

## Johnson, Bill H (DNR)

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**From:** Peter J. Hinck <[REDACTED]>  
**Sent:** Friday, August 17, 2012 6:10 PM  
**To:** Fred Marinelli ([REDACTED]) Paul Haby ([REDACTED])  
**Cc:** Dave Blaha ([REDACTED]) Jim Scott ([REDACTED]) Carlson, Erik (DNR); Cory D. Anderson; Tina Pint  
**Subject:** NorthMet GoldSim models updated (Ver. AWMP 2.3)  
**Attachments:** NorthMet GoldSim QAQC Tracking 16Aug2012.xlsx; Plant Site Control Volumes for Task 2 QAQC.pdf; Northmet Mine Site Water Quality Model Flowchart ALL - CONTROL VOLUMES.pdf

Fred and Paul,

We have updated the models posted to the project website (now Version AWMP 2.3 for both Mine Site and Plant Site). I believe that these models include all of the requested control volumes and calculation points for both sites. Attached are the updated annotated flowcharts showing the various control volume elements.

As before, we have made a few additional changes to the models that are documented in the attached spreadsheet.

I know that you have another outstanding question for Cory; he was out of the office today but is aware of your question, he'll respond Monday if not before.

Thanks for the continuing helpful communication—let us know as you have other questions or need further clarification.

Peter

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