

Mr. Keith Nowell  
Alameda County Health Care Services Agency  
Environmental Health Services  
Environmental Protection  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

Arcadis U.S., Inc.  
2999 Oak Road  
Suite 300  
Walnut Creek  
CA 94597  
Tel 408-797-2013  
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Subject:  
**Request for Reduction from Quarterly to Semi-Annual Sampling  
Unocal #5781  
3535 Pierson Street  
Oakland, California  
Alameda County LOP Case #RO0000253  
RWQCB Case #01-1592**

[www.arcadis.com](http://www.arcadis.com)

Dear Mr. Nowell:

Date:  
March 22, 2017

On January 15<sup>th</sup>, 2017, Arcadis submitted the *Quarterly Status Report - Fourth Quarter 2016* for the above-referenced site. In this report, a reduction from quarterly to semi-annual groundwater monitoring and reporting was requested. However, a response from Alameda County Department of Environmental Health (ACDEH) has not been received to date. Therefore, we are inquiring if ACDEH has had the opportunity to review this request. Unless directed otherwise, we plan to implement this change beginning with the next event.

Contact:  
Tamera Rogers

Phone:  
408.797.2013

Email:  
[Tamera.Rogers@arcadis.com](mailto:Tamera.Rogers@arcadis.com)

In addition, we believe this site is a suitable candidate for the use of no-purge sampling methods during future groundwater sampling events. This site continually has a gradient greater than 0.001 ft/ft, indicating that water is flowing through the well screens. Additionally, with the exception of one event at MW-5 in October 2012 free product has not been detected at the site. The site is sampled for total petroleum hydrocarbons as diesel (TPH-d), which can be problematic for no-purge sampling based on groundwater volume requirements to run the analysis. However, we propose using 2-liter Hydrasleeves™ to collect volume sufficient for TPH-d analysis. We have implemented no-purge sampling on other sites and have not seen any appreciable difference in the data obtained.

Our ref:  
B0035135.1640

Please let us know if ACDEH concurs with these requests. If you have any questions feel free to contact me, Tamera Rogers, by phone (408-797-2013) or by email ([Tamera.rogers@arcadis.com](mailto:Tamera.rogers@arcadis.com)) at any time. We appreciate your assistance on this project.

Sincerely,

Arcadis U.S., Inc.

A handwritten signature in black ink, appearing to read 'Tamera Rogers', with a long horizontal flourish extending to the right.

Tamera Rogers  
Project Manager