

0001

State Route to File
ACT/015/05

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DEC 29 1993

DIVISION OF
OIL, GAS & MINING

Consolidation Coal Company
Emery Mine
P. O. Box 527
Emery, Utah 84522
(801) 286-2301

22 December, 1993

Mr. Daron R. Haddock
Permit Supervisor
Division of Oil, Gas, and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1230

RE: Annual Pond Inspections, Emery Mine

Dear Mr. Haddock:

Enclosed are the Annual Pond Inspections for 1993, for the Ponds at the Emery Mine.

If you have any questions please call me at (801) 286-2301.

Sincerely,



Stephen R. Behling
General Mine Foreman
Emery Mine

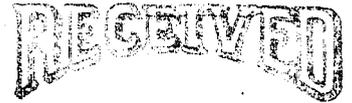
attachments: Annual Pond Inspection Forms, Ponds 1-6 and 8

CONSOLIDATION COAL COMPANY

EMERY MINE

EMERY, UTAH

ANNUAL IMPOUNDMENT CERTIFICATION



DEC 29 1993

DIVISION OF
OIL, GAS & MINING

POND #1
INSPECTED BY Bruce T.S. Ware

PERMIT NO. ACT/015/015
DATE Dec. 22, 1993

I. PHYSICAL INSPECTION (Stability & Structural Condition)

	<u>Yes</u>	<u>No</u>
A. Upstream Cracking or Movement		X
B. Downstream Cracking or Movement		X
C. Erosion		X
D. Proper Operation of Discharge System(s)	X	
E. Significant Seepage or Piping		X
F. Existing and Required Monitoring	N/A	
G. Any Fires		X

II. FIELD DATA

A. Maximum Measured Depth	<u>6.7</u>	Ft.
B. Estimated Average Depth	<u>5.4</u>	Ft.
C. Surface Area	<u>113,160</u>	sq.Ft.
D. Estimated Pond Volume (487,022 cu. feet)	<u>11.18</u>	Ac-Ft.
E. Normal Pool Elevation	<u>5937.7</u>	Ft.
F. Top of Dam Elevation	<u>5944.0</u>	Ft.

This is a annual report for 1993
(indicate time period)

Bruce T.S. Ware
Name

4502
Utah Registration No. (See STATE OF UTAH)

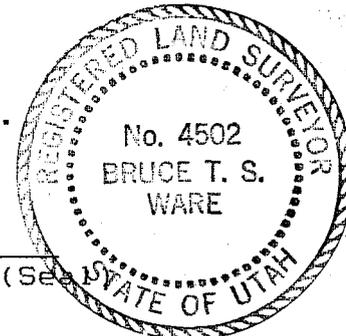
Bruce T.S. Ware
Firm

637-2620
Phone Number

Helper, Utah 84526
Address

Bruce T.S. Ware
Signature

Dec. 24, 1993
Date



CONSOLIDATION COAL COMPANY

EMERY MINE

EMERY, UTAH

ANNUAL IMPOUNDMENT CERTIFICATION

1993

DEC 29 1993

DIVISION OF
L. GAS & MINING

POND #2
INSPECTED BY Bruce T.S. Ware

PERMIT NO. ACT/015/015
DATE Dec. 22, 1993

I. PHYSICAL INSPECTION (Stability & Structural Condition)

	<u>Yes</u>	<u>No</u>
A. Upstream Cracking or Movement		X
B. Downstream Cracking or Movement		X
C. Erosion		X
D. Proper Operation of Discharge System(s)	Dry	
E. Significant Seepage or Piping		X
F. Existing and Required Monitoring	N/A	
G. Any Fires		X

II. FIELD DATA

A. Maximum Measured Depth	<u>10.0</u>	Ft.
B. Estimated Average Depth	<u>9.5</u>	Ft.
C. Surface Area	<u>6,933</u>	sq Ft.
D. Estimated Pond Volume (41,024 cu. feet)	<u>0.94</u>	Ac-Ft.
E. Normal Pool Elevation	<u>Dry</u>	Ft.
F. Top of Dam Elevation	<u>5912</u>	Ft.

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(indicate time period)

Bruce T.S. Ware
Name

4502
Utah Registration No. (Seal)

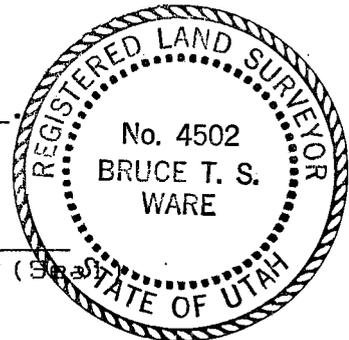
Bruce T.S. Ware
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CONSOLIDATION COAL COMPANY

EMERY MINE

EMERY, UTAH

ANNUAL IMPOUNDMENT CERTIFICATION

RECEIVED

DEC 29 1993

DIVISION OF
OIL, GAS & MINING

POND #3
INSPECTED BY Bruce T.S. Ware

PERMIT NO. ACT/015/015
DATE Dec. 22, 1993

I. PHYSICAL INSPECTION (Stability & Structural Condition)

	<u>Yes</u>	<u>No</u>
A. Upstream Cracking or Movement		X
B. Downstream Cracking or Movement		X
C. Erosion		X
D. Proper Operation of Discharge System(s)	Dry	
E. Significant Seepage or Piping		X
F. Existing and Required Monitoring	N/A	
G. Any Fires		X

II. FIELD DATA

A. Maximum Measured Depth	<u>5.6</u>	Ft.
B. Estimated Average Depth	<u>5.0</u>	Ft.
C. Surface Area	<u>10,300</u>	sq. Ft.
D. Estimated Pond Volume (34,350 cu. ft.)	<u>0.79</u>	Ac-Ft.
E. Normal Pool Elevation	<u>Dry</u>	Ft.
F. Top of Dam Elevation	<u>5911</u>	Ft.

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(indicate time period)

Bruce T.S. Ware
Name

4502
Utah Registration No. ()

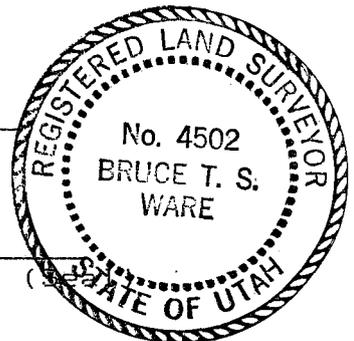
Bruce T.S. Ware
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637-2620
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Bruce T.S. Ware
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CONSOLIDATION COAL COMPANY

EMERY MINE

EMERY, UTAH

ANNUAL IMPOUNDMENT CERTIFICATION



DEC 29 1993

DIVISION OF
OIL, GAS & MINING

POND #4
INSPECTED BY Bruce T.S. Ware

PERMIT NO. ACT/015/015
DATE Dec. 22, 1993

I. PHYSICAL INSPECTION (Stability & Structural Condition)

	<u>Yes</u>	<u>No</u>
A. Upstream Cracking or Movement		X
B. Downstream Cracking or Movement		X
C. Erosion		X
D. Proper Operation of Discharge System(s)	Dry	
E. Significant Seepage or Piping		X
F. Existing and Required Monitoring	N/A	
G. Any Fires		X

II. FIELD DATA

A. Maximum Measured Depth	<u>3.8</u>	Ft.
B. Estimated Average Depth	<u>3.8</u>	Ft.
C. Surface Area	<u>50,150</u>	sqFt.
D. Estimated Pond Volume (167,331 cu. ft.)	<u>3.84</u>	Ac-Ft.
E. Normal Pool Elevation	<u>**Dry</u>	Ft.
F. Top of Dam Elevation	<u>5955</u>	Ft.

** This is an evaporation pond

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Bruce T.S. Ware
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4502
Utah Registration No. (See

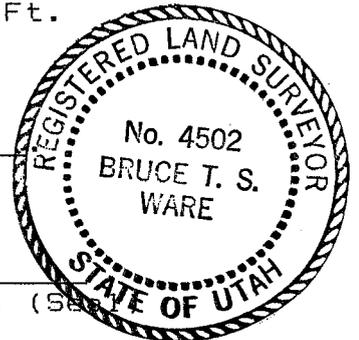
Bruce T.S. Ware
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CONSOLIDATION COAL COMPANY

EMERY MINE

EMERY, UTAH

ANNUAL IMPOUNDMENT CERTIFICATION

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DEC 29 1993

DIVISION OF
OIL, GAS & MINING

POND #5
INSPECTED BY Bruce T.S. Ware

PERMIT NO. ACT/015/015
DATE Dec. 22, 1993

I. PHYSICAL INSPECTION (Stability & Structural Condition)

	<u>Yes</u>	<u>No</u>
A. Upstream Cracking or Movement		X
B. Downstream Cracking or Movement		X
C. Erosion		X
D. Proper Operation of Discharge System(s)	Dry	
E. Significant Seepage or Piping		X
F. Existing and Required Monitoring	N/A	
G. Any Fires		X

II. FIELD DATA

A. Maximum Measured Depth	<u>6.3</u>	Ft.
B. Estimated Average Depth	<u>6.1</u>	Ft.
C. Surface Area	<u>44,600</u>	sq Ft.
D. Estimated Pond Volume	<u>4.01</u>	Ac-Ft.
(174,510 cu. ft.)		
E. Normal Pool Elevation	<u>Dry</u>	Ft.
F. Top of Dam Elevation	<u>5949</u>	Ft.

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Bruce T.S. Ware
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4502
Utah Registration No. (See

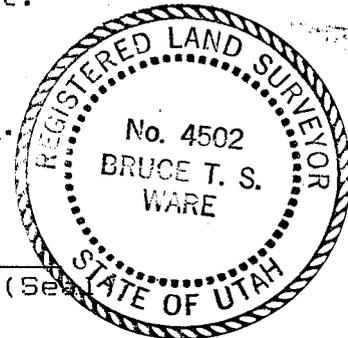
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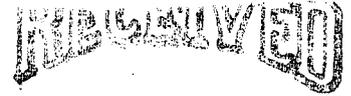


CONSOLIDATION COAL COMPANY

EMERY MINE

EMERY, UTAH

ANNUAL IMPOUNDMENT CERTIFICATION



DEC 29 1993

DIVISION OF
OIL, GAS & MINING

POND #6
INSPECTED BY Bruce T.S. Ware

PERMIT NO. ACT/015/015
DATE Dec. 22, 1993

I. PHYSICAL INSPECTION (Stability & Structural Condition)

	<u>Yes</u>	<u>No</u>
A. Upstream Cracking or Movement		X
B. Downstream Cracking or Movement		X
C. Erosion		X
D. Proper Operation of Discharge System(s)	X	
E. Significant Seepage or Piping		X*
F. Existing and Required Monitoring	N/A	
G. Any Fires		X

*Small seepage on South side of pond

II. FIELD DATA

A. Maximum Measured Depth	<u>7.9</u>	Ft.
B. Estimated Average Depth	<u>7.4</u>	Ft.
C. Surface Area	<u>66,375</u>	sqFt.
D. Estimated Pond Volume (387,800 cu. ft.)	<u>8.9</u>	Ac-Ft.
E. Normal Pool Elevation	<u>6019.8</u>	Ft.
F. Top of Dam Elevation	<u>6023.0</u>	Ft.

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Bruce T.S. Ware
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4502
Utah Registration No. (See

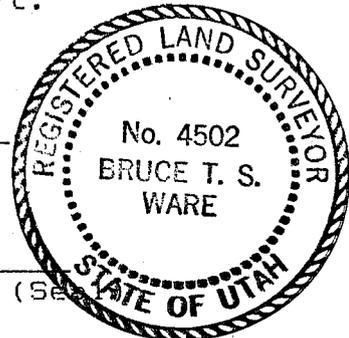
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CONSOLIDATION COAL COMPANY

EMERY MINE

EMERY, UTAH

ANNUAL IMPOUNDMENT CERTIFICATION



DEC 29 1993

DIVISION OF
OIL, GAS & MINING

POND #8
INSPECTED BY Bruce T.S. Ware

PERMIT NO. ACT/015/015
DATE Dec. 22, 1993

I. PHYSICAL INSPECTION (Stability & Structural Condition)

	<u>Yes</u>	<u>No</u>
A. Upstream Cracking or Movement		X
B. Downstream Cracking or Movement		X
C. Erosion		X
D. Proper Operation of Discharge System(s)	Dry	
E. Significant Seepage or Piping		X
F. Existing and Required Monitoring	N.A.	
G. Any Fires		X

II. FIELD DATA

A. Maximum Measured Depth	<u>4.5</u>	Ft.
B. Estimated Average Depth	<u>4.0</u>	Ft.
C. Surface Area	<u>48,892</u>	sq. Ft.
D. Estimated Pond Volume (154,542 cu. feet	<u>3.55</u>	Ac-Ft.
E. Normal Pool Elevation	<u>Dry</u>	Ft.
F. Top of Dam Elevation	<u>5914.0</u>	Ft.

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