



# REYNOLDS ALUMINUM

Reynolds Metals Company • P.O. Box 999 • Longview, Washington 98632 • (206)425-2800

April 20, 1993

Mr. Don Reif  
DOE Industrial Section  
P.O. Box 47706  
Olympia, WA 98504-7706

Dear Mr. Reif:

Enclosed are documents which meet conditions 3 and 4 in Mr. Burkhalter's letter to Reynolds regarding the closure of the black mud surface impoundment. These are:

- (1) Certification by an independent professional engineer licensed in the State of Washington.
- (2) The Notice of Deed Restriction filed with the Cowlitz County Auditor.

In addition, Reynolds estimate of the quantity of black mud in the surface impoundment agrees favorably with the inventory figure in the closure plan on page I-3.

The exact point at which closure is considered complete is unclear to Reynolds. It would be desirable to discuss the transition between closure and post-closure so that we have a clear understanding of all requirements.

Reynolds wishes to thank the WDOE for their assistance in this process. Following your review of the attached, please contact me so that we can determine the next step.

Sincerely,

REYNOLDS METALS COMPANY  
LONGVIEW REDUCTION PLANT

Thomas D. Dickey  
Technical Supt.

mb  
Enc. Hal Hays - w/o attachment  
Ray Walker - w/o attachment  
Ken Solberg - w/o attachment  
Larry Tropea (E-L-3) - w/o attachment

# Engineer's Declaration

I, Richard G. Crim, a Professional Engineer registered pursuant to the Professional Engineers Registration Law, Revised Code of Washington 18.43, hereby declare that in my professional engineering judgement and opinion, and to the best of my information, knowledge and belief, the closure of the Black Mud Pond at the Reynolds Metals Company's Longview Reduction Plant facility located at Longview Washington, has been constructed in general accordance with the approved closure plan dated July, 1991, and the *Technical Specifications and Drawings for Black Mud Pond Closure*, April, 1992.

Richard G. Crim  
Signature

JANUARY 27, 1993  
Date

Professional Engineering License No. 22692

CH2M HILL  
825 NE Multnomah  
Suite 1300  
Portland, Oregon 97232

Telephone No. (503)235-5000



EXPIRES 5/30/93

REYNOLDS METAL  
BLACK MUD POND  
LEGAL DESCRIPTION

DECEMBER 1992

A tract of land in the Crumline LaDue Donation Land Claim (D.L.C.) in the Southeast Quarter (S.E. 1/4) of Section 26, Township 8 North, Range 3 West, Willamette Meridian, Cowlitz County, Washington, described as follows:

Commencing at the Northwest corner of said D.L.C., as marked by an iron pipe identified as Long Bell corner 303 and being a corner of the Reynolds Metals Company tract as recorded in Deed Volume 264, Page 539 (Fee No. 209738), thence South 02°15'37" West along said Reynolds Metals West line (S. 00°34' W. deed bearing) 110.19 feet; thence South 87°44'23" East 332.73 feet to the Point of Beginning; thence south 88°42'57" East a distance of 594.33 feet; thence South 68°09'00" East a distance of 177.28 feet; thence South 00°36'31" East a distance of 903.58 feet; thence South 00°06'16" West a distance of 693.36 feet; thence North 87°16'52" West a distance of 998.57 feet; thence North 35°44'24" West a distance of 72.46 feet; thence North 05°02'03" East a distance of 1264.52 feet; thence North 27°31'36" East a distance of 349.97 feet to the Point of Beginning.

Subject to reservations, restrictions and easements of record.

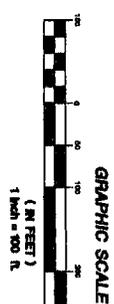
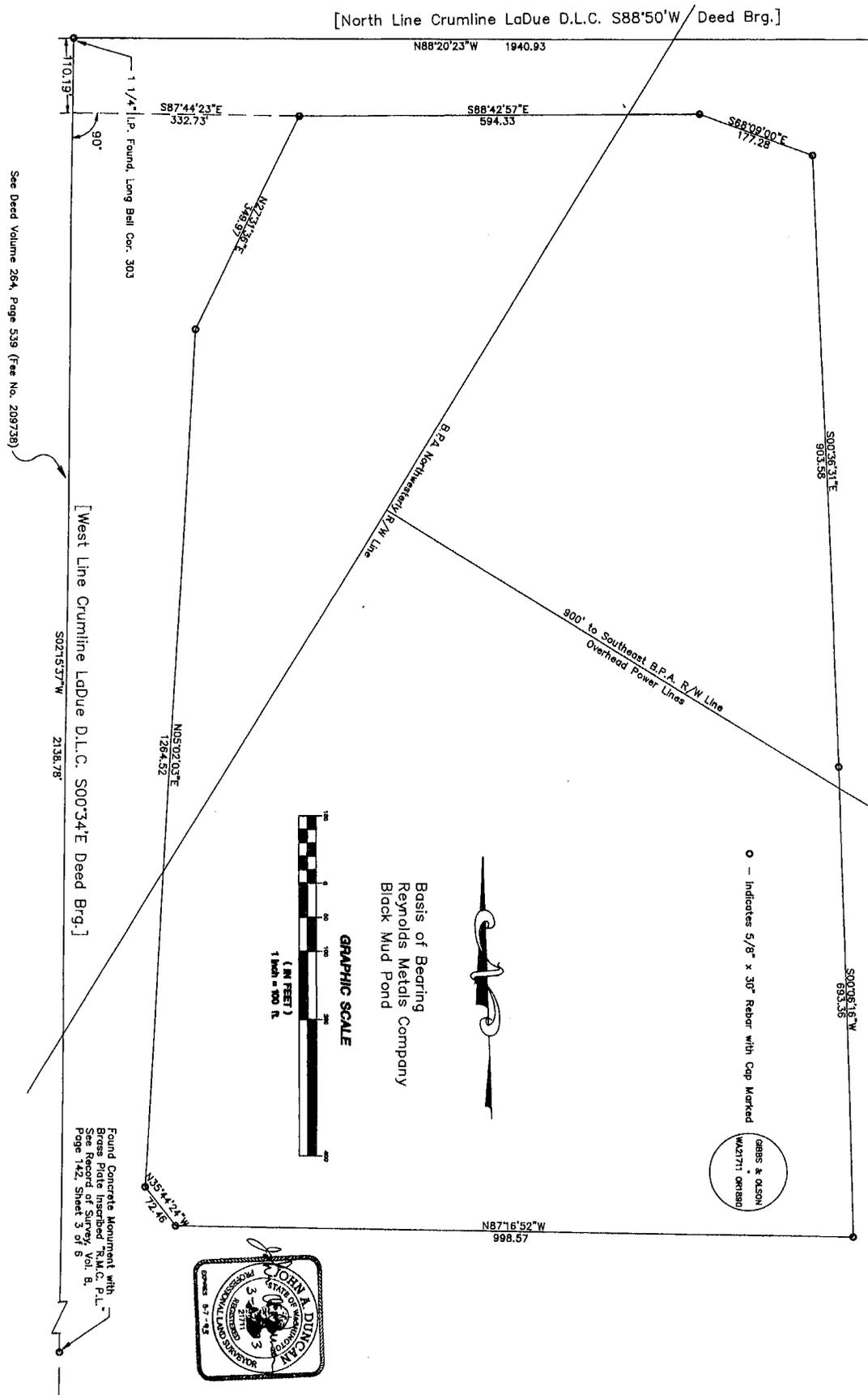
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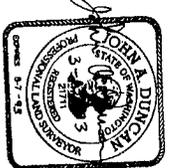
NOTE: NOTICE IS HEREBY GIVEN THAT THE PORTION OF THE REAL PROPERTY DESCRIBED IN DEED VOLUME 284, PAGE 539 (FEE NO. 209738), AS SHOWN IN THIS PLAT, HAS BEEN USED TO MANAGE DANGEROUS WASTES AND ITS USE IS RESTRICTED PER WAC 173-503-610 (10).

DARLENE M. DENISON  
COUNTY CLERK  
APR 1 10 23 AM '95  
REQUEST BY: Reynolds Metals Co.

NOTE: Survey Performed Using TOPCON GTS38  
Total Station. Precision Exceeds 1 in 5000.



Basis of Bearing  
Reynolds Metals Company  
Black Mud Pond



Found Concrete Monument with  
Bearing and Distance  
See Record of Survey Vol. 6,  
Page 142, Sheet 3 of 6



**GIBBS & OLSON INC.**  
Engineers • Planners • Surveyors  
LONGVIEW WASHINGTON

**Reynolds Metals Company**  
Black Mud Pond  
Sited in the Crumline LaDue D.L.C.  
in the SE 1/4 Sec. 28, T48N, R35W, W4E  
Conditz County, Washington

**STATE OF WASHINGTON**  
SURVEYOR'S CERTIFICATE  
I, JOHN D. DILLMAN, do hereby certify that  
the above and foregoing plat was prepared  
by me or under my direction in accordance with the  
requirements of the Surveying Act,  
FILED AT THE REQUEST OF REYNOLDS METALS COMPANY  
J. D. Dillman 2/17/11 SLS 915-04  
LICENSE NO. FILE NO.

**ADDRESS: 1000 1st Ave. N.E., Seattle, WA 98102**  
DATE: 04/12/11  
BY: John D. Dillman, Surveyor  
APPROVED: [Signature]

See Deed Volume 284, Page 539 (FEE No. 209738)