1982
TIME:	1:30 p.m. - 4:30 p.m.; 11:15 a.m. - 1:45 p.m.
WEATHER:	Partly cloudy; cool
COMPANY OFFICIAL:	Allen Childs
STATE OFFICIAL:	Ken Wyatt
ENFORCEMENT ACTION:	NOV N82-7-7-1

Compliance with Permanent Performance Standards

771 et al Permits

An approval letter to mine under the interim period from Ron Daniels of the Division dated May 11, 1978 was available. A U.S. Forest Service special use permit dated August 3, 1981, from Ross Butler allows the installation of a water line. This permit allows .25 acres of Forest Service to be developed (900 feet by 12 feet wide). This permit expires December 31, 1990. As of yet, this water line has not been installed.

817.11 Signs and Markers

The mine entrance sign, perimeter markers and buffer zone signs were all posted as required. Additional perimeter markers will be needed to be posted along the area where the Cottonwood Creek bypass culvert was installed to delineate Natomas Trail Mountain's property from the road. These markers could be posted along the berm that delineates the disturbed area.

817.21-.25 Topsoil

The topsoil stockpile has been redistributed over the 48 inch culvert area. This was seeded using hydro-mulch techniques prior to the first snow storm this year. This area should be marked pursuant to UMC 817.11.

817.41-.52 Hydrologic Balance

At the time of this inspection, disturbed area runoff was observed flowing from the disturbed area onto the road and consequently into Cottonwood Creek below the mine area. A water sample was collected and is currently being analyzed. Since this runoff was flowing off the permit area due to a lack of diligent maintenance, NOV 82-7-7-1 was issued as follows:

Notice of Violation N82-7-7-1

Nature of the Violaton

Failure to pass all surface drainage from the disturbed area through a sedimentation pond, a series of sedimentation ponds or a treatment facility before leaving the permit area. Failure to prevent to the extent possible additional contributions of sediment to stream flow or to runoff outside the permit area.

Provisions of the Regulations, Act of Permit Violated

UCA 40-10-18 (2)(i)(ii)
UMC 817.42 (a)(1)
UMC 817.45 (i)

Portion of the Operation to Which Notice Applies

1. The area along the truck loading turnaround where disturbed area runoff was flowing off the permit area onto the mine access road and subsequently into Cottonwood Creek.

2. The area at the upper mine access road crossing where disturbed area runoff was observed flowing off the permit area.

Remedial Action Required - Including Interim Steps (if any)

1. Develop and submit to the Division complete and adequate plans that will effectively control and channel disturbed area runoff into the sediment pond prior to leaving the permit area. Implement these plans immediately upon approval.

2. During the interim period maintain a channel to divert disturbed area runoff through the truck loading area into the sediment pond.

Time for Abatement

1. Submit plans within one week - no later than December 16, 1982. Implement these plans immediately upon approval.

2. Immediately - no later than December 9, 1982. At the time of this inspection a channel was implemented to convey disturbed area runoff through the truck loading area into the sediment pond. This ditch should be maintained until plans have been submitted, approved and implemented according to the NOV.

The old wooden structure that was on the slopes above the sediment pond had been pulled down. The scraps from this structure remained in the sediment pond. This material should be removed at the earliest possible time.

817.52 Surface and Groundwater Monitoring

Surface water monitoring data was available for July and September 1982. No problems were evident from this data. However, an increase in TSS was observed from above the mine to below. Above the mine data indicated TSS levels of 15 milligrams per litre and below the mine, 45 milligrams per litre were observed. At the time of this sampling a turbidity waiver from State Health was in effect for the construction of the bypass culvert.

817.97 Protection of Fish, Wildlife and Related Environmental Values

A letter from Lynn Kunzler of the Division concerning raptor protection on Trail Mountain power lines was observed. According to this letter, U.S. Fish and Wildlife Service has found the design and construction of the existing power lines to be safe to raptors. No modification was required at this time. Any new poles that are installed in the future should be constructed in accordance with the REA Raptor Protection Bulletin .

817.111-.117 Revegetation

Areas that were reseeded prior to significant snowfall included:

1. The sediment pond slopes and embankments.

2. The topsoil area above the 48 inch undisturbed bypass culvert.

The stream slopes that were to be seeded in accordance with the abatement for NOV 82-2-4-1 had not been conducted. Mr. Childs stated that significant snow fell the day that this area was to be seeded. If these slopes melt off and dry out before the next major storm, it is recommended that Natomas Trail Mountain seed these areas either by hand or using hydro-mulch techniques.

817.121-.126 Subsidence Control

Subsidence is periodically monitored by Applied Earth Scientists from Denver, Colorado. Mr. Allen stated that the entire mine area had been flown in October, no results have been returned.

817.150-.176 Roads

Roads in the vicinity of the truck turnaround and weigh station are in need of appropriate drainage control structures. These structures should be detailed and plans submitted as abatement for NOV 82-7-7-1. Drainage in this area has been a problem for some time now with no corrective actions taken. With the abatement of this NOV, future problems in this area should be avoided.

KEN WYATT KW
FIELD SPECIALIST

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cc: Tom Ehmett, OSM
Allen Childs, Natomas Trail Coal Company
Joe Helfrich, DOGM

Statistics:

See Scofield Mine memo dated, December 15, 1982
Grant: A & E