

## Johnson, Bill H (DNR)

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**From:** Fred Marinelli <[REDACTED]>  
**Sent:** Friday, July 27, 2012 8:21 PM  
**To:** Carlson, Erik (DNR)  
**Cc:** Al Trippel; David Blaha; Houston Kempton; Jim Finley; Paul Haby; Fred Marinelli  
**Subject:** followup to earlier email  
**Attachments:** Plant site - ftb - seepage at north toe.pdf

The attached graph shows seepage flow rate and sulfate concentration at the north toe of the FTB. The new spreadsheets provided by Barr allow these types of plots to be easily generated. Interested in comments on why the north toe sulfate concentration is well below the sulfate cap (~2,500 mg/L). Should this be expected geochemically?

Thanks,

Fred

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