



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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November 25, 1988

TO: File

From: David Darby, Geologist 

RE: Request to Revise Water Monitoring Plan, Hiawatha Mine Complex, U. S. Fuel Company, ACT/007/011-88A, File Folder #2, Carbon County, Utah

Synopsis

U.S. Fuel Company requested in a letter dated October 25, 1985 to modify their surface water monitoring plan. Surface water monitoring stations ST-6 and ST-6A would be deleted from the monitoring schedule. These locations were established to assess impacts from mining coal reserves to the west which U. S. Fuel Company has relinquished to IPA.

U. S. Fuel Company also has requested to delete surface water monitoring station ST-2A from their monitoring program. This station is on the right fork of Miller Creek. This station is located below an intake portal which is treated by sediment control structures before discharging into the stream. The stream is monitored 400 feet upstream (Site ST-2) and is diverted into a pipeline 50 feet below the ST-2A for culinary mine water use. Usually the flow does not return to the the stream, but in the event it does does it would be monitored at station ST-2B above the confluence. The operator contends there is little reason to monitor site ST-2A.

All surface monitoring sites are indicated on Exhibit VII-1, Volume 2 of U. S. Fuel Company's Mining and Reclamation Plan.

Analysis

The Division agrees that surface water monitoring stations ST-6 and ST-6A established in Cedar Creek for monitoring the southern coal leases are not necessary until coal mining commences in that area.

A comparison of water quality data between sites ST-6 and ST-6A indicate there has not been a significant change in the levels of monitored constituents. The intake pad area has been left undisturbed and vegetation has been allowed to grow to help stabilize the area. Due to these factors and those mentioned above continued monitoring at sited ST-2A will not yield exceptional information.

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Conclusion and Recommendation

U. S. Fuel Company may delete stations ST-6, ST-6A and ST-2A from their surface water monitoring plan. In the event surface disturbance is conducted in the vicinity of Cedar Creek or at the intake portal, these stations will have to be reestablished.

dwd/DWD

cc. Sue Linner
~~R. Hagen~~
R. Summers
1565R