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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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July 2, 1985

CERTIFIED RETURN RECEIPT REQUESTED
(P402 457 196)

Mr. Robert Eccli
Mine Engineer
U. S. Fuel Company
Hiawatha, Utah 84527

Dear Mr. Eccli:

RE: Abatement Plan for Notice of Violation N84-4-8-8, #8 of 8,
Hiawatha Complex, ACT/007/011, #3 and #7, Carbon County,
Utah

As a result of the field visit and inspection of the Middle Fork Road at the Hiawatha Mine site June 19, 1985 by Division personnel and myself, a determination of erosion control measures for final abatement for Notice of Violation (NOV) N84-4-8-8, #8 of 8, was specified. A reiteration of these measures follows:

1. The road shoulder will be graded and loose road material removed and transported from the area. This activity will start from a point immediately below the Middle Fork sediment pond, and extend down the road to a location at the catch basin near the South Fork drop culvert inlet. The road shall be graded in such a manner so as to prevent concentration of flow and consequent channelization of runoff occurring down the road. In a previous abatement plan, the Company has committed to a road grading maintenance program to follow the annual winter season. An exception to that grading program involves an area approximately one-half mile below the Middle Fork pond. There, runoff will be channelized off the road and into a buffer zone above the Middle Fork stream channel.

2. There are at least two areas along the road near guardrail supports where gullying is extensive enough to require backfilling with riprap material. The gullies should be filled in with riprap to the road shoulder surface and should be similar in size to material used in the Company-constructed check dams.
3. To handle erosion and minimize sediment contribution to the South Fork drainage culvert (located in the lower portion of the Middle Fork road), the Division suggests the following:
 - A. The Company should consider diverting the road drainage into the existing catch basin. By estimating a 60-70 percent vegetative cover condition on the reseeded borrow area, thereby effectively reducing the previously approved curve number (see Map F-533, MRP), the Division calculates that the catch basin will handle additional runoff and sediment from the road shoulder with virtually no change in pond sizing requirements from that submitted in the original plan September 13, 1984.
 - B. If the Company concurs with the use of the catch basin for runoff control, a small area exemption request must be requested from the Division for the additional runoff area. The area is outlined in red on the enclosed map and equals approximately 0.90 acres.
 - C. The Division will approve use of the catch basin under the following conditions:
 - The Company must commit in writing to provisions of the small area exemption outlined in UMC 817.42(a)(3);
 - Map F-533 (from the Mining and Reclamation Plan) must be resubmitted to include the 0.90 acre drainage area (see enclosed copy);
 - It must be demonstrated that the new diversion ditch routed to the catchment basin can be sized to carry peak flows from the 10-year, 24-hour storm event (show typical cross-sectional channel configuration).

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The Division will include a copy of our calculations regarding the catch basin capacities to supplement the plan submitted by the Company. Approval will be granted by the Division for abatement of N84-4-8-8, #8 of 8 if the Company commits to Stipulations 1 through 3 in writing and submits appropriate plans by July 15, 1985. Once approved, the plans must be implemented by September 1, 1985.

If you have further questions concerning this matter, please contact me anytime.

Sincerely,



Dave Hooper
Reclamation Hydrologist

btb
cc: Allen Klein
Lowell Braxton
Wayne Hedberg
Joe Helfrich
Bart Kale
Dave Lof
0338R-28-30