

Gates, Bill (Efdsouth)

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From: Ramanauskas.Peter@epamail.epa.gov  
Sent: Monday, March 18, 2002 12:38 PM  
To: brent\_t@crane.navy.mil; Gates, Bill (Efdsouth)  
Subject: More DBG thoughts

Gentlemen,

I've continued to look through the DBG Tech Memo and wanted to share my thoughts with you.

I am glad to hear that there were no dyes detected in the upper aquifer and there does not seem to be a serious metals problem there either. Elevated metals levels do appear to be the result of the lower pH of the groundwater found in the Pennsylvannian aquifer and not due to past waste disposal practices at DBG. As such, I would like you to demonstrate that the cause of the low pH levels in the aquifer is indeed naturally occurring. A discussion of water chemistry, aquifer characteristics, and investigation of boring logs for all wells in the upper and lower Pennsylvannian aquifer (perhaps they would identify the coal seams that are mentioned in the Tech Memo?) would be helpful here. You could develop this for inclusion in the RFI report.

I agree that there is no need to add the additional northeast well cluster because groundwater does not seem to be seriously affected by metals in the Upper/Lower Pennsylvannian aquifer.

I expect that there will be discussion of metals in soils at DBG compared to Basewide Background?

Please let me know if you have any questions.

Thanks!  
Pete