

## Wickham, Jerry, Env. Health

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**From:** Wickham, Jerry, Env. Health  
**Sent:** Friday, August 24, 2007 2:01 PM  
**To:** Karel Detterman  
**Subject:** RE: Fuel Leak Case # RO 0096, Eagle Gas, 4301 San Leandro Street, Oakland, CA, Status Update, Clearwater Project # ZP046D

Karel,

With regard to the items in your email message below:

- 1) The proposed schedule for submittal of a Soil and Groundwater Investigation Report by November 30, 2007 is acceptable.
- 2) The proposed alternate location for SB-13 is acceptable. The alternate location for SB-12 largely duplicates boring SB-22. Therefore, please keep the original location for SB-12 although the boring may not extend to the planned depth due to the layer encountered at 40 to 45 feet bgs.
- 3) The proposed schedule for submittal of an Interim Remediation Report by November 30, 2007 is acceptable.
- 4) Re-location of well MW-1D is acceptable.

Regards,

*Jerry Wickham*

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**From:** Karel Detterman [mailto:KDetterman@clearwatergroup.com]

**Sent:** Thursday, August 23, 2007 5:05 PM

**To:** Wickham, Jerry, Env. Health

**Cc:** Hermy Tam; Sandy Young; Sharon Hardin; Olivia Jacobs

**Subject:** Fuel Leak Case # RO 0096, Eagle Gas, 4301 San Leandro Street, Oakland, CA, Status Update, Clearwater Project # ZP046D

Hi Jerry:

*Status of off-site adjacent property soil borings:*

1. Clearwater is pleased to inform you that we received both signed access agreements on August 14 and 15, 2007, respectively for soil borings SB-12, SB-13, SB-14, SB-15, and SB-17 to be located on the adjacent properties to Eagle Gas. These access agreements will allow us to complete the off-site soil-boring program which we started in June with the completion of the off-site soil borings on High Street and San Leandro Street, SB-9, SB-10A, SB-10B, SB-11, SB-16, SB-18, SB-19, SB-20, SB-21, and SB-22. As per your May 8, 2007 e-mail, attached is a revised schedule for the Site Investigation Report.
2. The City of Oakland Traffic Plan's requirement to provide a minimum five-foot wide pedestrian walkway on the sidewalk required Clearwater to use a limited access track-mounted direct push rig for SB-16, SB-18, and SB-19. Unfortunately, the track-mounted rig lacked the weight to penetrate a hard silty/clayey gravel layer encountered approximately 40 to 45 feet below

grade. The weight provided by a truck-mounted direct -push rig was crucial in enabling direct push soil borings SB-10B, SB-11, SB-20, and SB-22 to reach depths of greater than 50 feet. SB-13 is located in an interior room of Creative Iron, at 926 High Street and not at the rear of Costco Smog Check, as previously thought (please see attached revised Figure 6). We are concerned that we may not be able to achieve drill depths of greater than 50 feet using limited access direct-push equipment for SB-12, in an interior courtyard of the Vulcan Lofts and SB-13. Clearwater proposes the alternate soil boring locations, shown on Figure 6, which would be accessible to a truck-mounted direct push rig. Please let us know how to proceed on this matter.

*Request for Interim Remediation Report extension:*

Clearwater requests an extension for the submittal of the Interim Remediation Report to November 30, 2007. The lowest groundwater levels of the year typically experienced during the fall months will be the most beneficial time to conduct the HVDPE test, exposing the maximum area of screen to the vacuum. The test has been scheduled for the first half of October; attached is a revised schedule for the Interim Remediation Report.

*Proposed re-location of new monitoring well MW-1D:*

Clearwater proposes to place on-site deep monitoring well MW-1D within three feet of and to the northeast of MW-1, to situate the well closer to MW-1. Attached is revised Figure 3.

Should you have any questions or comments regarding this request, please e-mail or call me at the numbers below.

Thank you,

Karel Detterman, P.G.  
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