

## Detterman, Mark, Env. Health

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**From:** Detterman, Mark, Env. Health  
**Sent:** Friday, September 19, 2014 3:47 PM  
**To:** 'Daniel Villanueva'  
**Subject:** Swiss Valley Cleaners - A follow-up to last directive letter

Daniel,  
One final email for the day.

I wanted to communicate several items that a little brain storming event noticed in regards to site data, and which have not been touched on in directive letters, but which could be addressed in requested work plans and thereby potentially limiting work plan addendum requests. These are:

- 1) Indoor air PCE concentrations in the nail salon next door included the highest PCE concentration for the site during the second indoor air sampling event. Have you evaluated the HVAC system to determine if the system is linked together in some manner to cause this, and is it an option to modify this to help mitigate the concentrations next door?
- 2) While a pilot test has been conducted and will be reported on shortly, the lateral extent and source of the contamination has not been located, and utility conduit locations have not been mapped out and investigated (as you know many times a source for lateral migration; are the sewer laterals at the site linked?). In general, the consensus is that a vapor cloud cannot exist on its own, and so far soil concentrations have been pretty limited / low. In order for remediation to proceed, both will be needed in order to incorporate comprehensive remedies across the site. While I suspect you are likely to propose this, I wanted to state that the subsurface investigation of adjacent suite(s) is appropriate based on the presence of elevated vapor concentrations at the northern wall of the dry cleaner suite and in indoor air.

Once again, let me know if you have questions.

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