

0010



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

August 21, 1979

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

RE: Hydrologic Monitoring Plans
U.S. Fuel, Hiawatha
King Mines
ACT/007/011

Dear Bob:

The Division appreciates your response of August 13, 1979 and Mr. Frank E. Colosimo's response of July 13, 1979, dealing with changes to U.S. Fuel's Hydrologic Monitoring Plans for the King Mines. All items, except #4 and #6, can be expected.

With regard to item #4, surface stream sampling frequencies, the Division feels that to adequately define the influence (or lack thereof) of the mining operation on the flow and water quality, an intensive water sampling program must be carried out. To gain an understanding of the variations the Division proposes monthly sampling for a baseline period. Once the system has been defined, the sampling schedule may be reduced to a quarterly monitoring of surface waters with Division approval.

The Division feels that surface monitoring stations should be located above and below the disturbed areas. This will give control on what the natural or background values are and allow for determinations of the influences of the mining operation. At the very minimum, sampling below the disturbed area is acceptable with monthly sampling and if the drainage area above the disturbed area is small.

Mr. Robert Eccli
August 21, 1979
Page Two

The Division proposes that the following surface stream stations be sampled during the baseline period on a monthly basis:

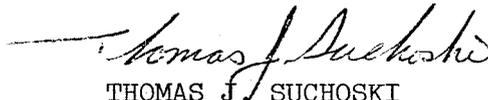
Station 1 - Right fork of the north fork of Miller Creek
Station 2b- Left fork of the north fork of Miller Creek
Station 5 - Miller Creek
Station 6 - Cedar Creek

The remaining stations can be sampled on a semi-annual basis.

Item #6 deals with the annual reporting frequency proposed by U.S. Fuel. Such a reporting schedule, as proposed, is unacceptable to the Division. An annual reporting schedule does not allow the review of results of analysis to determine the influences of the mining operation. The Division feels that quarterly reporting allows the review of a season's results and for variations to be made to the program to better define the system. For this reason, the Division will require quarterly reporting.

If these points are acceptable to U.S. Fuel, the Division feels that the plan is approvable. The Division will be willing to discuss any differences with U.S. Fuel's representatives.

Sincerely,



THOMAS J. SUCHOSKI
RECLAMATION HYDROLOGIST

TJS/te