

## Nowell, Keith, Env. Health

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**From:** Nowell, Keith, Env. Health  
**Sent:** Wednesday, May 28, 2014 1:56 PM  
**To:** TimBishop@chevron.com  
**Cc:** marvin.katz@shell.com; Katherine.Brandt@arcadis-us.com; 'Schaefer, Peter'; Roe, Dilan, Env. Health  
**Subject:** Fuel Leak Cases RO450 - UNOCAL #0843, 1629 Webster St., and RO2745 - SHELL # 13-503 1601 Webster St., Alameda

Dear Mr. Bishop,

Alameda County Environmental Health (ACEH) staff has reviewed the case file including the work plan entitled *Implementation Plan for CPT investigation*, dated March 31, 2014, prepared by ARCADIS U.S., Inc. for the subject site. The work plan proposes to perform a groundwater investigation of the intermediate and deep groundwater zones for the delineation of the comingled Shell - Unocal off-site methyl tertiary butyl ether (MTBE) plume. The work plan proposes to perform the groundwater investigation in two phases with four CPTs proposed for the first phase. As a contingency a second phase proposes two farther down gradient CPT borings should the first phase not define the plume. ACEH generally concurs with the proposed scope of work and requests that you that you address the following technical comments, perform the proposed work, and send us the technical report described below.

### Technical Comments

- Should the results of first phase indicate that the second phase of the investigation will be implemented, please provide ACEH (Attention: Keith Nowell) with a draft interim sampling analytical report. Based on the findings of the first phase please indicate if alternative locations to the two proposed borings for the second phase will be performed. An addendum work plan may be required if the second phase of work differs significantly from the scope outlined in the work plan. Please add total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, xylenes (BTEX), and tertiary butyl alcohol (TBA) to the scope of analytes for the CPT samples.
- A nearby domestic water well has previously been identified down– to cross gradient across Pacific Avenue. Please establish the status of the well, and if in service, recover a water sample from the well. Analyze the water sample for TPHg, BTEX, MTBE, and TBA.

### Technical Report Request

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

- **July 28, 2014– Groundwater Investigation** (file name: RO0000450\_SWI\_R\_yyyy-mm-dd)

Thank you for your cooperation. ACEH looks forward to working with you and your consultants to advance the case toward closure. 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).

Respectfully,  
Keith Nowell

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

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