

## Detterman, Karel, Env. Health

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**From:** Detterman, Karel, Env. Health  
**Sent:** Thursday, June 29, 2017 3:30 PM  
**To:** 'Giorgio Molinario'; neil.cotter@comcast.net  
**Cc:** Shannon Martin; Belinda Butler-Veytia; Alexandra Foote; Khatri, Paresh, Env. Health; Kauffman, Galvin@Waterboards; Cockerham, Kyle@Waterboards  
**Subject:** RE: 13712 Grove Street Wash Rack, 3884 Martin Luther King, Jr Way, Oakland - JET Meeting notes for review Fuel Leak Case No. RO000027 and GeoTracker Global ID T06000102106, Grove Street Wash Rack, 3884 Martin Luther King, Jr. Way, Oakland, CA 94609  
**Attachments:** Attachment\_1\_and\_ftpUploadInstructions\_2016-12-15.pdf

Ladies and Gentlemen:

Alameda County Environmental Health (ACDEH) has reviewed the case file including the *Proposed Data Gap Scope (Work Plan)* described below, prepared and submitted on your behalf by Environmental Resources Management (ERM) and submitted to the Joint Execution Team (JET) by e-mail on June 16, 2017. Thank you for submitting the Work Plan. Please incorporate the Technical Comment described below while conducting the work and upload your June 16, 2017 e-mail as a Work Plan to Geotracker and ACDEH's ftp site.

ACDEH has evaluated the data in conjunction with the case files, and the State Water Resources Control Board's (SWRCBs) Low Threat Underground Storage Tank Case Closure Policy (LTCP). Based on ACDEH staff review, we have determined that the site does not meet the LTCP Media-Specific Criteria for Groundwater and Media-Specific Criteria for Vapor Intrusion to Indoor Air. Consequently, as discussed during the JET conference call held on June 12, 2017, the general consensus was to conduct one more round of groundwater monitoring and sampling and to install three semi-permanent soil vapor probes the area of SV-1, SV-2 and SV-4 then collect additional soil vapor samples from those locations. If need be, the three probes would be available for additional sampling.

Based on ACEDH staff review of the draft work plan, the Work Plan is approved for implementation provided that the technical comment below is 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 the technical comment 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](mailto:karel.detterman@acgov.org)) prior to the start of field activities.

### **TECHNICAL COMMENT:**

- 1. Waste Management Documentation:** Please include documentation describing characterization and disposal of investigation-derived soil and groundwater waste with the Report requested below.
- 2. Electronic Submittal of Information (ESI) Compliance:** Please ensure that all analytical data for soil, water and vapor samples collected for the purpose of subsurface investigation is uploaded to GeoTracker (EDF files).

### **TECHNICAL REPORT REQUEST**

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

- **July 14, 2017** – Third Quarter 2016 Semiannual Monitoring Report to the ACDEH ftp site (Attention: Karel Detterman)  
File to be named: RO27\_GWM\_R\_yyyy-mm-dd
- **August 30, 2017** – Soil and Groundwater Investigation Report  
File to be named: RO27\_SWI\_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 for your cooperation. 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](mailto:karel.detterman@acgov.org) or call me at (510) 567-6708.

Sincerely,

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](mailto:karel.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:** Giorgio Molinario [mailto:[Giorgio.Molinario@erm.com](mailto:Giorgio.Molinario@erm.com)]

**Sent:** Friday, June 16, 2017 5:04 PM

**To:** Cockerham, Kyle@Waterboards <[Kyle.Cockerham@waterboards.ca.gov](mailto:Kyle.Cockerham@waterboards.ca.gov)>; Kauffman, Galvin@Waterboards <[Galvin.Kauffman@Waterboards.ca.gov](mailto:Galvin.Kauffman@Waterboards.ca.gov)>; Detterman, Karel, Env. Health <[Karel.Detterman@acgov.org](mailto:Karel.Detterman@acgov.org)>; Khatri, Paresh, Env. Health <[paresh.khatri@acgov.org](mailto:paresh.khatri@acgov.org)>; neil.cotter@comcast.net; Alexandra Foote <[alexandra@weinberg-gonser.com](mailto:alexandra@weinberg-gonser.com)>; Belinda Butler-Veytia <[Belinda.Butler-Veytia@erm.com](mailto:Belinda.Butler-Veytia@erm.com)>; Shannon Martin <[Shannon.Martin@erm.com](mailto:Shannon.Martin@erm.com)>

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Kyle:

In addition to the scope I sent previously (attached below) I am attaching the corresponding PEP with updated site information and cost estimate.

Please note that I am not including cost for groundwater analyses because we included an extra round of groundwater monitoring in the previous PEP. I am however, including a \$1,000 driller cost to decommission the soil vapor points in the future.

We have drillers and ERM team tentatively scheduled for July 11 to execute the work assuming that we can get your approval and the soil vapor boring permits in time.

The groundwater elevations were measured at MW-2, MW-3, and MW-4 today and are all below the top of the screen intervals (see attached table and graph).

Thank you,

-Giorgio

### **Proposed Data Gap Scope**

#### **Soil Vapor:**

- Conduct one round of groundwater level measurements at MW-2, MW-3, and MW-4 to compare groundwater levels to historic trends and February 2017 levels. Mark the site for soil vapor probe USA clearance on the same trip. Report water levels to the JET and note whether they are above the well screens for MW-2 (13' bgs) and MW-4 (11' bgs).
- Install permanent soil vapor monitoring points in the proximity of former soil vapor probes SV-1, SV-2, and SV-4 to a depth of approximately 5.5' bgs.
- Analyze the three soil vapor samples and one duplicate for BTEX, naphthalene, oxygen, methane, and carbon dioxide.

#### **Groundwater:**

Perform one round of groundwater monitoring at wells MW-1 to MW-8 concurrently with the soil vapor monitoring . Analyze the groundwater samples for the same analytes monitored in the past.

#### **Reporting:**

Issue a draft update as soon as the data are available including: groundwater levels, tabulated groundwater and soil vapor results, and laboratory reports.

Provide a report with an updated conceptual site model, groundwater and soil vapor results, and a LTCP evaluation. If applicable, include a request for closure.

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**From:** Cockerham, Kyle@Waterboards [<mailto:Kyle.Cockerham@waterboards.ca.gov>]

**Sent:** Monday, June 12, 2017 4:01 PM

**To:** Kauffman, Galvin@Waterboards; Detterman, Karel, Env. Health; Khatri, Pares, Env. Health; [neil.cotter@comcast.net](mailto:neil.cotter@comcast.net); Alexandra Foote; Giorgio Molinario; Belinda Butler-Veytia

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JET members,

Please find attached the notes from today's JET meeting. Please review and return comment to Galvin ([galvin.kauffman@waterboards.ca.gov](mailto:galvin.kauffman@waterboards.ca.gov)) as I will be on vacation starting tomorrow.

*Kyle Cockerham, P.G.*

Engineering Geologist

Expedited Claim Account Unit

State Water Resources Control Board

(916) 322-9686

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