

From: [Detterman, Karel, Env. Health](#)
To: ksaveourkids@aol.com; [Jeffery C. Bensch](#); "B Whalen"
Cc: [Reid, Judy@Waterboards](mailto:Reid_Judy@Waterboards); [Rodarte, Marisa@Waterboards](mailto:Rodarte_Marisa@Waterboards); "kelly.garber@waterboards.ca.gov"; [Roe, Dilan, Env. Health](#)
Subject: FW: Fuel Leak Case R03077 - Global ID T10000003190 - F&M Auto Service/Gas Station, 1839 Foothill Boulevard, Oakland, CA 94606
Date: Monday, August 25, 2014 12:01:52 PM
Attachments: [R03077 ACEH 2014-07-28 Revised Figures.pdf](#)

Here are the referenced attachments.

Karel Detterman, PG
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502
Direct: 510.567.6708
Fax: 510.337.9335
Email: karel.detterman@acgov.org

PDF copies of case files can be downloaded at:

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

From: Detterman, Karel, Env. Health
Sent: Monday, August 25, 2014 11:49 AM
To: ksaveourkids@aol.com; [Jeffery C. Bensch](#); 'B Whalen'
Cc: [Reid, Judy@Waterboards](mailto:Reid_Judy@Waterboards); [Rodarte, Marisa@Waterboards](mailto:Rodarte_Marisa@Waterboards); "kelly.garber@waterboards.ca.gov"; [Roe, Dilan, Env. Health](#)
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Hello Everyone:

Thank you for participating in a conference call with Alameda County Environmental Health (ACEH) on July 28, 2014. I informed the group that Mary Wright, the Responsible Party (RP), was traveling on 7/28/2014 but during a call with her earlier that day, gave me permission to proceed with the conference call without her.

The purpose of the conference call was to discuss ACEH's 6/5/2014 *Notice to Comply* and a 7/10/2014 e-mail from the RP's consultant, Sierra West Consultants, Inc. (Sierra West), informing ACEH that on behalf of the RP, they were in receipt of a new Orphan Site Cleanup Fund (OSCF) grant and could proceed with site field work originally approved by ACEH in July 2013. ACEH staff reviewed the case file, including the May 3, 2013 *Work Plan Addendum* (Addendum) submitted by Sierra West Consultants, Inc. on behalf of the RP in conjunction with the State Water Resources Control Board's (SWRCB) Low Threat Underground Storage Tank Case Closure Policy (LTCP).

On July 1, 2013 ACEH staff issued a directive letter conditionally approving the Soil Boring Transect portion of the Addendum, requested submittal of boring logs and soil and groundwater analytical results by e-mail for expedited review and approval by ACEH of the proposed well locations prior to installation, and requested a conference call by July 15, 2013 to discuss the soil vapor assessment portion of the Addendum. The requested work

was not performed and the site became non-compliant with directives from ACEH.

The following bulleted list summarizes the main topics discussed during the conference call:

1. Kelly Garber will be taking over for Marisa Rodarte (UST Cleanup Fund), and has an executed grant with funds available;
2. In ACEH's July 1, 2013 Directive Letter, three technical comments (iterated below) were provided on the Addendum. The first two comments have been addressed and the revised figures are attached to this e-mail and the third comment was discussed;
3. ACEH inquired if soil samples collected from the former waste oil tank (UST#4) excavation had been analyzed for naphthalene by EPA 8260, but no discrete samples had been analyzed by EPA 8260. Only TPHg, BTEX, MTBE, and total lead analyses were performed on the excavation sidewall samples from UST#4. EPA 8260 including naphthalene was performed on the stockpile sample collected following excavation, and naphthalene was detected at 5.62 mg/kg. Soil and groundwater samples collected from nearby well MW-3 were analyzed by EPA 8260, including naphthalene, but, although naphthalene was not detected, the soil samples were taken from depths exceeding 10 feet below ground surface. Naphthalene was not detected in groundwater samples.

Based on discussions during our conference call and to advance your case on the path to site closure, the proposed scope of work is conditionally approved for implementation provided that the technical comments below are incorporated during the proposed work. Submittal of a revised work plan or a work plan addendum is not required unless an alternate scope of work outside that described in the work plan or these technical comments is proposed. We request that you address the following technical comments, perform the proposed work, and send us the report described below. Please provide 72-hour advance written notification to this office (e-mail preferred to: karel.detterman@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

Technical Comments from the July 1, 2013 Directive Letter:

1. **Semi-Annual Groundwater Monitoring and Sampling Report Modification**
- Please include a rose diagram in all future Semi-Annual Groundwater Monitoring and Sampling Reports.
2. **Addendum Soil Boring Transect Scope of Work Modifications** – The Addendum proposed a series of actions with which ACEH are in general agreement; however, ACEH requested the following modifications to the approach:
 - a. **Request to move Gleason Way Soil Boring B-7** – Thank you for providing the revised figure (attached) showing the location of boring B-7 (moved approximately 30 feet northwest of its originally proposed location);

- b. Request for submittal of transect boring data packet prior to well installation** – The Addendum stated that “following interpretation of the boring logs and laboratory analytical results from B-4 through B-9, the final well locations and construction details will be determined.” Please send the soil and groundwater analytical results and completed soil bore logs to karel.detterman@acgov.org in order to facilitate an expedited review and approval of well placement locations prior to well installation. ACEH will provide comments on the transect boring data packet within one week of receipt.

3. Addendum Work Plan Soil Vapor Assessment Scope of Work Modifications –

- a.** Thank you for providing the revised figure (attached) indicating the new locations of VW-1 through VW-4 in closer proximity to existing wells and/or former USTs, and the property lines;
- b.** Because of the shallow and variable depth groundwater conditions at the site (5.62 feet – 11.45 feet below ground surface), the proposed depth of soil vapor samples (6 feet) was too shallow; ACEH suggested increasing the proposed depth by one foot. Thank you for providing the revised figure (attached) indicating the modified soil vapor well construction;
- c.** As per the Addendum, TO-15 can be used to analyze soil vapor samples, but soil vapor results must be confirmed with TO-17;
- d.** As per the Addendum, please include the soil vapor well installation and ongoing monitoring results with the Semi-annual groundwater monitoring and sampling reports.

TECHNICAL REPORT REQUEST

Please upload technical reports to the ACEH ftp site (Attention: Karel Detterman), and to the State Water Resources Control Board’s Geotracker website, in accordance with Attachment 1 and the following specified file naming convention and schedule:

- **September 22, 2014** – Semi-annual groundwater monitoring and sampling event
File to be named: RO3077_GWM_R_YYYY-MM-DD
- **October 10, 2014** - E-mail boring logs and soil and groundwater analytical results
File to be named: RO3077_MISC_R_YYYY-MM-DD
- **60 Days after E-Mail Approval of Proposed Well Locations** - Updated SCM and Soil and Groundwater Investigation Report
File to be named: RO3077_SCM_SWI_R_YYYY-MM-DD
- **March 15, 2015** – Semi-annual groundwater monitoring and sampling event
File to be named: RO3077_GWM_R_YYYY-MM-DD

- **September 15, 2015** – Semi-annual groundwater monitoring and sampling event
File to be named: RO3077_GWM_R_yyyy-mm-dd

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

Online case files are available for review at the following website:

<http://www.acgov.org/aceh/index.htm> Should you have any questions or concerns regarding this correspondence or your case, please send me an e-mail message at karel.detterman@acgov.org or call me at (510) 567-6708.

Thank you,

Karel Detterman, PG
Hazardous Materials Specialist
Alameda County Environmental Health
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Alameda, CA 94502
Direct: 510.567.6708
Fax: 510.337.9335
Email: karel.detterman@acgov.org

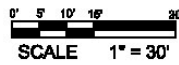
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Legend:

- ⊕ - Monitoring Well
- ⊙ - Proposed Soil Boring



Notes:

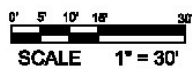
- 1) Well locations based on survey data provided by Virgil Chavez Land Surveying on 1/31/2012.
- 2) Locations of USTs and former Site structures are approximate.
- 3) Former Site structures were demolished on March 31, 2011.
- 4) USTs were removed on April 6, 2011.

TITLE: Proposed Soil Boring Locations	
LOCATION: F&M Auto Service UST Site 1839 Foothill Blvd., Oakland, CA	
	FIGURE: 2



Legend:

- ◆ - Monitoring Well
- ◆ - Proposed Soil Vapor Well



Notes:

- 1) Well locations based on survey data provided by Virgil Chavez Land Surveying on 1/31/2012.
- 2) Locations of USTs and former Site structures are approximate.
- 3) Former Site structures were demolished on March 31, 2011.
- 4) USTs were removed on April 6, 2011.

TITLE:

Proposed Soil Vapor Well Locations

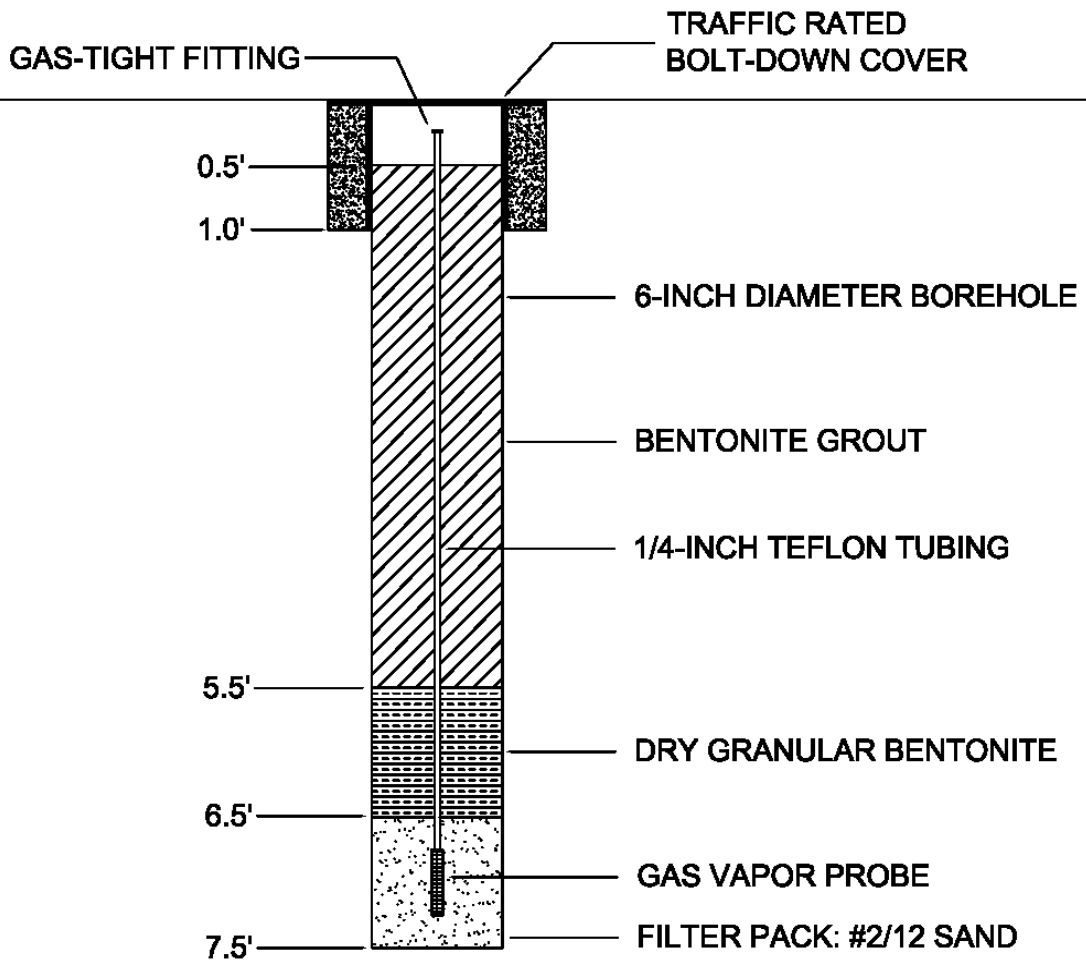
LOCATION:

F&M Auto Service UST Site
1839 Foothill Blvd., Oakland, CA



FIGURE:

5



TITLE: Soil Vapor Well Construction Details

LOCATION: F&M Auto Service UST Site
1839 Foothill Blvd., Oakland, CA



FIGURE:
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