

From: [Detterman, Karel, Env. Health](#)
To: [Phillips, Hollis](#); [Shah, Arpen](#)
Cc: [Roe, Dilan, Env. Health](#)
Subject: RE: Fuel Leak Case No, RO0000426, BP #11109, 4280 Foothill Blvd, Oakland, CA
Date: Friday, January 31, 2014 2:54:42 PM
Attachments: [RO426 DR-KD mark-ups for 1-30-2014 meet.pdf](#)

Hello Hollis and Arpen:

Thank you for attending the meeting yesterday in our office for a discussion of Dilan's 1/3/2014 e-mail, that your Site Conceptual Model (SCM) and Request for Closure document dated 6/28/2013, and Alameda County Environmental Health's (ACEH) Low Threat Closure Policy (LTCP) Evaluation conducted on 8/12/2013 indicates the SCM fails to support closure as a low risk site due to non compliance with the LTCP General Criteria d (free product removal) and f (secondary source removal), and Media Specific Criteria for Groundwater and Direct Contact and Outdoor Air Exposure. Based on the discussions during our meeting, to advance your case to site closure, ACEH requests that you revise your SCM using existing site and adjacent site data, prepare a Data Gap Investigation Work Plan that is supported by a focused SCM to address the identified data gaps discussed during our meeting:

1. Review of ACEH's LTCP;
2. Adequacy of monitoring well network:
 - a. Many monitoring wells (MWs) have continually submerged well screens;
 - b. Groundwater gradient flow direction varies southwest to northwest;
3. Requested additional cross-sections which include Chevron 4265 Foothill Blvd. (RO427) and Shell 4411 Foothill Blvd. (RO415) data, as appropriate;
4. Determination of the extent of the benzene plume on-and -off site;
 - a. Reason for free product in the MWs in the southeast corner of the site;
 - b. Could there still be a source located near the corner of High St. and Foothill Blvd?
 - c. Benzene could be a potential vapor intrusion issue for adjacent residents;
5. Underground utilities acting as preferential pathways;
 - a. What are depths of utilities in streets?
 - b. Relationship between free product/high benzene concentrations in wells at downgradient corner of site, yet well C10 on Chevron site is clean.
6. Need to update well/sensitive receptor survey using data from both Alameda County Public Works and Dept of Water Resources.
7. Waste Oil UST (WO UST):
 - a. Examine existing data; may need an additional boring adjacent to former WO UST.
 - b. MW-2 footnotes indicate blockage in well since 3/7/2005: MW needs to be serviceable;
 - c. Or, collect soil & grab groundwater samples from a boring placed near former QO UST location;
8. Re-evaluate free-product bail-down test.

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:

- **March 31, 2014** – Revised Site Conceptual Model and Data Gap Investigation Work Plan
File to be named: RO426_SCM_WP_R_yyyy-mm-dd
- **March 31, 2014** – Schedule date for the Path to Closure Meeting to be held at ACEH's office

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
Hazardous Materials Specialist
Alameda County Environmental Health
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Alameda, CA 94502
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Email: karel.detterman@acgov.org

PDF copies of case files can be downloaded at:

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

From: Roe, Dilan, Env. Health
Sent: Thursday, January 16, 2014 8:49 AM
To: Phillips, Hollis
Cc: Detterman, Karel, Env. Health; Shah, Arpen
Subject: RE: Fuel Leak Case No, RO0000426, BP #11109, 4280 Foothill Blvd, Oakland, CA

Hi Hollis:

Let's do Thursday January 30, from 2 to 4. See you then.

Dilan Roe, P.E.

Program Manager - Land Use & Local Oversight Program
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PDF copies of case files can be reviewed/downloaded at:

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

From: Phillips, Hollis [<mailto:Hollis.Phillips@arcadis-us.com>]
Sent: Wednesday, January 15, 2014 5:37 PM
To: Roe, Dilan, Env. Health
Cc: Detterman, Karel, Env. Health; Shah, Arpen
Subject: RE: Fuel Leak Case No, RO0000426, BP #11109, 4280 Foothill Blvd, Oakland, CA

Dilan:

We can do Wednesday anytime or Thursday anytime except 11AM – 1PM. Let me know what works