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STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

April 4, 1983

Mr. Kerry Frame
Southern Utah Fuel Company
P.O. Box P
Salina, Utah 84654

RE: Sediment Pond Water Samples
Convulsion Canyon Mine
ACT/041/002
Folder No.'s 7 & 9
Sevier County, Utah

Dear Kerry:

Enclosed please find copies of the analytical results of the water samples collected during my March 9th inspection. As you can see from these analyses the influent to the sediment pond contained 604 mg/l TSS with a TDS of 1526 mg/l. The pond's effluent at this time was 102 mg/l TSS with a corresponding TDS of 1782 mg/l.

At the time of collection the pond was removing approximately 83% of incoming TSS. This figure does not take into account inputs from the sediment pond access road drainage.

It is interesting to note that TDS exhibited a 16% increase from the pond's influent to the effluent. This correlates with conductance data collected simultaneously in that there was an increase in conductance between influent and effluent, however the conductance increase was only 2.5%.

Should you have any question or comments about these results feel free to contact me and we can discuss it.

Sincerely,

A handwritten signature in cursive script that reads "Ken Wyatt".

KEN WYATT
FIELD SPECIALIST

KW/lm

Enclosure

cc: Joe Helfrich, DOGM
Rick Summers, DOGM