

APPENDIX A

Certified Reports

Excess Spoil Piles
Refuse Piles
Impoundments

as required under R645-301-514

CONTENTS

SEDIMENT POND INSPECTIONS
ANNUAL CERTIFICATION

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of
Permit Number	ACT/05/032	Report Date
Mine Name		
Company Name		
Impoundment Identification	Impoundment Name	Sediment Pond
	Impoundment Number	001
	UPDES Permit Number	UT-0024368
	MSHA ID Number	none
IMPOUNDMENT INSPECTION		
Inspection Date		
Inspected By		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Annual	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>None</p>		
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>100% Sediment Storage Elev - 7775.3'</p> <p>60% Sediment Storage Elev - 7774.9'</p>	
	<p>3. Principle and emergency spillway elevations.</p> <p>Principal Spillway (Riser Pipe) 7782.5'</p> <p>Emergency Spillway Elevation - 7784.0'</p>	

4. **Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: _____ **Date:** _____

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?		
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?		
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?		

COMMENTS AND OTHER INFORMATION

Certification Statement:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

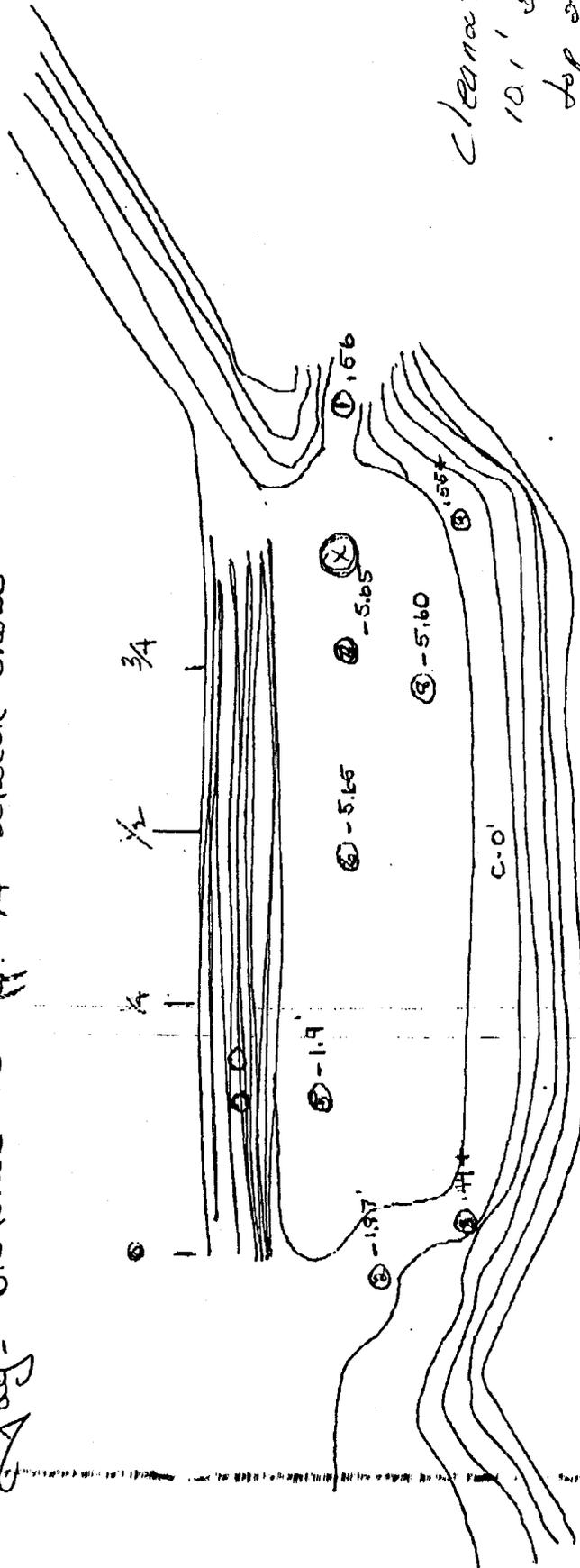
[PE Cert. Stamp]

By: _____
(Full Name and Title)

Signature: _____ **Date:** _____

P.E. Number & State: _____

Day - Distance is app. 1/4 between show.

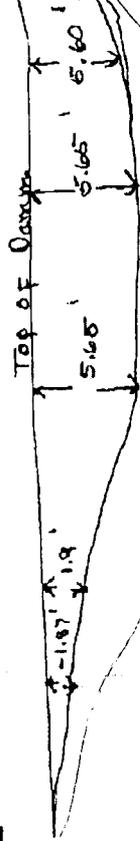


Cleanout Elev. is
10.1' below
top of dam!!

[Signature]

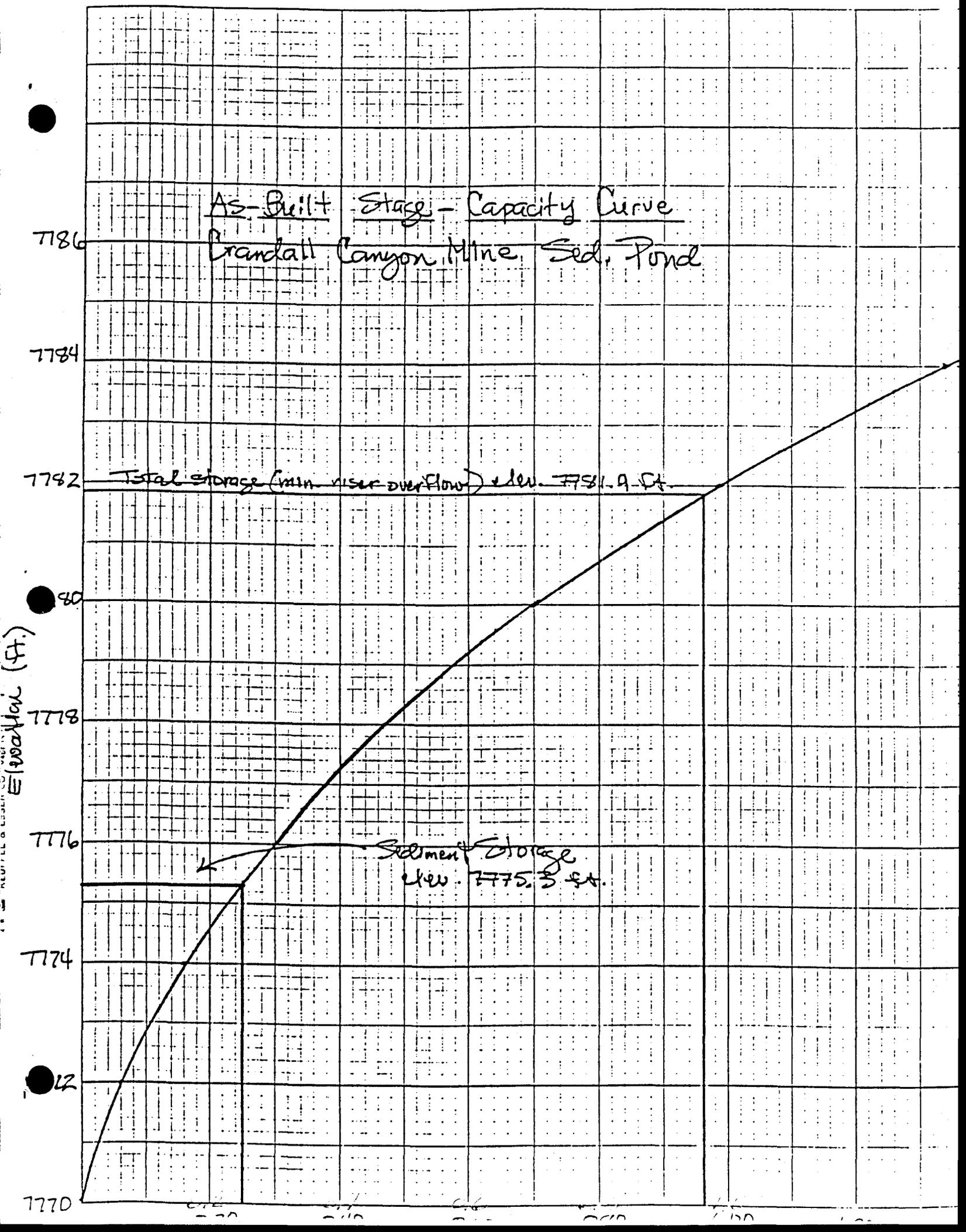
Side Spillway -

Inlet



Depth to top of sediment from top of
encasement. - C - Control = 0'

As-Built Stage - Capacity Curve
Brandall Canyon Mine Sed. Pond



Elevation (ft.)

7786

7784

7782

7780

7778

7776

7774

7772

7770

0.00

0.10

0.20

0.30

0.40

0.50

CERTIFICATION REPORT

On December 27, 1996, an inspection of Genwal Coal Company's sedimentation pond number 1 revealed the following:

- A. The pond has been constructed and maintained in accordance with the approved plan.
- B. The pond's embankment appeared sound with no signs of instability or hazardous conditions.
- C. The water evaluation was N/A feet. The water depth was N/A feet.
- D. The existing storage capacity is N/A acre-feet which is greater than/less than .95 acre-feet required by the Mining and Reclamation plan.
- E. The pond is inspected quarterly for signs of structural weakness or problems.
- F. Comments and Remarks Pond is ice covered. The

embankment, spillway, & discharge points were
covered by 4' snow. The piezometer hole was
not located due to the snow. No hazards were
visible

I have performed the above inspection on this pond to comply with R645-301-514 and do hereby certify the inspection to be a true and accurate representation of the pond at this time.

[Signature]
Signature

12/27/96
Date

Figure 5-1. Certification Report Form.

PIEZOMETER READINGS

DATE	WATER LEVEL	WATER DEPTH	INITIALS
5-3-93	33' 30.0	3.0	D.B.
6-1-93	33' 29.9	3.1	D.B.
6-7-93	33' 29.8	3.2	D.B.
6-23-93	33' 29.9	3.1	D.B.
7-7-93	33' 29.9	3.1	D.B.
8-2-93	33' 30.0	3.0	D.B.
8-30-93	33' 30.1	2.9	D.B.
9-20-93	33' 30.6	2.4	D.B.
10-18-93	33' 31.0	2.0	D.B.
11-5-93	33' 31.4	1.6	D.B.
12-8-93	33' 31.6	1.4	D.B.
7-12-20-93	33' 31.6	1.4	D.B.
1-10-94	33' 31.6	1.4	D.B.
2-1-94	33' 31.6	1.4	D.B.
2-18-94	33' 31.6	1.4	D.B.
3-30-94	33' 31.6	1.4	D.B.
4-7-94	33' 31.5	1.5	D.B.
5-10-94	33' 30.9	2.1	T.W.
6-15-94	33' 31.0	2.0	T.W.
7-11-94	33' 31.9	2.8	T.W.
8-4-94	33' 32.0	1.0	T.W.
9-14-94	33' 31.8	1.2	D.S.
10/2/94	33' 31.9	1.1	D.S.
11/16/94	33' 31.9	1.1	D.S.
12/10/94	33' 31.9	1.1	D.S.
1/15/95	33' 31.9	1.1	D.S.
2/21/95	33' 31.6	1.4	D.S.
5-26-96	33' 31.5	20.14	D.S.
7-25-96	31.35'	1.65	D.S.
10-30-96	31.25'	1.75	D.S.
11-25-96	31.20	1.8	D.S.
12/27/96	Not accessible - snow covered		D.S.
1/3/97	Piezometer not accessible - snow covered		D.S.
2/7/97	Piezometer not accessible - snow covered		D.S.
3/21/97	33' 30.8	2.2'	D.S.