

**From:** [Detterman, Karel, Env. Health](#)  
**To:** [Carmel, Charles](#); "[Kristene Tidwell](#)"; [Rob Miller](#)  
**Cc:** [Roe, Dilan, Env. Health](#)  
**Subject:** Fuel Leak Case RO0003100; Geotracker Global IDT10000004348, Buttner Property, 1900 Webster Street, Oakland, CA 94612-2946  
**Date:** Friday, June 06, 2014 5:24:28 PM  
**Attachments:** [Attachment 1 and ftpUploadInstructions 2014-05-15.pdf](#)

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Hello Chuck, Kristene, and Rob:

Thank you for participating today in a meeting with Alameda County Environmental Health (ACEH) at our office for a discussion of the March 5, 2014 *Work Plan for Additional Groundwater Investigation and Vapor Intrusion Assessment* (Work Plan) prepared by Broadbent. Thank you for submitting the Work Plan.

Based on ACEH staff review of the case file and the Work Plan, we generally concur with the proposed scope of work, provided that the modifications requested in the technical comments below are addressed and incorporated during the field implementation. This may require some changes to the planned scope of work; however, inclusion of the additional scope of work is expected to expedite the case to closure. The submittal of a Work Plan Addendum is not required unless an alternate scope of work outside that described in the Work Plan and technical comments below is proposed.

We request that you address the following technical comments, perform the proposed work, and send us the technical reports requested below. Please provide 72-hour advance written notification to this office (e-mail preferred to: [karel.detterman@acgov.org](mailto:karel.detterman@acgov.org)) prior to the start of field activities.

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## **TECHNICAL COMMENTS**

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1. 2014 Work Plan Modifications – The referenced work plan proposes a series of actions with which ACEH is in general agreement of undertaking; however, ACEH requests several modifications to the approach for the purpose of collecting specific data required to close the case under the LTCP in the minimum number of field events:
  - a. **LTCP General Criteria c (unauthorized release stopped) and f (Secondary source removed extent practicable):** Please place a second soil boring in the sidewalk to the southeast and approximately 20 – 25 feet of SB-4 as shown on Figure 3 of the Work Plan;
  - b. **LTCP General Criteria e (Site Conceptual Model):** Please prepare a site conceptual model in a tabular form including a sensitive receptor survey;
  - c. **LTCP Media Specific Criteria for Groundwater:** Please include analysis for VOCs on groundwater sample for SB-6 only and please use the criteria listed in Table 1 of the LTCP's Technical Justification for Groundwater Media-Specific Criteria to define the length of the plume;
  - d. **LTCP Media Specific Criteria for Vapor Intrusion to Indoor Air:** Please collect soil vapor samples 5 feet below the bottom of the existing buildings foundation;
  - e. **LTCP Media Specific Criteria for Direct Contact and Outdoor Air Criteria:** Please collect samples from depths of 3 feet and 7 feet from all soil

borings.

Based on the discussions during today's meeting, please summarize the data, prepare the SCM Table, and contact us to set up a meeting to discuss the findings. At that meeting, we'll discuss the results, any remaining data gaps, and determine the path forward.

### **TECHNICAL REPORT REQUEST**

Please upload the technical report 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:

- **July 31, 2014** – Site Conceptual Model  
File to be named: RO3100\_SCM\_R\_yyyy-mm-dd

This report is 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.

Thank you,

Karel Detterman, PG  
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PDF copies of case files can be downloaded at:

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