

ACT/015/018
#2

June 13, 1989

RECEIVED
JUN 19 1989DIVISION OF
OIL, GAS & MINING

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

and

Mr. Rick Smith
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Deer Creek Mine Water Bypass to Sedimentation Pond

Gentlemen:

On June 4, 1989, at approximately 1530, the mine discharge line, which helps supply makeup water to the Huntington Power Plant, ruptured near the Plant's coal pile (see Map CM-10673-DR). The water was starting to undercut the footer for a large steel transmission line structure (345 KV). For obvious safety reasons, the water was diverted to the sedimentation pond until the line could be repaired and the structure determined secure.

The sedimentation pond had recently been decanted so the diverted mine water was contained in the structure. A leaky discharge valve, however, did allow a discharge of the pond water into Deer Creek. The flow ranged from 0 to 60 gpm. A water sample of the discharge was analyzed and results indicated that the NPDES Permit limits were not exceeded. Please find enclosed analysis.

The water line was repaired and placed back in service at approximately 1700, June 5th. Diversion of mine discharge water was stopped at that time.

If you should have any questions, please call me at 687-9821, ext. 263.

Sincerely,

A handwritten signature in cursive script that reads "Guy Davis".

Guy Davis
Environmental Engineer

GD:do
Enclosure



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

June 13, 1989

Job No.: 9736
Date Rec'd: June 5, 1989
Date Sampled: June 5, 1989
Sampled By: UP&L

Sample ID:
DEER CREEK SEDIMENT POND
Rec'd 1145 hr.
Sampled 0840 hr.

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

WATER ANALYSIS

Acidity	14 mg/l CaCO ₃	Magnesium	73.60 mg/l
06/12/89 1600 hr.		06/08/89 1345 hr.	
Alk., Carbonate	1< mg/l CaCO ₃	Manganese	0.04 mg/l
06/09/89 1530 hr.		06/08/89 1400 hr.	
Alk., Total	375 mg/l CaCO ₃	Oil and Grease	1.8 mg/l
06/09/89 1530 hr.		06/05/89 1700 hr.	
Anions, Total	24.88 meq/l	pH	7.80 Units
		06/05/89 1540 hr.	
Calcium	159.6 mg/l	Potassium	7.40 mg/l
06/08/89 1315 hr.		06/08/89 1415 hr.	
Cations, Total	25.60 meq/l	Sodium	265.00 mg/l
		06/08/89 1300 hr.	
Chloride	350.0 mg/l	Solids, Dissolved	1445.0 mg/l
06/07/89 1400 hr.		06/05/89 1630 hr.	
Conductivity	1600 umhos/cm	Solids, Settleable	0.05 < mg/l
06/09/89 1300 hr.		06/07/89 1030 hr.	
Hardness, Total	702 mg/l CaCO ₃	Solids, Suspended	23.0 mg/l
		06/05/89 1630 hr.	
Iron	0.24 mg/l	Sulfate	370.0 mg/l
06/08/89 1330 hr.		06/12/89 1335 hr.	
Iron, Dissolved	0.11 mg/l		
06/08/89 1330 hr.			

ANALYST: D. Lyon

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

MINING DIV.
FIELD OFFICE

Manager, Huntington Laboratory

OVER 40 BRANCH LABORATORIES STRATEGICALLY LOCATED IN PRINCIPAL COAL MINING AREAS,
TIDEWATER AND GREAT LAKES PORTS, AND RIVER LOADING FACILITIES