0025

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

15 December 2000

Mr. Daron R. Haddock
Permit Supervisor
Division of Oil, Gas, and Mining
1594 West North Temple Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

RE: Annual Pond Inspections, Emery Mine

Dear Mr. Haddock:

Enclosed are the Annual Pond Inspections for 2000, for the Ponds at the Emery Mine.

If you have any questions please call me at (435) 286-2301.

Sincerely,

Stephen R. Behling

Stephen R. Behling
General Mine Foreman
Emery Mine

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

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DEC 18 2000
DIVISION OF
OIL, GAS AND MINING

CONSOLIDATION COAL COMPANY
EMERY MINE
EMERY, UTAH
ANNUAL IMPOUNDMENT CERTIFICATION

POND #1 **PERMIT NO. ACT/015/015**
INSPECTED BY Bruce Ware **DATE** Dec. 11, 2000

I. PHYSICAL INSPECTION (Stability & Structural Condition)

	YES	NO
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~~/~~X~~	X
F. Existing and Required Monitoring	N/A	

II. FIELD DATA

A. Pond Volume* 13.36 Ac-Ft

(Measured from Board 1 ft. above concrete outlet)

B. Pool Elevation 5838.7 Ft

C. Top of Dam Elevation 5844.0 Ft

D. Dewatering Pipe Invert Elevation _____ Ft

***Minimum volumes required:**

Treatment	3.20	Ac-Ft
40% sed. vol	4.10	Ac-Ft
TOTAL	7.30	Ac-Ft

REGISTERED LAND SURVEYOR
No. 153834
BRUCE T. S. WARE
STATE OF UTAH

This is a annual report for (year) 2000.

Name Bruce T. S. Ware Utah Registration No. (Seal) _____

Firm Bruce T. S. Ware Phone Number (435) 637-2620

Address 2223 N. 1200 W. Helper, UT 84526

Signature Bruce T. S. Ware Date Dec. 12, 2000

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CONSOLIDATION COAL COMPANY
EMERY MINE
EMERY, UTAH
ANNUAL IMPOUNDMENT CERTIFICATION

POND #2
INSPECTED BY Bruce Ware

PERMIT NO. ACT/015/015
DATE Dec. 11, 2000

I. PHYSICAL INSPECTION (Stability & Structural Condition)

	YES	NO
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	

II. FIELD DATA

A. Pond Volume* 1.29 Ac-Ft
(Measured from open channel spillway(invert))

B. Pool Elevation 5912.5 Ft

C. Top of Dam Elevation 5912.1 Ft

D. Dewatering Pipe Invert Elevation _____ Ft

***Minimum volumes required:**

Treatment	**0.68**	**Ac-Ft**
40% sed. vol	**0.33**	**Ac-Ft**
TOTAL	**1.01**	**Ac-Ft**

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POND #3 **PERMIT NO. ACT/015/015**
INSPECTED BY Bruce Ware **DATE** Dec. 11, 2000

I. PHYSICAL INSPECTION (Stability & Structural Condition)

	YES	NO
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	

II. FIELD DATA

A. Pond Volume* 1.09 Ac-Ft
(Measured from 0.5 ft. below top of CMP)

B. Pool Elevation Dry Ft

C. Top of Dam Elevation 5911 Ft

D. Dewatering Pipe Invert Elevation 5910.2 Ft

***Minimum volumes required:**

Treatment	**0.37**	**Ac-Ft**
40% sed. vol	**0.46**	**Ac-Ft**
TOTAL	**0.83**	**Ac-Ft**

REGISTERED LAND SURVEYOR
No. 153834
BRUCE T. S. WARE
STATE OF UTAH

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POND #4
INSPECTED BY Bruce Ware

PERMIT NO. ACT/015/015
DATE Dec. 11, 2000

I. PHYSICAL INSPECTION (Stability & Structural Condition)

	YES	NO
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	

II. FIELD DATA

A. Pond Volume* 167,331 Cu-Ft
(Measured from the crest of the dam)

B. Pool Elevation **Dry Ft

C. Top of Dam Elevation 5955 Ft

D. Available Depth from Dam Crest 3.8 Ft

** This is an evaporation pond

Pond 004 is designed as an evaporation pond, not a sediment pond. Surface area is the critical design parameter for the pond. The pond is adequate in size if it has a ~~potential~~ diameter of 240 feet and an available depth of 2 feet from the crest of the dam. This corresponds to a volume of 45,239 cu ft.

REGISTERED LAND SURVEYOR No. 153834 BRUCE T. S. WARE STATE OF UTAH

This is a annual report for (year) 2000.

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Firm Bruce T. S. Ware Phone Number (435) 637-2620

Address 2223 N. 1200 W. Helper, UT 84526

Signature Bruce T. S. Ware Date Dec. 12, 2000

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POND #5
INSPECTED BY Bruce Ware

PERMIT NO. ACT/015/015
DATE Dec. 11, 2000

I. PHYSICAL INSPECTION (Stability & Structural Condition)

	YES	NO
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	

II. FIELD DATA

A. Pond Volume* 4.71 Ac-Ft

(Measured from open channel spillway (invert))

B. Pool Elevation 5942.5 Ft

C. Top of Dam Elevation 5949 Ft

D. Dewatering Pipe Invert Elevation 5948.1 Ft

***Minimum volumes required:**
(After proposed raising of dam, pending DOGM approval of permit submitted Sept. 1990)

Treatment	**3.70**	**Ac-Ft**
40% sed. vol	**0.45**	**Ac-Ft**
TOTAL	**4.15**	**Ac-Ft**

REGISTERED LAND SURVEYOR
No. 153834
BRUCE T. S. WARE
STATE OF UTAH

This is a annual report for (year) 2000.

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Utah Registration No. (Seal)

Firm Bruce T. S. Ware

Phone Number (435) 637-2620

Address 2223 N. 1200 W. Helper, UT 84526

Signature Bruce T S Ware

Date Dec. 12, 2000

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POND #6
INSPECTED BY Bruce Ware

PERMIT NO. ACT/015/015
DATE Dec. 11, 2000

I. PHYSICAL INSPECTION (Stability & Structural Condition)

	YES	NO
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	

II. FIELD DATA

A. Pond Volume*	8.9	Ac-Ft
(Measured from open channel spillway (invert))		
B. Pool Elevation	6019.9	Ft
C. Top of Dam Elevation	6023.0	Ft
D. Dewatering Pipe Invert Elevation	6019.9	Ft

*Minimum volumes required:			
	Treatment	1.70	Ac-Ft
	40% sed. vol	3.00	Ac-Ft
	TOTAL	4.70	Ac-Ft

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POND #8 **PERMIT NO. ACT/015/015**
INSPECTED BY Bruce Ware **DATE** Dec. 11, 2000

I. PHYSICAL INSPECTION (Stability & Structural Condition)

	YES	NO
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	

II. FIELD DATA

A. Pond Volume* 3.55 Ac-Ft

(Measured from 1.6 ft above dewaering pipe (invert))

B. Pool Elevation Dry Ft

C. Top of Dam Elevation 5914.0 Ft

D. Dewatering Pipe Invert Elevation 5911.0 Ft

*Minimum volumes required:			
	Treatment	**1.18**	**Ac-Ft**
	40% sed. vol	**0.80**	**Ac-Ft**
	TOTAL	**1.98**	**Ac-Ft**

REGISTERED LAND SURVEYOR
No. 153834
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