

## Nowell, Keith, Env. Health

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**From:** Nowell, Keith, Env. Health  
**Sent:** Tuesday, August 26, 2014 2:32 PM  
**To:** Bart Burrows (bartburrows47@gmail.com); Bruce Burrows (bruceburrows99@gmail.com)  
**Cc:** Paul King; Roe, Dilan, Env. Health  
**Subject:** Fuel leak case RO247 - Robert and Ruth Burrows Trust, 260 30th Street, Oakland  
**Attachments:** RO247\_Alt\_Boring\_Locations.pdf

Dear Messrs. Bart and Bruce Burrows,

Thank you for meeting with Alameda County Environmental Health (ACEH) today providing an opportunity to discuss Fuel Leak Case No. RO247, Robert and Ruth Burrows Trust, located at 260 30<sup>th</sup> Street in Oakland, CA. The meeting provided a forum to discuss the recently submitted document entitled *Data Gap Evaluation and Subsurface Investigation Work Plan* (WP) prepared by P&D Environmental, Inc. (P&D), dated June 30, 2014, for the subject site (Site) in light of the implementation of the State Water Resources Control Board's (SWRCBs) Low Threat Underground Storage Tank Case Closure Policy (LTCP). Background and history of the site was discussed as an introduction to the meeting, including informing ACEH that the building was constructed in 1915 and was the location of the automobile service area for the first automobile dealer in Oakland. Also discussed was that no underground storage tanks (USTs) are known to have occupied the interior of the structure.

In the WP, P&D proposes advancing up to six borings, all but one of which are for the recovery of grab groundwater samples for the identification of a potential groundwater contaminant plume associated with the unauthorized release at the Site. The remaining one boring, located adjacent to the UST, is proposed for the recovery of soil samples to address the LTCP Direct Contact and Outdoor Air media specific criteria. Additionally the WP proposes installation and sampling of two permanent soil gas probes. Four of the soil borings and one soil gas probe locations are shown on Figure 3 of the WP.

Based on ACEH staff review of the referenced document, ACEH generally agreed with the scope and the thoroughness of the WP and that the modifications requested in the technical comments below are addressed and incorporated during the field implementation. Submittal of a revised Work Plan not required unless an alternate scope of work outside that described in the WP and technical comments below is proposed.

### Technical Comments

ACEH expressed concern that the boring location depicted as B-2 is positioned too close to the former UST locations for the Hagstrom Property to provide meaningful information for Site plume delineation. ACEH requests the repositioning of the B-2 location to the east near in the center of 30<sup>th</sup> Street, farther away from the Hagstrom Property USTs. ACEH's presents an alternate location of the B-2 is shown on the attached figure.

ACEH is of the opinion the soil gas portion of the investigation is premature and requests the recovery of a grab groundwater sample from the B-4 boring in lieu of installing the soil gas probes. The appropriateness of the soil gas portion of the investigation may be reconsidered upon the presentation and review of the boring B-4 soil and groundwater analysis data. Should permitting become an issue for the sidewalk placement of boring B-4, please determine an alternate location to the south of the tank in the vicinity of the gutter along 30<sup>th</sup> Street. The location of an alternate B-4 location is shown on the attached figure.

As the UST may have been waste oil tank, ACEH requests that sufficient volume of water be recovered from the borings and stored in the appropriate sample containers for semi-volatile organic compounds (SVOCs) analysis by EPA test method 8270. Please analyze the water samples for SVOCs should the EPA 8270 analysis for the soil samples report detectable concentrations of SVOCs.

## Technical Report Request

Please email a draft summary report presenting the data collected from the soil and groundwater investigation to the attention of Keith Nowell ([keith.nowell@acgov.org](mailto:keith.nowell@acgov.org)), cc'ing Dilan Roe ([dilan.roe@acgov.org](mailto:dilan.roe@acgov.org)), in accordance with the following schedule:

- **October 15, 2014- Draft Soil and Groundwater Investigation**

ACEH will review the report and discuss of the next appropriate course of action. We look forward to working with you and your consultant on moving this case forward.

Thank you for your cooperation. Should you have any questions regarding this correspondence or your case, please call me at (510) 567-6764 or send an electronic mail message at [keith.nowell@acgov.org](mailto:keith.nowell@acgov.org).

Keith Nowell

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PDF copies of case files can be reviewed/downloaded at:

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



**LEGEND**

- Subject Site Property Boundary
- Proposed Borehole Location
- Proposed Soil Gas Well Location

**Figure 3**  
 Site Map Aerial Photograph Showing Proposed Borehole and Soil Gas Well Locations  
 260 30th Street  
 Oakland, California

Base Map From:  
 Google Earth, Image dated October 2011

P&D Environmental, Inc.  
 55 Santa Clara Avenue  
 Oakland, CA 94610

