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JEB FORT STORY, VA  
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E-MAIL TRASMITTING COMMONWEALTH OF VIRGINIA DEPARTMENT OF  
ENVIRONMENTAL QUALITY (VDEQ) SHOWER MODEL FOR REVISED RISK ASSESSMENT  
FORT STORY VA  
3/20/2002  
MALCOLM PIRNIE

Musel, Dan S.

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**From:** Pace, Tony [TPace@PIRNIE.COM]  
**Sent:** Wednesday, March 20, 2002 8:18 AM  
**To:** 'sswilcox@state.deq.va.us'  
**Cc:** Glass, David; Dan Musel (E-mail)  
**Subject:** VDEQ Shower Model



shower model  
memo.doc (45 KB)

Sharon,

I was using the VDEQ shower model for the revised risk assessment at the Fort Story sites and I thought there were several equations that did not appear to be correct. A groundwater concentration of 11 ug/l for chloroform results in an inhalation HQ of over 20 and that seemed high to me.

I had David Glass of our office go through the model equations and I have attached his memo to me outlining what he believes are inaccuracies in the model. Could you or someone else on the VDEQ staff take a look at his memo and let me know what you think. Thanks.

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