

From: Roe, Dilan, Env. Health
To: "Mansour Sepehr"; mirazimshakoori@yahoo.com
Cc: mirazimshakoori@yahoo.com
Subject: RE: Fuel Leak Case No. R00000346 and GeoTracker Global ID T0600100920
Date: Thursday, January 03, 2013 5:12:00 PM

Dear Mansour:

Per our discussion today, please submit a **Draft Corrective Action Plan (Draft CAP)** to Alameda County Environmental Health (ACEH) by **January 31, 2013**. The Draft CAP should meet the provisions of section 2725 of the UST regulations (CCR, Title 23, Chapter 16, section 2600, et seq.) and be prepared as a companion document to the *Observation Wells, Installation, Pilot Testing and Feasibility Study Report (FS)* dated September 22, 2011 prepared by SOMA for the subject site. The Draft CAP should provide remedial design and implementation details for the recommended remedial alternative (source excavation with ORC application in the excavated area to address remaining petroleum hydrocarbon impacts to groundwater) presented in the FS. Please include an implementation schedule and detailed cost estimate for the proposed work, including confirmation sampling and monitoring during implementation, and post-remediation monitoring. Additionally, please provide break out costs for the ORC application and a cost-benefit analysis to support implementation of this phase of work.

Please upload the work plan to the Alameda County Environmental Health FTP server and the State Water Resources Control Board GeoTracker website in accordance with the following naming convention (CAP_R_YYYY-mm-dd).

Public participation is a requirement for the Corrective Action Plan process. Upon ACEH approval of a Draft CAP, the Responsible Party will be required to notify potentially affected stakeholders who live or own property in the area surrounding of the proposed remediation described in the Draft CAP, through the mailing of a fact sheet. Please send us a copy of the **Fact Sheet** for review by **February 28, 2013**.

Regards,

Dilan Roe, P.E.

Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
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PDF copies of case files can be reviewed/downloaded at:

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

From: Mansour Sepehr [mailto:msepehr@somaenv.com]
Sent: Friday, October 26, 2012 8:56 AM
To: mirazimshakoori@yahoo.com
Cc: Roe, Dilan, Env. Health
Subject: FW: Fuel Leak Case No. RO0000346 and GeoTracker Global ID T0600100920

Good Morning Mr. Shakoori:

Please review the directive that we received from Mrs. Dilan Roe of Alameda County. We are planning to send The County a workplan detailing the procedure and areas that need to be excavated as Mrs. Roe requested. Please call me if you have any concerns regarding the County's request. Thank you for your patience and opportunity that you have given us in assisting you on this project.

Best Regards

Mansour Sepehr, Ph.D., PE
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From: Roe, Dilan, Env. Health [mailto:Dilan.Roe@acgov.org]
Sent: Thursday, October 25, 2012 4:33 PM
To: Mansour Sepehr
Subject: Fuel Leak Case No. RO0000346 and GeoTracker Global ID T0600100920

Dear Mansour:

Alameda County Environmental Health(ACEH) staff has reviewed the following documents prepared by SOMA Environmental Engineering, Inc. (SOMA) on behalf of Mr. Mirazim Shakoori, for the property located at 3519 Castro Valley Boulevard, Castro Valley, California:

- *First Semi-Annual 2012 Groundwater Monitoring Report*, dated February 22, 2012
- *Observation Wells Installation, Pilot Testing and Feasibility Study Report*, dated September 22, 2011

ACEH evaluated the data and recommendations presented in the above-mentioned reports in conjunction with information contained in the case files and the State Water Resources Control Board's Low Threat Closure Policy criteria. Based on our review ACEH generally concurs with SOMA's recommendations to:

- 1) Conduct a soil gas study adjacent to the southern property boundary to the west and east of the station building. This study will be conducted to establish whether vapor intrusion is

a complete exposure pathway.

- 2) Conduct excavation of petroleum impacted soil in the smear zone and upper portion of the saturated zone in three areas in the vicinity of the former underground storage tank pit and dispenser islands. In order to address any post-excavation residual hydrocarbon impact to groundwater beneath the site, SOMA proposes to apply an oxygen releasing compound (ORC) in the excavation pits prior to backfilling the pit.

This email serves as notification that ACEH generally concurs with the SOMA's recommendations and authorization to prepare a Work Plan detailing the proposed soil gas study and the excavation design and implementation activities. Please include a schedule and detailed cost estimate for each of the proposed activities. Please break out costs for the ORC application and provide a cost-benefit analysis to support implementation of this phase of work.

Please forward this email correspondence to Mr. Shakoori and copy me in the transmittal. I will finalize these comments in a formal directive letter to Mr. Shakoori in the upcoming weeks.

Regards,

Dilan Roe, P.E.

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