

Wickham, Jerry, Env. Health

From: Bob Clark-Riddell [BRiddell@pangeaenv.com]
Sent: Wednesday, November 28, 2007 11:06 AM
To: Wickham, Jerry, Env. Health
Subject: RE: 1230 14th Street - Draft CAP?

Jerry,

It was good speaking with you the other day. Although the final settlement paperwork has not been completed, Andy Saberi informs me that corrective action is his responsibility now. Pangea plans to conduct groundwater monitoring in December.

Should we submit a Draft CAP at this time? Should the Draft CAP include a workplan for SVE testing after your review of our July 11, 2007 letter? Your direction is requested to help ensure regulatory compliance and Fund reimbursement. Thank you.

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From: Bob Clark-Riddell
Sent: Thursday, November 08, 2007 9:14 PM
To: 'jerry.wickham@acgov.org'
Subject: RE: 1230 14th Street Letter

Jerry,

Here is the July 11, 2007 letter which you indicated is not in the ACEH files. We will upload it to the FTP site.

Comment #3 of the letter provides additional discussion of the limited vacuum influence and water upwelling observed during prior SVE and DPE testing. As we discussed today, Pangea proposed DPE to help keep well screens open for vapor extraction. We anticipated pumping out relatively low water volumes rather than more extensive DPE to dewater the deeper impact area. We planned to primarily rely on AS for remediation of the saturated zone, with DPE primarily for vapor capture. We estimated that the additional cost for water treatment via DPE would be more than offset by (1) faster site remediation, (2) saved SVE testing cost and associated test wells/planning/reporting, (3) less dense well network, and (4) reduced monitoring costs, while simultaneously better controlling vapor capture and safeguarding human health.

Having said this, Pangea is completely willing to conduct additional the requested SVE/AS testing if you still feel it's appropriate. We look forward to your input as we prepare the Draft CAP, with or without a work workplan for SVE/AS. Feel free to call me with any questions.

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11/29/2007