

## Detterman, Mark, Env. Health

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**From:** Detterman, Mark, Env. Health  
**Sent:** Friday, January 30, 2015 1:29 PM  
**To:** 'Gwen Tellegen'  
**Cc:** Dan Phelps; WLewerenz@aol.com; Jennifer Repa  
**Subject:** RE: Submittal of Workplan for Sampling for UST Closure at 1400 Park Avenue in Emeryville

Gwen,

I have extended the submittal date listed on Geotracker to February 9 per your request; please use this email to document the extension. I look forward to moving this case forward, presumably towards closure, and to your work plan to fill data gaps as discussed in the meetings, and as also detailed in the May 23, 2014 directive letter from ACEH. Please incorporate the well survey and gradient data into your work plan submittal and use it to help determine bore locations.

Best,

*Mark Detterman*  
*Senior Hazardous Materials Specialist, PG, CEG*  
*Alameda County Environmental Health*  
*1131 Harbor Bay Parkway*  
*Alameda, CA 94502*  
*Direct: 510.567.6876*  
*Fax: 510.337.9335*  
*Email: mark.detterman@acgov.org*

*PDF copies of case files can be downloaded at:*

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

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**From:** Gwen Tellegen [mailto:gwen.tellegen@terrphase.com]  
**Sent:** Wednesday, January 28, 2015 4:46 PM  
**To:** Detterman, Mark, Env. Health  
**Cc:** Dan Phelps; WLewerenz@aol.com; Jennifer Repa  
**Subject:** Submittal of Workplan for Sampling for UST Closure at 1400 Park Avenue in Emeryville

Hello Mark,

As we discussed today, Terraphase would like to request an extension for the submittal of a Workplan for Sampling Related to the Closure of the UST Case at 1400 Park Avenue in Emeryville. The purpose of the activities described in the Workplan will be to provide sufficient information to allow for Alameda County Environmental Health to issue a No Further Action letter for this case. This Workplan will be submitted to you by Terraphase on or before February 9, 2015.

The Workplan will describe soil sampling in the immediate area of the UST. We will sample soil at three locations around former tank pit one sample collected at depths of 0-5' and a second at 5-10'. We will also include an analysis of groundwater gradients measured in the immediate area of the Site (see attached Compiled Gradient Figure) and the recent measurement of the groundwater gradient at the Site (to be conducted this week). If MW-1 is indeed 30 feet down-gradient of the former UST excavation (see attached excerpts from UST Removal Report by AquaScience Engineers), a groundwater sample will be collected from MW-1 following a three volume purge of the well. If another gradient is demonstrated by the gauging of the Site's monitoring wells, we will describe a method by which to collect a representative groundwater sample downgradient of the former USTs.

He have searched the information provided to us by Alameda county for groundwater production wells (of depths greater than or equal to 92 feet) and created a map of their locations. As you can see, there are no production, monitoring or other deep wells within 2000 feet of the Site.

If you have any further questions or concerns, please do not hesitate to contact me.

Respectfully submitted,

Gwen Tellegen, PE  
Principal Engineer  
Director of Southern California Operations  
Terraphase Engineering  
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**From:** Detterman, Mark, Env. Health [<mailto:Mark.Detterman@acgov.org>]  
**Sent:** Wednesday, January 28, 2015 10:46 AM  
**To:** Gwen Tellegen  
**Subject:** FW: well search 1 mile radius of 1400 Park Ave. 1S4W22G

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

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**From:** Miller, Steve  
**Sent:** Monday, September 08, 2014 3:29 PM  
**To:** [Gwen.Tellegen@terrphase.com](mailto:Gwen.Tellegen@terrphase.com); Detterman, Mark, Env. Health  
**Cc:** Wells  
**Subject:** well search 1 mile radius of 1400 Park Ave. 1S4W22G

You requested a 1 mile radius search.

I searched in Sections 1S4W14E, L, M, N, P, Q; 1S4W15E, F, G, H, J, K, L, M, N, P, Q, R; 1S4W16J, Q, R; 1S4W21A, B, G, H, J, K, Q, R; 1S4W22A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R; 1S4W23B, C, D, E, F, G, K, L, M, N, P, Q; 1S4W26C, D, E; 1S4W27A, B, C, D, E, F, G, H; 1S4W28A and found results in all but the underlined sections.

In accordance with Section 13752, information obtained from these reports shall be kept confidential and shall not be disseminated, published, or made available for inspection by the public without written authorization from the owner(s) of the well(s). The information shall be used only for the purpose of conducting the study. Copies obtained shall be stamped CONFIDENTIAL and shall be kept in a restricted file accessible only to agency staff or the authorized agent.

The information provided is deemed reliable but not guaranteed. It is possible that further information is available.

Please let me know if you have any questions or would like further details, if available. Thanks-

Steven Miller

Engineering Staff Assistant 2

Water Resources

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