



**Southern Utah
Fuel Company**

P.O. Box P
Salina, Utah 84654
(801) 529-7428
(801) 637-4880 (Mine)

**Subsidiary of
Coastal States
Energy Company**

October 23, 1981

Sandy Pruitt
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Dear Sandy:

I received your October 19th inspection memo regarding your September 23, 1981 visit. This letter is our response to some of the points made in your memo.

The water sample analysis reports taken during the early September precipitation event are enclosed for your information. These reports should be used to compare mine water discharge quality with the quality of the stream receiving mine water drainage. When further precipitation events happen, we will try to acquire additional samples to add to this data. It appears from the September data that the mine activity is not a source of water pollution to the impacted stream channel.

You mentioned in the last paragraph of your memo that the "filter channels" on the sediment trap had been covered to minimize contamination from air born fines. The channels in question were indeed covered with conveyor belt material to prevent air born fines from contaminating them. However, the channels did not and do not provide a filtering function. Overflow from the retaining area of the tank is carried away from the tank via these channels to the 24 inch culvert which conveys water through the fill to the sediment pond. The overflow from the trap is contained with the covers no more than it was without the covers. In addition, you noted that the trap was nearly full at the time of the inspection. The trap is normally full of water at all times since the drain is always left closed to capture precipitation run-off. The drain is used to decant water from accumulated sediment before cleaning the tank. The only times the tank will be empty will be after the sediment clean out operation and before precipitation run-off has filled it again.

#7H #9

file
ACT/041/002
Wayne has
copy of data.

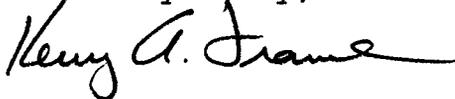
OCT 28 1981

Sandy Pruitt
October 23, 1981
Page 2

You reiterated concern in the mine inspection report about the area several miles remote from the minesite where borrow material was obtained by Rasmussen Construction Company for the repair of the county road landslide between the minesite and Interstate 70. We don't believe your inspection reports should discuss this remote area.

We are pleased to work with you in the solving of environmental problems at Southern Utah Fuel Company, Sandy. This letter is intended only to clarify our view of the topics in your memo. If you feel further discussion of them is needed, we will make ourselves available at your convenience.

Yours very truly,

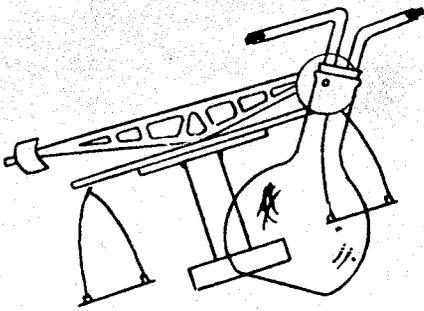


Kerry A. Frame
Chief Engineer

KAF:dlj

Enclosures

xc: Ron Sassaman
OSM, Denver
Keith Welch
Midvale



Ford Chemical LABORATORY, INC.

Bacteriological and Chemical Analysis

40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115

PHONE 466-8761

DATE: 10/05/81

CERTIFICATE OF ANALYSIS

SOUTHERN UTAH FUEL
P.O. BOX P
SALINA, UTAH
(KERRY FRAME) 84654

81-007264

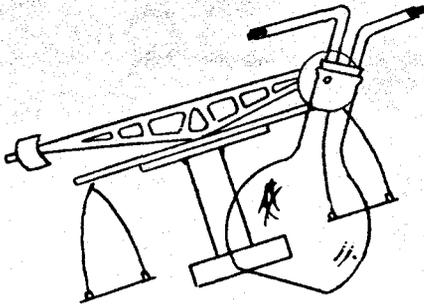
SAMPLE: EFFLUENT WATER SAMPLES RECEIVED 9-14-81 UNDER P.O. 5974.

9-8-81 001
SED. POND 9-9-81
OVERFLOW 15:20
PIPE (MINE DISCHARGE)

	9-8-81	9-9-81
Acidity as CaCO ₃ mg/l	5.40	12.60
Alkalinity as CaCO ₃ mg/l	60.00	210.00
Iron as Fe (Total) mg/l	.260	.246
Oil and Grease mg/l	14.80	<.01
Suspended Solids mg/l	72.0	20.0
Total Diss. Solids Mg/l	1,475	415
pH Units	7.60	8.10

} 1547 } 435 T.S.

FORD CHEMICAL LABORATORY, INC.



Ford Chemical

LABORATORY, INC.

Bacteriological and Chemical Analysis

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P.O. BOX P
SALINA, UTAH
(KERRY FRAME) 84654

81-007263

SAMPLE: STREAM WATER SAMPLES FROM EAST SPRING CANYON ^{50'} ABOVE MINE
RECEIVED 9-14-81 UNDER P.O. 5974.

9-8-81 9-9-81
9:33 AM 15:30

	9-8-81	9-9-81	
Acidity as CaCO ₃ ms/l	2.70	<.01	
Alkalinity as CaCO ₃ ms/l	110.00	86.00	
Iron as Fe ms/l	.150	.136	
Suspended Solids ms/l	1,024	532	} 1532 T.S.
Total Diss. Solids Ms/l	180	1,000	
pH Units	7.90	8.10	

FORD CHEMICAL LABORATORY, INC.