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State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
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October 28, 1993

Mr. Tom Paluso, Chief Engineer
Soldier Creek Coal Company
P. O. Box 1029
Wellington, Utah 84542

Re: NOV 93-38-1-3 Abatement Plans, Soldier Creek Coal Company, Soldier Canyon Mine, ACT/007/018, Folder #5, Carbon County, Utah

Dear Mr. Paluso:

The Division has completed a review of the plans Soldier Creek submitted for the abatement of NOV 93-38-1-3. Although for the most part the plans address a large portion of the NOV abatement, there still remain a few issues which have not been adequately addressed. Please refer to the enclosed technical memo which discusses the deficiencies. The NOV has been extended to allow for the submittal of additional abatement information. Please review the memo and respond in accordance with the revised abatement schedule.

If you have any questions, please call me or Sharon Falvey.

Sincerely,

A handwritten signature in black ink that reads "Daron R. Haddock".

Daron R. Haddock
Permit Supervisor

Enclosure
cc: S. Falvey
SHARABAT.SC3





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October 26, 1993

TO: File

THRU: Daron Haddock, Permit Supervisor

FROM: Sharon Falvey, Senior Reclamation Hydrologist *SF*

RE: NOV 93-38-1-3 Abatement Submittal, Received October 22, 1993, Soldier Creek Coal Company, Soldier Canyon Mine, ACT/007/018, Folder #2, Carbon County, Utah

SUMMARY:

The Division received the operators submitted abatement information to address NOV 93-38-1-3 for parts 1 through 3 on October 22, 1993. However, the operator has failed to provide a certification of authorized representative and an "Application for a Permit Change" form. The operator should be aware that any permit change requires an amendment forms. Submitted information also contains deficiencies and cannot be considered adequate to abate the violations at this time.

ANALYSIS:

Violation 1 of 3

The operator submitted the certified cross sections for a typical access road and the number one fan road. Previously contained information, including limits for width and grade, required according to R645-301-534.200 have been removed.

The operator has also removed information on road drainage for the portal access road that is required according to R645-301-742.400. Two ditches are shown along the portal access road on Exhibit 7-32-1. The drainage design from this road must be presented and certified. If these designs already exist, they may be cross referenced to the applicable maps and designs.



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In order to allow the operator to provide complete information with the certification, a modification to the violation was completed extending the due date to November 2, 1993.

Violation 2 of 3

The operator submitted drainage designs for the berm and ditch at the Number One Fan Road. According to the topographic lines on Exhibit 7.32-1 there is an additional drainage ditch on the north east side of the road. The operator does not identify or discuss the drainage for this ditch.

Designs were presented for the fan road berm system. However, the berm associated with the road above the fan is not identified or designed and, the gravel berm below the fan is not designed. The berm below the fan should be designed for depth using the minimum slope. In general, the operator has not presented the minimum design; using minimum slope for depth and maximum slope for velocity determinations. Minimum berm dimensions are not presented. Generally, a berm design will have minimum height and width presented. However, in the presented case, the "berm" may more closely approximate a ditch.

Violation 3 of 3.

Information concerning the location of the power lines is shown on the revised map. Electrical lines lead from the substation to an area outside the permit boundary and, across the stream ending near the portal headwall. Another line leads to the substation at the No. 2 fansite then continues to the REI facilities. The operator must include the power lines which are used for coal mining and reclamation operations within their permit boundary and identify the area affected by the operations. The change in permit boundary and disturbed area would be considered an incidental boundary change. The operator should also make sure the reclamation plans consider the identified power lines.

N93-1-3A.MEM