

Wickham, Jerry, Env. Health

From: John Love [love@geoconinc.com]
Sent: Tuesday, June 16, 2009 3:20 PM
To: Wickham, Jerry, Env. Health
Subject: Fuel Leak Case RO0003000, Caltrans I-580 EB Shoulder
Attachments: UST Locations I580 Shoulder.pdf

Dear Mr. Wickham:

I submitted an *UST Removal Report* for the above referenced site last month. Your directive letter dated May 7, 2009, and the *UST Removal Report* (dated May 7, 2009) apparently crossed paths in the mail so you did not have time to review the contents of the report before you issued your directive. Your directive states that we need to submit a workplan to assess groundwater quality conditions in the area of and hydraulically down gradient of the former UST area.

Due to this site's location (underneath EB I-580), the reported groundwater flow direction, as well as other observations noted in the UST Removal Report, I recommended that the ACHCSA consider this case for closure unless the ACHCSA or Zone 7 feels this site poses an unacceptable threat to drinking water. I've attached a couple of aerial photos I got off of Google Earth that shows the location of the former USTs relative to I-580 (there are other photographs in the report that show the area as well) so you may better visualize where this site is located relative to I-580 and the surrounding area. The UST excavation is now located under the number 5 lane of I-580 (the no. 5 lane does not yet appear on the attached aerial photos) which is obviously inaccessible unless lane closures are conducted and we drill through the roadway. Additionally, it is at least 240 feet to the first accessible location in the down gradient groundwater flow direction from the former tanks (see the second photograph attached).

I don't know if any of these circumstances were known prior to the issuance of your directive; however before I prepare a workplan to investigate this further I wanted to find out from you whether it was really necessary to move forward with an investigation of this site or if the information presented in the *UST Removal Report* would suffice towards closing this case. If further investigation is warranted I would like to discuss what scope of work would suffice towards meeting the ACHCSA's requirements for additional information.

I can be reached in the office at (925) 371-5900 or on my cell at (925) 525-4142.

Sincerely,

John Love
Sr. Project Geologist

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