

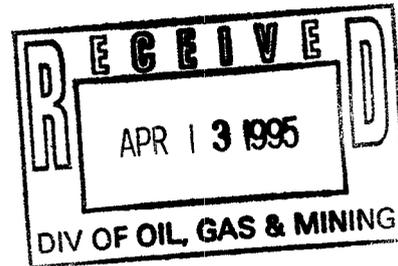


Coastal
The Energy People

*Route to ~~Dakon~~
and Henry then*
April 10, 1995

*file ACT1007005
#36*

Utah Coal Regulatory Program
Division of Oil, Gas, and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203



*copy for
Steve (PEO)*

Dear Sirs:

Enclosed are two laboratory analysis of gob material hauled during the fourth quarter of 1994 to the Scofield Waste Rock Disposal Site.

There were no activities at the Scofield Waste Rock Disposal site during the first quarter of 1995.

Sincerely,

Keith W. ZoBell

Keith W. ZoBell
Environmental Coordinator

Utah Fuel Company

A SUBSIDIARY OF THE COASTAL CORPORATION
P O BOX 719 • HELPER UT 84526-0719 • 801/637-7925 • FAX 801/637-7929 • SALT LAKE 801/596-7111



COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 708-953-9300 FAX: 708-953-9306

SINCE 1908

Member of the SGS Group (Société Générale de Surveillance)

PLEASE ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020, HUNTINGTON, UT 84528
TEL: (801) 653-2311
FAX: (801) 653-2436

February 14, 1995

UTAH FUEL COMPANY
P.O. Box 719
Helper, Utah 84526

Sample identification by
UTAH FUEL COMPANY

Kind of sample reported to us Soil

Sample taken at Utah Fuel

Scofield Waste Rock
1 Bag

Sample taken by Utah Fuel

Date sampled November 2, 1994

Date received January 12, 1995

Analysis report no. 59-176750

SOIL ANALYSIS

pH 7.1 units
Conductivity 1.09mmhos/cm
Saturation % 46.0

Rock Fragments 0.0 %
Total Nitrogen 1.01 %
Nitrate-nitrogen 0.54 mg/kg
Organic Carbon 81.7 %

PARTICLE SIZE ANALYSIS

% Sand 81.2
% Silt 11.0
% Clay 7.8

Total Available Selenium
0.06 mg/kg
Total Available Boron
1.05 mg/kg

TEXTURE Loamy Sand

SOLUBLE CATIONS

Calcium 7.54 meq/l
Magnesium 3.05 meq/l
Sodium 0.88 meq/l

Available Water Capacity
7.9 (1/3)
7.8 (15)

Sodium Adsorption Ratio 0.38

ACID BASE POTENTIAL

Maximum Acid Potential 0.00 tons CaCO₃/ 1000 tons
Neutralization Potential 12.3 tons CaCO₃/ 1000 tons
Acid-Base Potential 18.7 tons CaCO₃/ 1000 tons

Max AP = 31

or

Larry Steert

NO₃ Extractable (FeS₂)

or
HCl Extractable (SO₄)

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory



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

F-465/059/95

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February 14, 1995

UTAH FUEL COMPANY
P.O. Box 719
Helper, Utah 84526

Sample identification by
UTAH FUEL COMPANY

Kind of sample reported to us Soil

Sample taken at Utah Fuel

Scofield Waste Rock
1 Bag

Sample taken by Utah Fuel

Date sampled November 28, 1994

Date received January 12, 1995

Analysis report no. 59-176751

SOIL ANALYSIS

pH 7.3 units
Conductivity 1.53mmhos/cm
Saturation % 36.8

Rock Fragments 0.0 %
Total Nitrogen 0.79 %
Nitrate-nitrogen 3.92 mg/kg
Organic Carbon 50.3 %

PARTICLE SIZE ANALYSIS

% Sand 86.4
% Silt 8.8
% Clay 4.8

TEXTURE Loamy Sand

Total Available Selenium
0.02 mg/kg
Total Available Boron
0.50 mg/kg

SOLUBLE CATIONS

Calcium 7.62 meq/l
Magnesium 4.19 meq/l
Sodium 3.55 meq/l

Available Water Capacity
4.5 (1/3)
3.9 (15)

Sodium Adsorption Ratio 1.46

ACID BASE POTENTIAL

Maximum Acid Potential 0.00 tons CaCO₃/ 1000 tons
Neutralization Potential 90.4 tons CaCO₃/ 1000 tons
Acid-Base Potential 13.1 tons CaCO₃/ 1000 tons

MAX AP
103.5
OR
77.3
Sheridan
Gal

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

[Signature]
Manager, Huntington Laboratory

