



**Coastal**  
The Energy People

January 5, 1995

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

Re: Scofield Waste Rock Disposal  
Certified Report of Activities

*Route to Aaron,  
Open file  
ACT/04/11  
ACT/007/005 #6*

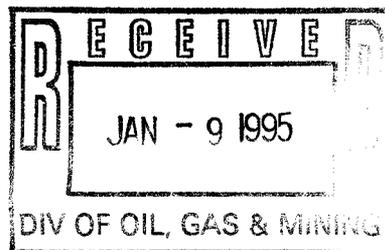
Dear Sirs,

Attached is our certified report of activities at the Scofield Waste Rock Disposal site for the fourth quarter of 1994.

We have also enclosed laboratory reports for two samples taken of the gob material.

Sincerely,

*Keith Zobel*  
Keith Zobel  
Environmentalist  
Utah Fuel Company



KZ:dk  
Attachment

DOGMO105.KZ

**Utah Fuel Company**

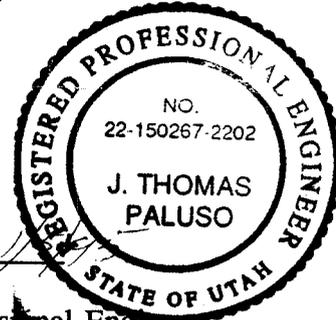
A SUBSIDIARY OF THE COASTAL CORPORATION  
P O BOX 719 • HELPER UT 84526-0719 • 801/637-7925 • FAX 801/637-7929 • SALT LAKE 801/596-7111

January 5, 1995

I, J. Thomas Paluso do hereby certify that during the fourth quarter of 1994 approximately 4,423 cubic yards of gob material was hauled to the Scofield Waste Rock Disposal site. All material was spread and compacted. Inspections of the site did not reveal any appearances of instability, structural weakness or other hazardous conditions.



J.T. Paluso  
Registered Professional Engineer  
Utah Registration No. 22-150267-2202





# 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

December 12, 1994

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

Sample identification by  
UTAH FUEL COMPANY

Kind of sample reported to us Coal

Sample taken at Utah Fuel

Soil Sample  
1 Bag

Sample taken by Utah Fuel

Date sampled September 21, 1994

Date received November 10, 1994

Analysis report no. 59-174906

## SOIL ANALYSIS

pH 6.9 units  
Conductivity 1.58mmhos/cm  
Saturation % 43.3

Rock Fragments 0.00 %  
Total Nitrogen 0.18 %  
Nitrate-nitrogen 0.48 mg/kg  
Organic Carbon 66.0 %

### PARTICLE SIZE ANALYSIS

% Sand 76.2  
% Silt 12.8  
% Clay 11.0

TEXTURE Sandy Loam

Total Available Selenium  
0.04 mg/kg  
Total Available Boron  
0.87mg/kg

### SOLUBLE CATIONS

Calcium 11.3 meq/l  
Magnesium 5.31 meq/l  
Sodium 1.76 meq/l

Available Water Capacity  
10.6 (1/3)  
4.7 (15)

Sodium Adsorption Ratio 0.61  
Exchangeable Sodium Percentage 8.34

### ACID BASE POTENTIAL

Maximum Acid Potential 0.0 tons CaCO<sub>3</sub>/ 1000 tons  
Neutralization Potential 19.3 tons CaCO<sub>3</sub>/ 1000 tons  
Acid-Base Potential -0.42 tons CaCO<sub>3</sub>/ 1000 tons

Respectfully submitted,  
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory





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December 12, 1994

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

Sample identification by  
UTAH FUEL COMPANY

Kind of sample Coal  
reported to us

Sample taken at Utah Fuel

Soil Sample  
1 Bag

Sample taken by Utah Fuel

Date sampled August 30, 1994

Date received November 10, 1994

Analysis report no. 59-174907

### SOIL ANALYSIS

pH 7.0 units  
Conductivity 1.58mmhos/cm  
Saturation % 36.1

Rock Fragments 0.00 %  
Total Nitrogen 0.02 %  
Nitrate-nitrogen 3.14 mg/kg  
Organic Carbon 42.0 %

### PARTICLE SIZE ANALYSIS

% Sand 82.4  
% Silt 12.6  
% Clay 5.0

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

### SOLUBLE CATIONS

Calcium 8.94 meq/l  
Magnesium 4.85 meq/l  
Sodium 3.44 meq/l

Available Water Capacity  
14.0 (1/3)  
7.9 (15)

Sodium Adsorption Ratio 1.31  
Exchangeable Sodium Percentage 21.5

### ACID BASE POTENTIAL

Maximum Acid Potential 0.0 tons CaCO<sub>3</sub>/ 1000 tons  
Neutralization Potential 77.5 tons CaCO<sub>3</sub>/ 1000 tons  
Acid-Base Potential 63.4 tons CaCO<sub>3</sub>/ 1000 tons

Respectfully submitted,  
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory

