

Document Information Form

Mine Number: C/007/006

File Name: Incoming

To: DOGM

From:

Person N/A

Company CYPRUS PLATEAU MINING CORPORATION

Date Sent: N/A

Explanation:

1990 Sediment Pond Certification

cc:

File in: C/007, 006, Incoming

- Refer to:
- Confidential
 - Shelf
 - Expandable

Date _____ For additional information

Copy Jesse, Pam, Tom
File ACT/007/006 #7
#2

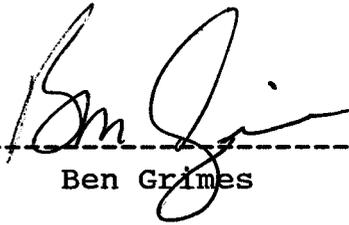
Cyprus Plateau Mining Corporation
1990 Sediment Pond Certification

Attachment A to this document lists the certifications of the sediment ponds at Cyprus Plateau. Treatment Facility 1, and ponds 3 and 5, were granted variances from the PE certification requirement. Ponds 2, 4, 6, 7, 8, and 9 were certified by PEs.

Quarterly inspections of the ponds are made by Ben Grimes, who has 15 years experience in pond construction, and has been certified by MSHA as an impoundment inspector. Mr. Grimes conducts the inspections under the direction of professional engineers at the mine.

There are no apparent structural weaknesses or other hazardous conditions at any of the ponds. Attachment B lists storage capacity and other pond data.

Minor modifications to the outlet pipes of ponds 1, 3, 4, 5, 6, and 7, are being made in accordance with Violation N91-25-01-03 dated March 8, 1991. The abatement date was extended to May 30, 1991 because of winter weather and frozen ground conditions. Although pond 8 was listed on the violation, it meets all of the design requirements as certified by Mr. Willie Whitney PE on August 17, 1988.



Ben Grimes

File in:
 Confidential
 Shelf
 Expandable
Refer to Record No. 0006 Date _____
In C/ 007, 006, Incoming
For additional information

**Attachment A
Sediment Ponds Certifications**

Pond Number	Date	Certified By	Explanation
1	7/19/84	DOGM	Pond 1 redesignated as a Treatment Facility. Does not have to meet design requirements of UMC 817.46. "The structure has met, and is in compliance with the performance standards for treatment facilities." Variance from certification (UMC 817.46 (r)) granted.
2	8/19/86	Marvin Allen PE	Pond 2 constructed according to plans and specifications.
3	12/7/84	DOGM Marvin Allen PE	Pond 3 granted variance from PE certification based on: PE certification that pond has (a) adequate sediment and runoff storage capacity, (b) survey by Bruce Ware RLS #4502 showed that the pond closely approximates the approved plan, and (c) a stability analysis by R&M Consultants showed that the embankment was stable.
4	11/16/81	David Ariotti PE	Pond 4 constructed according to plans and specifications.
5	12/7/84	DOGM Marvin Allen PE	Pond 5 granted variance from PE certification based on: PE certification that pond has (a) adequate sediment and runoff storage capacity, (b) survey by Bruce Ware RLS #4502 showed that the pond closely approximates the approved plan, and (c) a stability analysis by R&M Consultants showed that the embankment was stable.
6	11/16/81	David Ariotti PE	Pond 6 constructed according to plans and specifications.
7	11/16/81	David Ariotti PE	Pond 7 constructed according to plans and specifications.
8	1/14/85	Willie Whitney PE	Pond 8 constructed according to plans and specifications.
9	8/17/88	Marvin Allen PE	Pond 9 constructed according to plans and specifications.