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By Alameda County Environmental Health 3:51 pm, Nov 01, 2016

With respect to:

**Technical Report Request – MISC\_SAMP\_R RO0196**

Fuel Leak Case No. RO0000196

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Tommy Chiu  
Mr. Tommy Chiu

10-31-16  
Date



October 27, 2016

Reference No. 581000

Ms. Kit Soo  
Alameda County Department of Environmental Health  
1131 Harbor Bay Pkwy  
Alameda, California  
94502

Dear Ms. Soo:

**Re: Technical Report Request – MISC\_SAMP\_R RO0196  
Chiu Property  
800 Franklin Street, Oakland, California 94604  
Agency Case No. RO0000196**

On behalf of Mr. Tommy Chiu, GHD Services Inc. (GHD) is submitting the attached Figures 1 through 7 and Table 1 which collectively show all borings/monitoring wells, excavation base and wall samples for the remaining petroleum hydrocarbon mass in soil at the site. Figure 1 is a Site vicinity map. Figure 2 presents all historical investigation borings, wells, and excavation sample locations. The remaining figures show the remaining Total Petroleum Hydrocarbons as gasoline (TPHg) and benzene mass in soil. Table 1 presents all investigation and excavation soil analytical results. Excavation samples T1 through T4, W1, W2A, S1, and S2 were removed during over-excavation activities of the UST pits.

The closest BART sump to the site is located southwest of the site at the southeast corner of Broadway and 7<sup>th</sup> Street (see Figure 2 and BART drawing SEI-1). Based on the lack of historical petroleum hydrocarbon and volatile organic compound (VOC) analytical detections in well MW-5 (Table 2 and 3), sampling of the BART sump does not appear to be warranted. According to BART personnel, a sump is also located on 9<sup>th</sup> Street between Webster and Harrison Street, which is upgradient to the site.

If you have any questions or comments regarding the attached figures, table, or information provided by BART, please call me at 510-420-3369.



Sincerely,

Bryan A. Fong

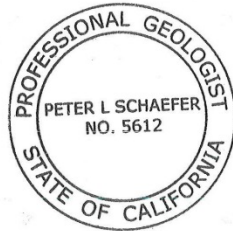
GHD

A handwritten signature in black ink that reads "Bryan A. Fong".

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Project Manager

A handwritten signature in black ink that reads "Peter Schaefer".



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Peter Schaefer, PG

BAF/fb/1

Encl.

Figure 1 – Vicinity Map

Figure 2 – Site Plan

Figure 3 – Soil Analytical Summary Map

Figure 4 – TPHg in Soil Isoconcentration Map (15-26 ft bgs)

Figure 5 – Benzene in Soil Isoconcentration Map (15-26 ft bgs)

Figure 6 – Hydrogeologic Cross Section A-A'

Figure 7 – Hydrogeologic Cross Section B-B'



Table 1 – Soil Analytical Data

Table 2 – Groundwater Analytical and Elevation Data: TPHg, BTEX, MTBE, and 1,2-DCA

Table 3 – Groundwater Analytical Data: VOCs

Table 4 - Soil Vapor Analytical Data

Attachment A BART Drawing SE1-1

cc: Tommy Chiu