

## Detterman, Mark, Env. Health

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**From:** Phillips, Hollis [Hollis.Phillips@arcadis-us.com]  
**Sent:** Tuesday, April 21, 2015 4:17 PM  
**To:** Detterman, Mark, Env. Health  
**Subject:** RE: RO0000076 - Directive

You did include it but I just wanted to let you know.

Hollis

-----Original Message-----

**From:** Detterman, Mark, Env. Health [<mailto:Mark.Detterman@acgov.org>]  
**Sent:** Tuesday, April 21, 2015 4:07 PM  
**To:** Phillips, Hollis  
**Subject:** RE: RO0000076 - Directive

Thanks Hollis. I think I included wording in the directive letter to acknowledge the effect of shallower water and that it may prevent installation to the full preferred depth. Hopefully it will be sufficient to get good data so we can move the site in some direction.

Mark

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**From:** Phillips, Hollis [Hollis.Phillips@arcadis-us.com]  
**Sent:** Tuesday, April 21, 2015 3:54 PM  
**To:** Detterman, Mark, Env. Health  
**Subject:** RE: RO0000076 - Directive

Mark:

We are getting ready to get in the field for the groundwater and soil vapor sampling at the above referenced site. Groundwater is between 6 and 8 feet bgs which doesn't bode well for sampling 5 feet below the potential basements in the adjacent houses. I won't want to set anything deeper than 7 feet bgs. I just wanted to give you a head's up that the SV probes will be shallower than you would like.

Hollis

**From:** Detterman, Mark, Env. Health [<mailto:Mark.Detterman@acgov.org>]  
**Sent:** Friday, February 20, 2015 12:22 PM  
**To:** Phillips, Hollis  
**Subject:** RE: RO0000076 - Directive

Hollis,

The locations of the vapor probes are adequate, but in my judgment each could be moved 5 to 10 feet south (southwest) along the property line. This would allow SV-7 to be more protective of the residential house with the (at least) half-basement (and not as far from a probable source), and SV-8 would be more protective of vapor detected at SV-6. I am relying in part on professional judgment, so you may be aware of other information I am not in the placement of the probes. The intent is to be protective of residential use of neighboring properties.

Mark Detterman  
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PDF copies of case files can be downloaded at:

<http://www.acgov.org/aceh/lop/ust.htm>

From: Phillips, Hollis [<mailto:Hollis.Phillips@arcadis-us.com>]

Sent: Wednesday, February 18, 2015 7:24 AM

To: Detterman, Mark, Env. Health

Subject: RO0000076 - Directive

Mark:

Can you please confirm that the location of the soil vapor probes is fine, it's only the depths that you would like to change.

Thanks

Hollis

Hollis E. Phillips | Principal Geologist | [hollis.phillips@arcadis-us.com](mailto:hollis.phillips@arcadis-us.com)<<mailto:hollis.phillips@arcadis-us.com>>

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