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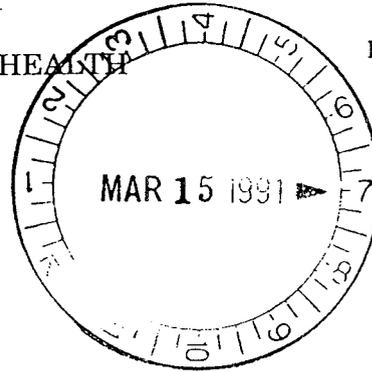
# State of Utah

DEPARTMENT OF HEALTH  
DIVISION OF ENVIRONMENTAL HEALTH

BAQE-159-91

Bureau of Air Quality  
1950 West North Temple  
P.O. Box 16690  
Salt Lake City, Utah 84116-0690  
(801) 536-4000  
(801) 536-4099 FAX

Norman H. Bangarter  
Governor  
Suzanne Dandoy, M.D., M.P.H.  
Executive Director  
Kenneth L. Alkema  
Director



March 6, 1991

Johnny Pappas  
Environmental Coordinator  
Soldier Creek Coal Company  
P. O. Box 1  
Price, Utah 84501

Re: Annual Emissions Inventories for 1989 and 1990

Dear Mr. Pappas:

It is our understanding that your permit with the Division of Oil, Gas, and Mining requires that you submit an air emissions inventory once every other year. Our records indicate that although you had requested such an inventory for 1989, we were unable to provide you with one. Due to the lack of manpower and resources, an annual emission inventory for sources in your area was not compiled for 1989.

An emission inventory has not been compiled for 1990. Although we had indicated to you that we were planning to do an inventory for 1990, we were once again short of manpower to accomplish the task. If you have any questions, please contact me at 536-4000.

Sincerely,

Bill Reiss  
Environmental Health Engineer  
Utah Bureau of Air Quality

BR:jiw

cc: Division of Oil, Gas, and Mining  
Southeast District Health Department

Banning Loadout  
1990 Coal Toxicity Analysis



# COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • (312) 953-9300

Member of the SGS Group (Société Générale de Surveillance)

September 13, 1990

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

Soldier Creek Coal Co.  
P.O. Box I  
Price UT 84501

Sample identification by

Kind of sample reported to us Coal  
Sample taken at Banning Rail Site  
Sample taken by CT&E  
Date sampled -----  
Date received July 10, 1990

Soldier Creek Coal Co.  
Quarterly Composite  
April, May, & June 1990  
Train Composite  
222,034.2 Total Tons

Analysis Report No. 59-117679

ACID-BASE POTENTIAL =  $NP - AP = 3.2$   
Neutralization Potential 19.6 tons CaCO<sub>3</sub>/ 1000 tons  
Maximum Acid Potential 15.3 tons CaCO<sub>3</sub>/ 1000 tons  
Net Acid-Base Potential 4.3 tons CaCO<sub>3</sub>/ 1000 tons

NON-SULFATE SULFUR = AP 0.49%  $\times 31.24 = 15.3$   
TOTAL ORGANIC SULFUR 0.24%  $\times 31.24 = 7.5$   
CALCIUM CARBONATE = NP 1.85%  $\times 10 = 18.5$   
pH (saturated paste) 8.1 units  
ELECTRICAL CONDUCTIVITY(extract) 2.85 umhos/cm  
NITRATE-NITROGEN 0.05%

SAR ?

Respectfully submitted,  
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory

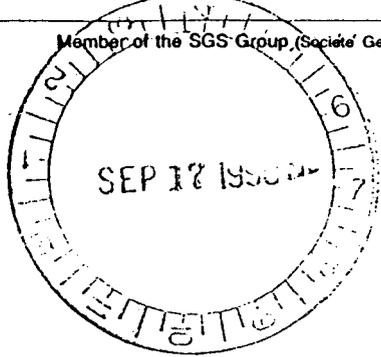


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 Soldier Creek Coal Co.  
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 Price UT 84501



Sample identification by

Kind of sample Coal  
 reported to us

Soldier Creek Coal Co.

Sample taken at Banning Rail Site

Quarterly Composite  
 April, May, & June 1990  
 Train Composite  
 222,034.2 Total Tons

Sample taken by CT&E

Date sampled -----

Date received July 10, 1990

Analysis Report No. 59-117679

TRACE ELEMENTS, WATER EXTRACTABLE

✓ Arsenic	< 2 ppb	✓ Lead	50 ppb
✓ Barium	< 30 ppb	✓ Mercury	< 2 ppb
✓ Boron	97.7 ppb	✓ Molybdenum	50 ppb
✓ Cadmium	< 5 ppb	✓ Selenium	< 2 ppb
✓ Copper	< 10 ppb	✓ Zinc	< 10 ppb

Respectfully submitted,  
 COMMERCIAL TESTING & ENGINEERING CO.

*M. C. Y.*

Manager, Huntington Laboratory

Original Copy Watermarked  
 For Your Protection

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

Banning Loadout  
Sedimentation Pond Inspection Reports



# SOLDIER CREEK COAL CO.

Telephone (801) 637-6360

P.O. Box I  
Price, Utah 84501

## QUARTERLY POND INSPECTION

Pond Being Inspected: Banning Sediment pond

Date of Inspection: March 7, 1990

Person(s) Making Inspection: D.G. Spillman *DS*

Any Structural Weakness, Erosion and Other Hazardous Conditions Noted: None

Any Routine Maintenance Required: None

Comments: The maintenance of the primary spillway drainage channel (detail in the last quarterly report), has been completed.

APPROVAL: \_\_\_\_\_

DATE: \_\_\_\_\_



# SOLDIER CREEK COAL CO.

Telephone (801) 637-6360

P.O. Box 1  
Price, Utah 84501

## QUARTERLY POND INSPECTION

Pond Being Inspected: Banning Sediment Pond

Date of Inspection: May 31, 1990

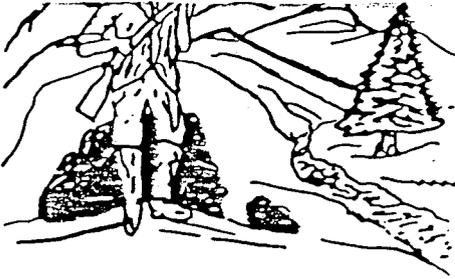
Person(s) Making Inspection: D.G. Spillman *DGS*

Any Structural Weakness, Erosion and Other Hazardous Conditions Noted: None

Any Routine Maintenance Required: None

Comments: The pond appeared to be in satisfactory condition with no potential problems noted during the inspection.

APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_



# SOLDIER CREEK COAL CO.

Telephone (801) 637-6360

P.O. Box I  
Price, Utah 84501

## QUARTERLY POND INSPECTION

Pond Being Inspected: Banning Sediment Pond

Date of Inspection: September 14, 1990

Person(s) Making Inspection: Johnny Pappas J.P.

Any Structural Weakness, Erosion and Other Hazardous Conditions Noted: None

Any Routine Maintenance Required: None

Comments: The pond appeared to be in good condition with no problems noted.

APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_



# SOLDIER CREEK COAL CO.

Telephone (801) 637-6360

P.O. Box 1  
Price, Utah 84501

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## QUARTERLY POND INSPECTION

Pond Being Inspected: Banning Sediment Pond

Date of Inspection: November 14, 1990

Person(s) Making Inspection: Johnny Pappas J.P.

Any Structural Weakness, Erosion and Other Hazardous Conditions Noted: None

Any Routine Maintenance Required: None

Comments: The pond appears to be in good condition with no problems noted.

APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_



# SOLDIER CREEK COAL CO.

Telephone (801) 637-6360

P.O. Box 1  
Price, Utah 84501

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## QUARTERLY POND INSPECTION

Pond Being Inspected: Banning Sedimentation Pond

Date of Inspection: 12/11/90

Person(s) Making Inspection: J.T. Paluso

Any Structural Weakness, Erosion and Other Hazardous Conditions Noted: None

Any Routine Maintenance Required: None

Comments: Small amount of erosion occurring on incised portion of pond. This erosion does not have an affect on the pond.

APPROVAL: \_\_\_\_\_



DATE: 12/26/90