

0014



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

ACT/015/018
#2

September 12, 1995

Janette Kaiser
Forest Supervisor
Manti La Sal National Forest
599 West Price River Road
Price, UT 84501

Re: PacifiCorp Responses to Rilda Canyon Surface Facilities Permit Conditions, PacifiCorp, Deer Creek Mine, ACT/015/018-94E, Folder #2, Emery County, Utah

Dear Ms. Kaiser:

I am enclosing the responses to the conditional approval for the Rilda Canyon Surface Facilities. Condition #1 stated that "PacifiCorp must provide an adequate response to the Forest Service July 12, 1995 comment letter and conduct a preconstruction meeting prior to any work at the Rilda Canyon surface facilities."

Please notify the Division by October 10, 1995 if you have any objections to the responses provided by PacifiCorp. If we do not receive comments by that date, we will assume you agree with the response.

If you have any questions, please call me. Thank you.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read 'Pamela Grubaugh-Littig'.

Pamela Grubaugh-Littig
Permit Coordinator

Enclosure

cc: Daron Haddock
Susan White



Rilda Canyon #1

Location: Pad area, approximately 35' laterally and approx 6' above proposed location of 72" CMP

Visual sample description: Unconsolidated to very weakly cemented, poorly indurated sandstone pebbles, dominate clast size 1-2", clasts are rounded to subangular, in a matrix of fine sand and clay. Color (dry) tan. Minor carbonate (?) staining on some pebbles.

Lab results: pH 8.1; Conductivity 407 umhos/cm @ 25 degrees C

Rilda Canyon #2

Location: Survey marker 4 + 50

Visual Sample Description: Unconsolidated sandstone pebbles (range in sample area location is boulder size to +1/2"), poorly indurated, sub-rounded to subangular clasts in a matrix ranging from fine sand to clay. overall color: Tan

Lab results: pH 8.3; Conductivity 531 umhos/cm @ 25 degrees C

Rilda Canyon #3

Location: Survey marker 5 + 70

Dominantly silty clay to fine sand sized particles, subordinate to accessory angular sandstone pebbles. Sample contains minor brown organic rich? soils that interfinger the sample locality from above.

Lab Results: pH 9.0; Conductivity 467 uhmos/cm @ 25 degrees C

Rilda Canyon #4

Location: Survey marker 8 + 70

Clay with subordinate fine sand, accessory sandstone and shale clasts (< 2"). color brown, (moderately dry field color). Sample site underlies developed soil profile and is penetrated by roots developed in the overlying soils.

Lab results pH 8.3; Conductivity 436 uhmos/cm @ 25 degrees C

Rilda Canyon #5

Location: survey marker 10 + 95

Clay with subordinate fine sand, accessory shale and sandstone pebbles (< 2"). Dry samples are friable, moist samples are plastic and sticky. Sample site immediately underlain by large sandstone boulder. Sample locality contains oxidized sandstones typical of those overlying coal burns.

Lab results: pH 8.3; Conductivity 361 umhos/cm @ 25 degrees C

Pit # 1

Location: West end of east-west trending pile of screened material, located in S/2 Sec 5, T17S, R8E.

Gravel, dominantly 3/4" pebbles, subordinate (35%) fine sands, and finer fractions. Provenance of the pebbles is diverse (sandstones, cherts, limestones). <5% of pebbles have light colored secondary mineral coverings (presumed to be carbonate). Overall sample color tan (dry), light brown when moist.

Lab results pH 8.1; Conductivity 1117 umhos/cm @ 25 degrees C

Pit#2

Location: Central portion of gravel pile, 70-75' E of Pit#1

Gravel, dominantly 3/4", diverse lithologic provenance, as above, no visible secondary coatings, subordinate (approximately 20%) of sample is fine sandy clay. Fines are brown when moist, Tan when dry.

Lab results pH 7.9; Conductivity 1017 umhos/cm @ 25 Degrees C

Pit#3

Location: East end of pile, approx 75' E of Pit#2

Sandy Clay (approximately 60%), subordinate 3/4" gravels as noted in pit samples 1 and 2. Approximately 5% of the gravel clasts show white secondary mineral coatings, presumed to be carbonate. Color as above.

Lab results: pH 8.2; Conductivity 923 umhos/cm @ 25 degrees C

Pit#4

Location in pit wall, approximately 100' north of Pit#1.

Dominantly sandstone and silt-clay sized fractions, with subordinate interbedded cobbles to boulder sized clasts of diverse lithology , as above. Color light brown, (moist) Light tan (dry).

Lab results: pH 8.2; Conductivity 923 umhos/cm @ 25 degrees C.



COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1918 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 708-853-9300 FAX: 708-853-9306

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

August 29, 1995

PACIFICORP FIELD OFFICE
P.O. Box 1005
Huntington UT 84528

Sample identification by

Kind of sample reported to us

PACIFICORP
P#1 SCREENED PILE
WEST END
1 BAG 3.75 LBS.
EST. TOP SIZE 2"

Sample taken at

Sample taken by PacificCorp

Date sampled August 25, 1995

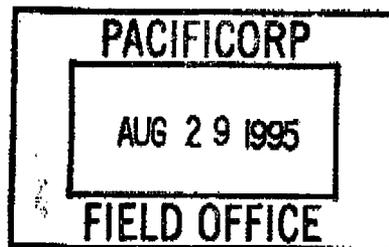
Date received August 28, 1995

Analysis report no. 59-184042

SOIL ANALYSIS

pH 8.1 units
Conductivity 1117 umhos/cm @ 25°C

*water analysis
remove - except for our top blue stream*



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 Original Watermarks

TERMS AND CONDITIONS AS APPLICABLE TO THIS ANALYSIS
AUG 29 1995 03:22PM PEO FIELD OFFICE 801 653 2436

801 653 2436



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FAX: (801) 853-2436

August 29, 1995

PACIFICORP FIELD OFFICE
P.O. Box 1005
Huntington UT 84528

Sample identification by

Kind of sample reported to us

PACIFICORP
P#3 SOUTH SCREENED PILE
EAST END
1 BAG 4.50 LBS.
EST. TOP SIZE 2"

Sample taken at

Sample taken by PacificCorp

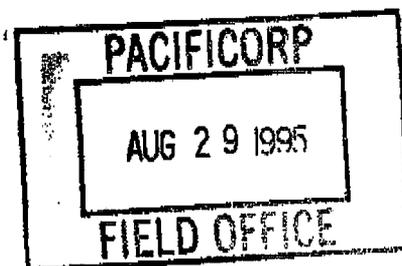
Date sampled August 25, 1995

Date received August 28, 1995

Analysis report no. 59-184044

SOIL ANALYSIS

pH 8.2 units
Conductivity 923 umhos/cm @ 25°C



Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory



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TERMS 2479 801 653 2479 AUG 29 1995 03:29PM FEO FIELD OFFICE 801 653 2479

801 653 2479



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August 29, 1995

PACIFICORP FIELD OFFICE
P.O. Box 1005
Huntington UT 84528

Sample identification by

Kind of sample reported to us

PACIFICORP
P#4 WALL
NORTH PIT
1 BAG 4.25 LBS.
EST. TOP SIZE 2"

Sample taken at

Sample taken by PacificCorp

Date sampled August 25, 1995

Date received August 28, 1995

Analysis report no. 59-184045

SOIL ANALYSIS

pH 8.4 units
Conductivity 776 umhos/cm @ 25°C



Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory



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F-466/058/95
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TERMS AND CONDITIONS OF SALE
AUG 29 1995 03:28PM PEO FIELD OFFICE 801 653 2479

801 653 2479



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FAX: (801) 853-2436

August 29, 1995

PACIFICORP FIELD OFFICE
P.O. Box 1005
Huntington UT 84528

Sample identification by

Kind of sample reported to us

PACIFICORP

Sample taken at

STA 3 + 03

Sample taken by PacificCorp

R/C #1

1 BAG 4.25 LBS.

EST. TOP SIZE 2"

Date sampled August 25, 1995

Date received August 28, 1995

Analysis report no. 59-184046

SOIL ANALYSIS

pH 8.1 units
Conductivity 407 umhos/cm @ 25°C



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

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TERMS AND CONDITIONS OF SERVICE: 801.853.2478 AUG 29 03:24PM PEO FIELD OFFICE 801.853.2478

801 853 2478



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FAX: (801) 853-2436

August 29, 1995

PACIFICORP FIELD OFFICE
P.O. Box 1005
Huntington UT 84528

Sample identification by

Kind of sample reported to us

PACIFICORP

Sample taken at

STA 4 + 50

sample taken by PacificCorp

R/C #2

1 BAG 4.0 LBS.

EST. TOP SIZE 2"

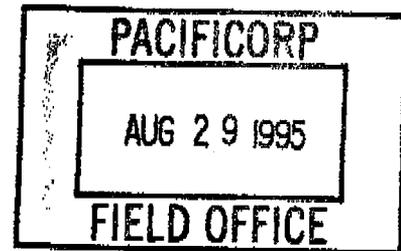
Date sampled August 25, 1995

Date received August 28, 1995

Analysis report no. 59-184047

SOIL ANALYSIS

pH 8.3 units
Conductivity 531 umhos/cm @ 25°C



Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory



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TERMS AND CONDITIONS ON REQUEST
59-184047 FIELD OFFICE BOX 1005 HUNTINGTON UT 84528

901 853 2479



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TEL: (801) 853-2311
FAX: (801) 853-2479

August 29, 1995

PACIFICORP FIELD OFFICE
P.O. Box 1005
Huntington UT 84528

Sample identification by

Kind of sample reported to us

Sample taken at

Sample taken by PacificCorp

Date sampled August 25, 1995

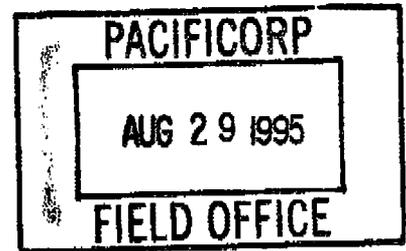
Date received August 28, 1995

PACIFICORP
STA 10 + 95
R/C #5
1 BAG 4.25 LBS.
EST. TOP SIZE 2"

Analysis report no. 59-184050

SOIL ANALYSIS

pH 8.3 units
Conductivity 361 umhos/cm @ 25°C



Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

[Signature]
Manager, Huntington Laboratory



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F-455/059/85
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