

**From:** [Ray Quick](#)  
**To:** [Help-DrillProject](#)  
**Cc:** [Blanz, Bob](#); [Osborne, Caleb](#)  
**Subject:** Email-from-ADEQ-CH-Integrity Study-Webpage  
**Date:** Thursday, August 4, 2016 2:40:24 PM

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Gentlemen,

If swine waste is encountered in the regolith (soil) and/or bedrock during drilling activities what does the Department propose to do next? Obviously, this would demonstrate a breach in the clay liner of the swine waste lagoons. As you are aware, the site geology is the Boone-St. Joe Formation which is primarily a conduit flow system which allows for rapid transport of groundwater and/or contaminants with very little , if any, attenuation. A recent groundwater dye trace was conducted adjacent to the C&H CAFO and displayed a groundwater velocity of approximately 2700 feet per day.

Please respond to this question by email prior to commencement of field activities.

Sincerely,

Ray A. Quick, P.G.



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