



ALAMEDA COUNTY
HEALTH CARE SERVICES AGENCY
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 1131 Harbor Bay Parkway, Suite 250
 Alameda, CA 94502-6577

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Mr. Hamid Khatirine
 c/o Mr. Michael D. Liberty
 3713 Century Drive

94502 654931
 Campbell, CA 95008-3832

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ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
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July 5, 2016

Mr. Farrokh Hosseinvoun
(Sent via E-mail to: farok@fhone.net)

Mr. Mohammad Pazdel
1770 Pistacia Court
Fairfield, CA 94533

Mr. Hamid Khatirine
c/o Mr. Michael D. Liberty
3713 Century Drive
Campbell, CA 95008-3832

Subject: Conditional Work Plan Approval, Request for System Evaluation, and Work Plan; Fuel Leak Case No. RO0000473 and GeoTracker Global ID T0600191157, ARCO, 15101 Freedom Avenue, San Leandro, CA 94578

Dear Messrs. Hosseinvoun, Pazdel, and Khatirine:

Alameda County Environmental Health (ACDEH) staff has reviewed the case file including the *Workplan to Install a Boring for Shallow Soil Sample Collection*, dated May 16, 2016, and the *Second Quarter 2016 Groundwater Monitoring and Remediation Progress Report*, dated June 30, 2016. The reports were prepared and submitted on your behalf by SOMA Environmental Engineering, Inc. Thank you for submitting the reports.

Based on ACDEH staff review of the referenced documents and of the case file we generally concur with the recently proposed scope of work, provided that the modifications requested in the technical comments below are addressed and incorporated during the field implementation. 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 technical comments below is proposed. We request that you address the following technical comments, submit the requested document, and upon ACDEH approval, perform the proposed work, and send us the technical reports requested below. Please provide 72-hour advance written notification to this office (e-mail preferred to: mark.detterman@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

1. **Work Plan Modifications** – The referenced work plan proposes a series of actions with which ACDEH is in general agreement of undertaking as associated costs appear to be relatively limited; however, ACDEH requests several modifications to the approach. Please submit a report by the date specified below.
 - a. **Collection of Shallow Soil Samples for Direct Contact Criteria** – Thank you for pointing out shallow soil samples collected offsite at the adjacent residence at a depth of three and six feet below grade surface (bgs); they had been overlooked in part due to their placement in the data table. In regards to the proposed soil bore, provided the bore is placed very close to documented indications of hydrocarbon contamination in soil adjacent to the property boundary (see for example the bore log for onsite well MW-4D), or is placed onsite immediately adjacent to the same well, the proposed bore location appears reasonable. Additionally, to quickly address onsite direct contact concerns it also appears appropriate to install a second soil bore adjacent to well MW-3 whose bore log contained indications of potentially elevated hydrocarbon contamination in shallow soil between 1.5 and 2.5 feet bgs.