0002

Dave, Route to File

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

19 December 1995

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

ACT/015/015 #6

RE: Annual Pond Inspections, Emery Mine

Dear Mr. Haddock:

Enclosed are the Annual Pond Inspections for 1995, for the Ponds at the Emery Mine.

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

Sincerely,

Stephen R. Behling

Stephen R. Behling
General Mine Foreman
Emery Mine

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

RECEIVED
DEC 21 1995
DIV OF OIL, GAS

CONSOLIDATION COAL COMPANY
EMERY MINE
EMERY, UTAH
ANNUAL IMPOUNDMENT CERTIFICATION

RECEIVED
DEC 21 1995
DIV OF OIL, GAS & MINING

POND #1
INSPECTED BY Bruce Ware

PERMIT NO. ACT/015/015
DATE Dec. 15, 1995

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* 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) 1995.

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

Firm Bruce T.S. Ware Phone Number (801) 637-2620

Address 2223 N. 1200 W. Helper, Utah 84526

Signature Bruce T.S. Ware Date Dec. 15, 1995

CONSOLIDATION COAL COMPANY
EMERY MINE
EMERY, UTAH
ANNUAL IMPOUNDMENT CERTIFICATION

POND #2 **PERMIT NO. ACT/015/015**
INSPECTED BY Bruce Ware **DATE** Dec.15, 1995

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* 1.26 Ac-Ft
(Measured from open channel spillway(invert))

B. Pool Elevation Dry Ft

C. Top of Dam Elevation 5912.5 Ft

D. Dewatering Pipe Invert Elevation 5912.1 Ft

***Minimum volumes required:**			
	Treatment	**0.68**	**Ac-Ft**
	40% sed. vol	**0.33**	**Ac-Ft**
	TOTAL	**1.01**	**Ac-Ft**

REGISTERED LAND SURVEYOR
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BRUCE T. S. WARE
STATE OF UTAH

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Signature Bruce T.S. Ware Date Dec. 15, 1995

CONSOLIDATION COAL COMPANY
EMERY MINE
EMERY, UTAH
ANNUAL IMPOUNDMENT CERTIFICATION

POND #3 **PERMIT NO. ACT/015/015**
INSPECTED BY Bruce Ware **DATE** Dec. 15, 1995

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. 153934
BRUCE T. S. WARE
STATE OF UTAH

This is a annual report for (year) 1995.

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

Firm Bruce T.S. Ware Phone Number (801) 637-2620

Address 2223 N. 1200 W. Helper, Utah 84526

Signature Bruce T.S. Ware Date Dec. 15, 1995

CONSOLIDATION COAL COMPANY
EMERY MINE
EMERY, UTAH
ANNUAL IMPOUNDMENT CERTIFICATION

POND #4 **PERMIT NO. ACT/015/015**
INSPECTED BY Bruce Ware **DATE** Dec. 15, 1995

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* (Measured from the crest of the dam)	167,331	Cu-Ft
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. 153934
BRUCE T. S. WARE
STATE OF UTAH

This is a annual report for (year) 1995.

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Signature Bruce T.S. Ware Date Dec. 15, 1995

CONSOLIDATION COAL COMPANY
EMERY MINE
EMERY, UTAH
ANNUAL IMPOUNDMENT CERTIFICATION

POND #5 **PERMIT NO. ACT/015/015**
INSPECTED BY Bruce Ware **DATE** Dec. 15, 1995

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* 4.39 Ac-Ft
(Measured from open channel spillway (invert))

B. Pool Elevation Dry Ft

C. Top of Dam Elevation 5949 Ft

D. Dewatering Pipe Invert Elevation 5948.1 Ft

***Minimum volumes required:**	**Treatment**	**3.70**	**Ac-Ft**
(After proposed raising of dam,	**40% sed. vol**	**0.45**	**Ac-Ft**
pending DOGM approval	**TOTAL**	**4.15**	**Ac-Ft**
of permit submitted Sept. 1990)			

REGISTERED LAND SURVEYOR
No. 153034
BRUCE T. S. WARE
STATE OF UTAH

This is a annual report for (year) 1995.

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

Firm Bruce T.S. Ware Phone Number (801) 637-2620

Address 2223 N. 1200 W. Helper, Utah 84526

Signature Bruce T.S. Ware Date Dec. 15, 1995

CONSOLIDATION COAL COMPANY
EMERY MINE
EMERY, UTAH
ANNUAL IMPOUNDMENT CERTIFICATION

POND #6 **PERMIT NO. ACT/015/015**
INSPECTED BY Bruce Ware **DATE** Dec. 15, 1995

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 6019.8 Ft

C. Top of Dam Elevation 6023.0 Ft

D. Dewatering Pipe Invert Elevation 6019.8 Ft

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

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

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Signature Bruce T.S. Ware Date Dec. 15, 1995

CONSOLIDATION COAL COMPANY
EMERY MINE
EMERY, UTAH
ANNUAL IMPOUNDMENT CERTIFICATION

POND #8 **PERMIT NO. ACT/015/015**
INSPECTED BY Bruce Ware **DATE** Dec. 15, 1995

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. 153934
BRUCE T. S. WARE
STATE OF UTAH

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Signature Bruce T.S. Ware Date Dec. 15, 1995