

Inspection Memo to Coal File:

December 11, 1981

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

DATE: December 10, 1981
TIME: 9.00 a.m. to 1:30 p.m.
WEATHER: Clear and Cool
COMPANY OFFICIALS: Andrew King and Allen Childs
STATE OFFICIALS: Joe Helfrich and Jean Dautre
ENFORCEMENT ACTION: NOV# 81-1-9-2 (Permit to Burn Noncoal Waste)

771 et al Permits:

1. Tentative mining approval was granted to Trail Mountain Coal Co., May 11, 1978, and the tentative approval permit number ACT/015/009 was allocated to this mine operation under the interim permit.

2. The USGS 211 plan and the Mining and Reclamation plans were inspected at the mine office.

3. Water monitoring data for the third quarter 1981 along with all data proceeding were checked for compliance within the standards required.

4. NOV N81-1-9-2, 2 of 2 was issued for burning noncoal waste material. A viable permit could not be found at the mine office at the time of inspection. This is in violation of the clean air act. If the company plans to build an incinerator, they should contact Mr. Brent Bradford, Division of Clean Air Quality, P.O. Box 2500, Salt Lake City, Utah, 84110, and submit requirements regarding quantity of burnable rubbish or wood they have to burn.

5. Plans for the construction of a 66 inch culvert, 820 feet long to be built in Cottonwood Creek along the entire disturbed area, have been submitted to the Division of Oil, Gas, and Mining along with plans for upgrading the sedimentation pond at the Trail Mountain Mine. This has been reviewed and approval issued to install the culvert as designed, and to rebuild the existing sedimentation pond to meet the performance standards. (The greater width and capacity required for the disturbed area catchment.) Other approvals will be required from other agencies involved as per letter December 7, 1981, to Mr. Andrew King from D. Wayne Hedberg, Reclamation Hydrologist. Also, a legal description and easement agreement from Utah Power and Light to the Church will be required.

6. A water use claim permit number for water from Cottonwood Creek was observed on a map. This should be shown to the Divisions of Water Rights and establish a prior right to use water from this stream.

817.11/ Signs and Markers:

Adequate mine identification signs and buffer zone markers were posted as required along Cottonwood Creek.

Perimeter markers should be more visible and posted so that a line of sight can be established on two markers at any point above the disturbed area to establish the perimeter line.

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817.21-.25 Topsoil:

Some topsoil was salvaged from the area of the inlet to the 48 inch culvert diversion. It was analyzed and found suitable for use. This soil material was temporarily placed in the storage area behind the garage. A berm was built around the base of the pile to prevent erosion while inspectors were on site.

A topsoil stockpile marker is required to be posted and a NAOC was written requesting this be addressed within 10 days. The topsoil will be used in the spring revegetation program.

817.41-.52 Hydrologic Balance:

Runoff from the disturbed area is channelled down the work pad area by grading a central drainage course down through the work pad, through the loadout area and into the sediment pond. A two foot berm has been built along the bank of Cottonwood Creek to keep water from the disturbed area from draining into Cottonwood Creek.

NOV N81-1-9-2, 1 of 2, was issued for "failure to maintain sediment control measures so as to prevent contributions of additional suspended solids to stream flow or runoff outside the permit area. UMC 817.(i).(1).

The entire berm between Cottonwood Creek and the surface operations on the work pad has problems which pollute Cottonwood Creek; including oil from the old automatic miner, coal fines placed on top of the berm, mine timber tipped over the berm into Cottonwood Creek, coal fines from the loadout, and leaks from the sediment pond. A general cleanup of this area is required including movement of the equipment which overhangs the berm. Time for abatement is 30 days. No later than Saturday, January 9, 1982.

817.52 Surface and Ground Water Monitoring:

NPDES permit UT-0023728 was issued by EPA for the sediment pond and should provide the required detention time for a ten year, 24 hour precipitation event, plus the average inflow from the underground mine. Mine water is discharged irregularly about 500 to 600 gallons a day into the sediment pond.

Water monitoring data through September 30, 1981, were available from three locations on Cottonwood Creek and the roofholes in the mine all were within compliance requirements.

817.17-.74 Disposal of Underground Development Waste:

Little waste is generated in the mine and it is stored below ground. Waste from the sediment pond will be hauled to a landfill.

817.97 Protection of Fish, Wildlife, and Related Environmental Values:

A letter from Utah Power and Light was inspected at the mine office suggesting they would follow with a letter as to conformation that their pole system to the

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mine is raptor protected or would follow with recommendations to bring the lines up to standard, and suggested Natomas could raptor protect their own structures by following suggested practices in a booklet Utah Power and Light supplied from the Division of Wildlife. This letter could have been followed up by Natomas for further assistance.

817.150-.176 Roads:

The haul road contributes sediment to Cottonwood Creek and though it is on LDS property leased to Utah Power and Light, it is used predominately by the Natomas Trail Mountain Coal Co., and is maintained by them. The inspectors have asked the operator to grade a road berm along the creek to retain the sediment into the sediment pond further down the canyon. Straw bales placed along the roadway have not been adequate.


JEAN L. DOUTRE
RECLAMATION OFFICER

cc: Tom Ehmett, OSM DSM
Andy King, Natomas
Inspection Staff

JLD/tr

Statistics: 2 men, 1 day, 6 hours: \$88.94
337 Miles

Grant A and E