

March 22, 1982

Inspection Memo
to Coal File:

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

DATE: March 3, 1982
TIME: 8:00 a.m. - 11:00 a.m.
WEATHER: Clear
COMPANY OFFICIALS: Allen Childs, Andy King
STATE OFFICIALS: Ken Wyatt, Sandy Pruitt
ENFORCEMENT ACTION: NAOC 82-2-1-1

Compliance With Permanent Performance Standards

717.11 Permits et al

Interim approval was granted May 11, 1978. Recent DOGM approvals include:

1. February 18, 1982, approval for the construction of a retaining wall surrounding the substation. No construction has been initiated yet.
2. December 7, 1981, approval for culvert installation in order to upgrade the sediment pond. Conditions to this approval were:
 - A. Natomas should determine if a Army Corps of Engineers' 404 permit is required. DOGM should be informed of the outcome.
 - B. A turbidity waiver during the construction phase should be obtained from State Health, Bureau of Water Pollution Control with the submittal of a sediment and erosion control plan. A copy of this plan should be sent to the Division.
 - C. This requirement has been adequately addressed. State Health issued a construction permit for the sediment pond (based on plans dated July 1981 for a 1.9 ac/ft pond) on December 17, 1981.
 - D. The Forest Service was concerned with the riprap sizing criteria proposed for the culvert outlet in Cottonwood Creek. Depending on the composition of the channel, Natomas is to provide new design plans to prevent erosion of the stream channel. The Division of Water Rights does not have record of any water rights for the Trail Mountain mine facility. A letter from the Natomas office dated January 8, 1982, explained that 20 shares have been allocated for the mine, but the Water Rights Certificate stating that fact had not yet been located. Forms were being processed to change the diversion classification from stock watering to industrial use.

A Special Use permit from the Manti-LaSal Forest Service dated June 16, 1981, authorize construction of a water line approximately 900 feet long from Cottonwood Creek to the water tank.

NPDES permit #UT-0023728 expired on December 31, 1980. A draft permit was examined in the office along with a public notice of the proposal dated January 8, 1982.

817.11 Signs and Markers

An additional perimeter marker is necessary along the disturbed area boundary near the magazine. All other signs and markers appear adequate.

817.13-.15 Casing and Sealing of Exposed Underground Openings.

Openings into the old Robinson Mine have been adequately sealed with cinder blocks and are fenced.

817.21-.25 Topsoil

Topsoil removed in installation of the 48-inch bypass culvert has been temporarily stockpiled behind the office/shop. This stockpile is marked and adequately protected. Topsoil should be redistributed over the regraded installation site this spring so that seeding is conducted during favorable conditions.

817.41-.57 Hydrologic Balance

A minor diversion path established by a line of rock riprap above the inlet to the 48-inch bypass culvert will not divert runoff as presently designed. Channel work is not possible now due to frozen soil conditions and since the drainage is minimal, the necessary channel establishment and berm construction can be postponed until the ground thaws. The operator should monitor this in order to complete the work during the first favorable conditions to establish a more functional design for the runoff season.

Poor drainage along the road section/loadout area between the upper and lower stream crossings has allowed for an excessive accumulation of mud particularly in the area between the coal stockpile and the sediment pond inlet. Water and mud ponding on the lower crossing was being carried out (or plowed out) by the haul trucks. NAOC 82-2-1-1 was issued for poor design and maintenance of the drainage system. A more adequate drainage design was discussed entailing the re-establishment of the road grade to drain runoff into a ditch to the sediment pond constructed along the base of the highwall. The depression in the lower crossing should be filled in and the surface elevated to facilitate drainage in the direction of the pond.

Mud has been graded off the road and is being stockpiled along the upstream perimeter of the sediment pond. This appears to be the most suitable location as long as the stockpile does not impede drainage into the pond. The material will be hauled to a county landfill with sediment removed from the pond during reconstruction.

The berm along the access road in between crossings is in need of maintenance.

817.71-.74 Disposal of Underground Development Waste and Excess Spoil

Underground development waste is stored underground in inactive sections.

817.89 Disposal of Noncoal Waste

The noncoal waste storage area was nearly full. Cox Construction Company hauls the trash and waste at irregular intervals.

817.97 Protection of Fish, Wildlife and Related Environmental Values

Natomas has chosen to fulfill option 2 of the raptor protection policy letter dated February 26, 1982.

817.111-.114 Revegetation

Natomas is presently planning to seed only the 48-inch culvert area following topsoil redistribution in the spring.

817.121-.126 Subsidence Control

Natomas proposes an annual survey consisting of aerial photographs and maps compiled by a private contractor. This monitoring program is not yet approved by either DOGM or the Forest Service.

817.150-.176 Roads

As discussed under Hydrologic Balance above, all roads need grade and berm maintenance.

for Betty J. Bavela
SANDY BRUITT
RECLAMATION OFFICER

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

SP/btb

Statistics:

See Utah #2 Mine memo dated March 8, 1982
Grant: A & E