

**utah
power**& LIGHT COMPANY
MINING DIVISION

Field Office

P. O. Box 1005

Huntington, UT 84528

(801) 653-2312

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March 9, 1988

RECEIVED
MAR 11 1988DIVISION OF
OIL, GAS & MINING

Patrick Godsil, Chief
Permits Administration, Compliance Branch
U.S. Environmental Protection Agency, Region VIII
999 18th Street (8WM-C)
Denver Place, Suite 500
Denver, CO 80202-2405

-and-

Mr. Steve McNeil
Utah State Department of Health
Division of Environmental Health
Bureau of Water Pollution Control
P. O. Box 16690
288 North 1460 West
Salt Lake City, UT 84116-0690

Re: Wilberg Coal Mine, Emery County, Utah
NPDES Permit UT-0022896-003A

Gentlemen:

This letter is written notification that NPDES permit UT-0022896-003A (Wilberg Mine - Sediment Pond) has exceeded its stated effluent limitation.

In December the Wilberg Mine Sediment Pond experienced problems meeting the oil and grease effluent limitation. The problem arose when ice on the pond caused the water level to be forced down to the water discharge siphon point. To alleviate this situation an extension was to be added if the flow persisted. Pond inspections in January and February revealed that the flow had ceased. As a result, the siphon extension project was delayed due to the ice thickness and possible damage to the standpipe if the ice were removed. On a recent pond inspection (March 1, 1988) reduction in the ice thickness was substantial and flow rate was measured at 5.5 gallons per minute. Oil and grease content of the sample collected was analyzed and reported at 11.0 mg/l, one mg/l over limitation set at 10 mg/l. Additional samples will be collected to verify the reduction in the oil and grease content as the ice recedes.

Messrs. Godsil and McNeil
March 9, 1988
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If you have any questions, please call me.

Sincerely,



Charles A. Semborski
Senior Geologist/Hydrologist

CAS/sh/1058

Enclosures

cc: R. Christensen
J. Hislop
M. Moon
V. Payne
C. Sudweeks, Bureau of Water Pollution Control
DOGM - Hydrologist



COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • (312) 953-9300

SINCE 1908

Member of the SGS Group (Société Générale de Surveillance)

PLEASE ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020, HUNTINGTON, UT 84528
TELEPHONE: (801) 653-2311

March 04, 1988

Job No.: 9141
Date Rec'd: March 1, 1988
Date Sampled: March 1, 1988
Sampled By: UP&L

Sample ID:
WILBERG MINE
Sediment Pond Discharge
Temp. 34
Flow 5.5 gpm
Time Sampled 13:10
Time Rec'd 4:25 p.m. hr.

UTAH POWER & LIGHT CO.
P.O. Box 1005
Huntington, Utah 84528

WATER ANALYSIS

Acidity	29	mg/l CaCO ₃	Magnesium	54.40	mg/l
03/02/88		11:05 a.m. hr.	03/03/88		12:10 hr.
Alk., Carbonate	1<	mg/l CaCO ₃	Manganese	0.04	mg/l
03/02/88		10:45 a.m. hr.	03/03/88		11:45 hr.
Alk., Total	254	mg/l CaCO ₃	Oil and Grease	11.0	mg/l
03/02/88		10:45 a.m. hr.	03/03/88		2:00 hr.
Anions, Total	76.09	meq/l	pH	8.02	Units
			03/01/88		4:33 hr.
Calcium	156.5	mg/l	Potassium	8.30	mg/l
03/03/88		12:05 hr.	03/03/88		11:25 hr.
Cations, Total	76.40	meq/l	Sodium	1486.00	mg/l
			03/03/88		1:30 hr.
Chloride	2300.0	mg/l	Solids, Dissolved	2886.0	mg/l
03/03/88		2:00 p.m. hr.	03/02/88		1:15 hr.
Conductivity	6220	umhos/cm	Solids, Setteable	1.0<	mg/l
03/02/88		3:45 hr.	03/02/88		9:00 hr.
Hardness, Total	615	mg/l CaCO ₃	Solids, Suspended	16.0	mg/l
			03/02/88		1:15 hr.
Iron	0.09	mg/l	Sulfate	321.0	mg/l
03/03/88		11:55 hr.	03/03/88		10:30 hr.
Iron, Dissolved	0.09	mg/l			
03/03/88		11:55 hr.			

RECEIVED

MAR 4 1988

ANALYST: D. Lyon

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

MINING DIV.
FIELD OFFICE

M. C.
Manager, Huntington Laboratory