



**Coastal**  
The Energy People

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0122

November 17, 1992

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

Dear Mr. <sup>Daron</sup>Haddock:

Attached is a copy of the laboratory report on a sample of the Waste Rock Material hauled to the Scofield site during the third quarter of 1992.

As part of the requested tests, the laboratory was to perform a maximum acid potential and neutralization potential for this material. However, these tests were not done.

In order to do these tests, Utah Fuel checked with the laboratory to see if any of the sample was retained; none of the sample was kept.

Sincerely,

Keith W. Zobell  
Environmental Engineer

KZ:gb

Attachment

RECEIVED

NOV 23 1992

DIVISION OF  
OIL, GAS & MINING

**Utah Fuel Company**

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

PLEASE ADDRESS ALL CORRESPONDENCE TO:  
P.O. BOX 1020, HUNTINGTON, UT 84328  
TELEPHONE: (801) 653-2311  
FAX: (801) 653-2479

September 16, 1992

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

Sample identification by  
UTAH FUEL COMPANY

Kind of sample Soil  
reported to us

Sample taken at Utah Fuel

Waste Rock Gob  
21.25 lbs.

Sample taken by Utah Fuel

Date sampled August 10, 1992

Date received August 12, 1992

Analysis report no. 59-150795

SOIL ANALYSIS

Carbonate	8.4%	Rock Fragments	45.3%
pH	7.5 units	Alkalinity	1.21 meq/l
Conductivity	4.47mmhos/cm	Total Nitrogen	0.80 %
Saturation %	36.6		
		Organic Carbon	10.6 %

PARTICLE SIZE ANALYSIS

% Sand 79.6  
% Silt 15.1  
% Clay 5.3  
Texture Loamy Sand

AVAILABLE WATER CAPACITY

10.1 (1/3)  
5.4 (15)

SOLUBLE CATIONS

Calcium 20.9 meq/l  
Magnesium 17.3 meq/l  
Sodium 11.9 meq/l  
Potassium 4.16 meq/l  
Sodium Adsorption Ratio 2.72

Available Phosphorons  
1.44 mg/kg

Munsell Color 2.5 YR 2.5/0

Respectfully submitted,  
COMMERCIAL TESTING & ENGINEERING CO.

*W U*  
Manager, Huntington Laboratory

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



**COMMERCIAL TESTING & ENGINEERING CO.**  
GENERAL OFFICES: 1919 SOUTH HAWKLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60146 (815) 953-8300

ESTABLISHED 1968

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  
FAX: (801) 653-2478

September 25, 1992

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

Sample identification by  
UTAH FUEL COMPANY

Kind of sample Soil  
reported to us

Sample taken at Utah Fuel

Waste Rock Gob  
21.25 lbs.

Sample taken by Utah Fuel

Date sampled August 10, 1992

Date received August 12, 1992

Analysis report no. 59-150795

SOIL ANALYSIS

Total Available Selenium  
<0.02mg/kg  
Total Available Boron  
0.72mg/kg

Respectfully submitted,  
COMMERCIAL TESTING & ENGINEERING CO.

*June Roman*  
Manager, Huntington Laboratory

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

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