

Johnson, Bill H (DNR)

From: Fred Marinelli <[REDACTED]>
Sent: Friday, July 27, 2012 8:51 AM
To: Al Trippel; Houston Kempton; Paul Haby; Carlson, Erik (DNR); David Blaha; Fred Marinelli
Subject: Fwd: Plant Site Control Volumes 3 and 4
Attachments: Plant Site Control Volumes - 072612.pdf

FYI. Main issue is that the pond water balance is not considered. Percolation from pond into tailings is considered.

Fred

----- Forwarded message -----

From: Cory D. Anderson <[REDACTED]>
Date: Thu, Jul 26, 2012 at 4:01 PM
Subject: Plant Site Control Volumes 3 and 4
To: Fred Marinelli <[REDACTED]> "Cory D. Anderson" <[REDACTED]>
Cc: Tina Pint <[REDACTED]> "Peter J. Hinck" <[REDACTED]>

Fred, attached is a schematic of the Plant Site control volumes 3 and 4 pertaining to the Tailings Basin. I will create a more detailed one which is laid out on the work plan flow charts once I get started. The attached is just to confirm a common understanding.

As we discussed and thought was best, the control volume is limited to and completely contains the tailings of the Tailings Basin. The boundary is below the surface of the pond.

Also, Cell 2W is treated separately (C.V. #3) from Cells 1E and 2E (C.V. #4).

Spreadsheets with the same layout as the ones sent yesterday will be created for these 2 new control volumes. I will try my best to get these done by the end of tomorrow. But in all likelihood, since I already had plans this evening until about 10 pm, I may not be able to get them both done before tomorrow is over. They will for sure be sent to you before Tuesday is over next week.

Please comment on this email if I did not capture anything about our conversation correctly. If you are ok with it, you can forward it to Erik and others as appropriate.

Thanks for the call today Fred,

Cory D. Anderson

MS Civil Engineering

Water Resources

Minneapolis office: [REDACTED]

[REDACTED]
www.barr.com

resourceful. naturally.



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Fred Marinelli

Senior Groundwater Hydrologist

Interralogic, Inc.

4715 Innovation Dr., Ste. 110

Fort Collins, CO 80525

Phone: [REDACTED]

E-mail: [REDACTED]

Website: www.interralogic.com