

RO96

Wickham, Jerry, Env. Health

From: Karel Detterman [KDetterman@clearwatergroup.com]
Sent: Tuesday, October 02, 2007 5:11 PM
To: Wickham, Jerry, Env. Health
Cc: Hermy Tam; Sandy Young; Gavin Fisco; Olivia Jacobs
Subject: RE: Fuel Leak Case # RO 0096, Eagle Gas, 4301 San Leandro Street, Oakland, CA, Clearwater Project # ZP046D

Hi Jerry:

The December 2006 Work Plan calls for new monitoring wells MW-1D and MW-D to each have a screen interval of five-feet and before the wells are installed on Thursday, October 4, I wanted to verify the depth of the screen interval.

Last Thursday, Sept. 27, at 5 AM, we ran CPT on the two soil borings, SB-1D and SB-7D; please see the attached CPT logs.

In CPT-1D, the CPT indicated sand & gravel intervals between approximately 33'-44', intermittent between 44' and 50', then 50' to 58'. In the bore for SB-7D, the CPT indicated sand & gravel intervals nearly continuously between 31'-56'.

Wells MW-4D is screened 33' - 45' in a silty clay w/ sand and a clayey sand and MW-5D is screened 33' - 45' in alternating sand & silty clay layers. If we were to make both new wells screened 35' - 40', then both new wells would probably be screened in the same water-bearing zone as existing wells MW-4D and MW-5D; alternately, we could screen both of the new wells between 35' to 45'.

How should we proceed?

Thank you,

Karel Detterman, P.G.
Clearwater Group
229 Tewksbury Avenue
Point Richmond, CA 94801
(510) 307-9943 Ext. 228
Fax (510) 232-2823

10/3/2007

R096

Wickham, Jerry, Env. Health

To: Karel Detterman**Subject:** RE: Fuel Leak Case # RO 0096, Eagle Gas, 4301 San Leandro Street, Oakland, CA, Clearwater Project # ZP046D

Karel,

I reviewed your CPT logs and previous soil data and cross sections. It appears that a screen interval from 35 to 45 feet bgs would provide some advantage. Therefore, a filter pack from 33 to 45 feet with 10 feet of screen from 35 to 45 feet bgs is my recommendation. If you have questions, give me a call.

Regards,

Jerry Wickham

Alameda County Environmental Health

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jerry.wickham@acgov.org

From: Karel Detterman [mailto:KDetterman@clearwatergroup.com]**Sent:** Tuesday, October 02, 2007 5:11 PM**To:** Wickham, Jerry, Env. Health**Cc:** Herry Tam; Sandy Young; Gavin Fisco; Olivia Jacobs**Subject:** RE: Fuel Leak Case # RO 0096, Eagle Gas, 4301 San Leandro Street, Oakland, CA, Clearwater Project # ZP046D

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