

## **Detterman, Mark, Env. Health**

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**From:** Detterman, Mark, Env. Health  
**Sent:** Wednesday, March 28, 2018 3:05 PM  
**To:** 'Andy Lojo'; smichelson@awrcorp.net  
**Cc:** Yola Bayram; Chris Jones; Roe, Dilan, Env. Health  
**Subject:** RE: ACDEH Correspondence RO151- Soil gas PCE detection limits

Andy,

Thanks for conducting the review. With the intent of determining if HVOCs are a concern at the site, the technique might be useful on a limited basis as you have suggested.

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*Senior Hazardous Materials Specialist*  
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*PDF Copies of case files can be downloaded at:*  
*<http://www.acgov.org/aceh/lop/ust.htm>*

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**From:** Andy Lojo [mailto:[andrew.lojo@terraphase.com](mailto:andrew.lojo@terraphase.com)]  
**Sent:** Wednesday, March 28, 2018 2:55 PM  
**To:** smichelson@awrcorp.net; Detterman, Mark, Env. Health <[Mark.Detterman@acgov.org](mailto:Mark.Detterman@acgov.org)>  
**Cc:** Yola Bayram <[ybayram@awrcorp.net](mailto:ybayram@awrcorp.net)>; Chris Jones <[chris.jones@terraphase.com](mailto:chris.jones@terraphase.com)>; Roe, Dilan, Env. Health <[Dilan.Roe@acgov.org](mailto:Dilan.Roe@acgov.org)>  
**Subject:** RE: ACDEH Correspondence RO151- Soil gas PCE detection limits

Dear Mark and Steven

I reviewed the PCE and other chlorinated solvent soil gas data reported in spring 2017. Most of the samples have significantly elevated reporting limits for PCE and the other chlorinated compounds especially on the ARC site. This is caused by the need for the lab to dilute the samples prior to analysis so that the high levels of BTEX and GRO can be quantified. That probably means we cannot obtain usable data from the other sampling rounds. It is possible however, for labs to run the new samples at a low dilution to see PCE, etc. at detection limits needed to assess that concern. It costs more money because they need to spend extra time cleaning the instrument column after they are done to clean out the high levels of GRO, but it can be done.

This is probably not needed on most of the sub-slab samples, but to get an idea where the PCE is coming from, it may be useful to instruct the lab to do that on some of the mid-depth samples as well.

SV-2, and SV-6 would be good candidates. SV-15 is deeper but is located closer to the former maintenance pit than the other probes already installed.

Thanks

Andy

**Andrew M. Lojo, P.G.**

Principal Geologist

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**From:** dehloptoxic, Env. Health <[deh.loptoxic@acgov.org](mailto:deh.loptoxic@acgov.org)>

**Sent:** Tuesday, March 27, 2018 10:58 AM

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**Subject:** ACDEH Correspondence RO151

Dear Interested Parties,

Attached is Alameda County Department of Environmental Health's (ACDEH) correspondence for your case, RO0000151

Please add our email address to your book to prevent future e-mails from being filtered as spam.

Sincerely,

ACDEH