

EXHIBIT C

January 20, 2012, Regional Water Board Communication

Ralph Lambert - RE: Revised Work Summary, case 07S0183

From: Jan Schutze <js@schutze-inc.com>
To: 'Ralph Lambert' <ralambert@waterboards.ca.gov>
Date: 1/20/2012 11:51 AM
Subject: RE: Revised Work Summary, case 07S0183
CC: mari <mari@schutze-inc.com>
Attachments: WP Figure 1-Mayhew only (January 2012).pdf

Hi Ralph,

I have edited the map to show 3 wells (attached).

I believe we have to ignore if the wells will be in the excavation area. I think that they have to be in the court-determined Source Area I.

I discussed the wells with the Contra Costa Inspector (Ed Diaz) and he would require additional permit applications and reviews if the cement portion of the annular seal is less than 10 ft. It would be less if we use a 10 ft screened interval. Therefore, I went back to 5 ft.

Thanks,

Jan

From: Ralph Lambert [mailto:ralambert@waterboards.ca.gov]
Sent: Friday, January 20, 2012 10:58 AM
To: Jan Schutze
Subject: Revised Work Summary, case 07S0183

The revisions in the text look good. However, here are a few comments and questions:

- 1) On your 5th bullet you propose three wells "as shown on previously prepared map" but the map only shows two wells "MW-1A (and MW-1B if required)"
- 2) Do you want the proposed wells in the area you expect to excavate, or just out-side of it? Or maybe the B & C wells outside of the expected excavation (I don't know what is best).
- 3) We also discussed the possibility of a longer screen in the A well if you want to test-extract vadose zone vapors. If you just plan to excavate then it may not make sense. I leave it up to you.

Ralph Lambert, PG, CHg
 SF Bay Regional Water Quality Control Board
 1515 Clay St., Suite 1500
 Oakland, CA 94612

(510) 622-2382

ralambert@waterboards.ca.gov >>> Jan Schutze <js@schutze-inc.com> 1/20/2012 9:59 AM >>>

SF Bay Regional Water Quality Control Board
1515 Clay St., Suite 1500
Oakland, CA 94612
Att.: Mr. Ralph Lambert PG CHP

**Re: Case: 07S0183
Mayhew Center and Walnut Creek Manor
Follow-up Work at Source Area 1 (Rev. 1)**

Dear Mr. Lambert

On January 13, 2012, we completed one MIP boring directly in the area described as Source Area 1. The purpose of the boring was to generate data to guide the follow-up tasks, which are 14 Geoprobe borings, and monitoring wells (the number of which have to be determined). Based on the Membrane Interface Probe (MIP) results (see attachment), the following information was generated:

- The MIP boring was advanced to 78 ft bgs, at which depth drill refusal was encountered.
- Based on the Electric Conductivity (EC) data, three horizons with coarse sediments were encountered, at approximately 14 - 18, 35 - 38 and 57 - 68 ft bgs. These intervals likely correspond with groundwater horizons A, B and C, respectively.
- Based on the Electron Capture Detector (ECD) data, **chlorinated solvents** were detected in the three horizons. In addition, the Flame Ionization Detector (FID) indicated the presence of **possibly** hydrocarbon contamination in the C-horizon.

Based on these results, SCHUTZE & Associates, Inc. recommends the following:
Regarding the Proposal dated December 22, 2011:

- Advancement of the 14 proposed Geoprobe borings just into the silt/clay layer directly below the A-horizon (approximately 22 ft bgs). **Locations as shown on previously prepared map (attached). This work is scheduled for Jan. 26/27.**
- Drilling and installation of 3 side-by-side monitoring wells, with screened intervals at approximately 15 - 20, 35 - 40 and 60 - 65 ft bgs. **Locations as shown on previously prepared map (attached). This work is scheduled for Jan. 26/27.**

Regarding subsequent work on the Walnut Creek Manor site:

(This work is not scheduled yet and a brief proposal is being prepared)

- Drill one MIP on the Walnut Creek Manor site **at the previously shown location** to further explore contamination in the A, B and C horizons.
- Based on the MIP results, drill a Geoprobe boring grid and install monitoring wells **at the previously shown locations**.
- Drill additional MIP borings **(Locations to be determined based on results of work to be completed).**

Regarding subsequent work on the Mayhew Center site:

(This work is not scheduled yet and a brief proposal is being prepared)

- Explore the extent of the Source Area 1 groundwater plume to the north **as per previously approved workplan.**

The work recommended is in accordance with the dynamic Work Plan dated March 14, 2011. Therefore, it is the opinion of SCHUTZE & Associates, Inc. that amendments to the Workplan are not required.

With regards,
Jan Schutze

CC: Burnham Brown

Att.: Eric R. Haas, Esq.

