

June 12, 1985

TO: Coal File, Inspection and Enforcement Folder
FROM: Sandy Pruitt, Mining Field Specialist *SP*
RE: Trail Mountain Mine, Trail Mountain Coal Company,
ACT/015/009, Folder No. 7, Emery County, Utah

DATE: May 24, 1985
TIME: 9:30 a.m. - 12:00 p.m.
WEATHER: Fair, warm
COMPANY OFFICIAL: Allen Childs
STATE OFFICIAL: Sandy Pruitt
ENFORCEMENT ACTION: None

Compliance With Permanent Performance Standards

UMC 771 et al Permits

Trail Mountain Coal Company has not received any modifications or approvals from DOGM since the Mining and Reclamation Permit was granted on February 20, 1985. The stipulations to the permit have been responded to. In response to stipulation 817.41-(1), a borehole will be drilled on Monday June 17, 1985 to try and locate the Star Point aquifer.

The State Department of Health granted a construction permit on May 9, 1985, for direct discharge of mine water into Cottonwood Creek. An April 30, 1985 DOGM approval was conditional upon that authorization. The mine discharge pipeline inspected from the mine sumps to the discharge point was in line with that proposed in the submittal to the Dept. of Health (presented at the Mine office). The sump pump at the intake was not raised two feet off the bottom yet and a flow meter still needed to be installed at the discharge point. The available meter had a reading of 1012.

UMC 817.11 Signs and Markers

One of three mine identification signs provides adequate information as required by UMC 817.11(c)(2). Buffer zone markers, perimeter markers and a topsoil marker are posted as required and clearly visible.

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UMC 817.23 Topsoil

Revegetation success on the topsoil stockpile area over the 48 inch bypass culvert was marginal.

UMC 817.41 - .57 Hydrologic Balance

Runoff control measures were in very good condition at the time of this inspection.

The pipeline to discharge mine water into Cottonwood Creek was installed. A flow meter must be installed at the discharge point and the sump pump at the intake must be raised two feet from the floor as required by the Department of State Health construction permit.

Trail Mountain had arranged for Nielson Construction to clear the debris around the sediment pond decant inlet, to pour lining (asphalt or, more likely, cement) in the diversion along the road, to round off cuts in the highwall above the loadout, and to construct the 66 inch bypass culvert inlet trash rack.

The sediment pond inspection log for biweekly inspections was up to date to May 17, 1985. No problems were reported. Mine water was discharged into the sediment pond on March 24, 1985, the pipeline to Cottonwood Creek was installed from May 13 - 17, 1985. On May 17, 1985 a small quantity of mine water was reportedly discharged.

Water monitoring data examined for the period from January 1985 to March 28, 1985 was in compliance.

UMC 817.100 Contemporaneous Reclamation

The old access area east of the sediment pond and the old storage area near the man entry portal have revegetated moderately with the first year's growth. The best revegetation success is evident on the test plot. The sediment pond embankments have revegetated well also.

UMC 817.101 - .103 Backfilling and Grading

Just prior to this inspection Trail Mountain began cutting the highwall along the west end of the loadout area in order to make more space available within the loadout yard to stockpile from 25 to 30 thousand ton of coal. This is, reportedly, a requirement for a sales contract expected to reactivate the mine in July 1985. The excavated material is being stockpiled in a storage area at the west end of the permit area for use as backfill in final reclamation.

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Allen Childs contacted this inspector on May 20, 1985 to determine whether a permit modification was necessary to cut away the highwall. I indicated to him that a modification is necessary and advised him that as long as Trail Mountain contained the excess spoil material inside the permit area OSM would not be involved in the permit review and it could be a simple process.

UMC 815.150 - .176 Roads

It appeared that the excavation work completed along the loadout highwall at the time of this inspection could effectively stabilize the steep slope. A road bench from the loadout to the tipple would remain along the slope. It is expected that contouring the slope below the fan will regrade several gullies on the downslope. Coal will be spread over the surface of the slope to prevent contamination of the coal stockpile by material picked up off of the highwall. If the final configuration of the highwall departs appreciably from the approved plans, enforcement action will be warranted because the approved cut slopes and the associated stability factors determined for the highwall in Appendix two of the MRP will be modified without DOGM approval. This will be checked on the next inspection.

jvb
cc: Donna Griffin, OSM
Allen Childs, Trail Mountain
J. Helfrich, DOGM
J. Whitehead, DOGM

Statistic: See Belina Mine Memo dated June 7, 1984, Grant A & E

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