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ALAMEDA COUNTY  
**HEALTH CARE SERVICES**



AGENCY  
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

January 23, 2007

Thomas O. Gillis  
1153 Copper Verde Lane  
Modesto, CA 95355

Clarence & Virginia Gasper  
PO Box 245160  
Sacramento, CA 95824-5160

**Alameda County**

JAN 31 2007

**Environmental Health**

Dear Mr. Gillis, Mr. & Mrs. Gasper:

Subject: Fuel Leak Case No. ROOOO041, Mandela Trucking,  
1225 Mandela Parkway, Oakland, CA

Alameda County Environmental Health (ACEH) staff has reviewed "Product Line Removal and Additional Site Characterization" dated July 31, 2006, prepared by Golden Gate Tank Removal, Inc. (GGTR). Additional soil samples (SB-1 to SB-4) by the dispenser island, former gasoline/diesel underground storage tank (UST) and former waste oil UST pits, soil samples (P-1 - P-6) along the product line, and hydropunch groundwater samples (HB-1 - HB-3) at locations upgradient and downgradient of the dispenser island and the former gasoline/diesel UST pit, were collected. We request that you address the following comments and send us the reports requested below.

TECHNICAL COMMENTS

- 1) Source characterization - Up to 13,000 mg/kg TPH-D and 7,100 mg/kg TPH-G were detected beneath the dispensers in soil samples SB-2, P-1, and P-3. Therefore, the soil by the dispensers have not been vertically nor laterally delineated. We concur with GGTR's recommendation to place additional borings around SB-2 for delineation followed by the excavation of impacted soil and the extraction of impacted groundwater. Please submit a Work Plan, which will include source and site characterization, followed by remediation.
- 2) Site Characterization - Up to 190,000 ug/l TPH-D and 1,100 ug/l TPH-G were detected beneath the dispensers in groundwater sample SB-2-W. Thus, the plume has not been defined vertically and laterally. We concur with GGTR's recommendation for delineation. See above. Please submit a Work Plan, which will include source and site characterization, followed by remediation.

- 3) Preferential Pathway Survey – We request that you perform a preferential pathway study that details the potential migration pathways and potential conduits (wells, utilities, pipelines, etc.) for horizontal and vertical migration that may be present in the vicinity of the site.
  - a) Utility Survey - Please submit map(s) and cross-sections showing the location and depth of all utility lines and trenches (including sewers, storm drains, pipelines, trench backfill, etc.) within and near the site and plume area(s). Evaluate the probability of the contaminant plumes encountering preferential pathways and conduits that could spread the contamination, particularly in the vertical direction to deeper water aquifers. Please submit with the Work Plan requested below.
  - b) Well Survey – Locate wells within a quarter mile radius of the site. Show the location of the wells and the site on a map and tabulate well construction details for each well. Please submit with the Work Plan requested below.
  
- 4) Historical Hydraulic Gradients – Please show using a rose diagram with magnitude and direction; include cumulative groundwater gradients in all future reports submitted for this site. Please submit with the Work Plan requested below.

#### TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Don Hwang), according to the following schedule:

- March 23, 2007 - Work Plan

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 -through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

#### PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "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." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

If you have any questions, please call me at (510) 567-6746.



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**HEALTH CARE SERVICES AGENCY**  
 Department Of Environmental Health  
 Environmental Protection Division  
 1131 Harbor Bay Parkway  
 Alameda, CA 94502-6577

35524+5160-60 8002

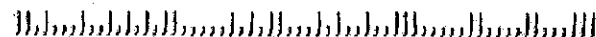
Clarence & Virginia Glasper  
 P O Box 245160  
 Sacramento, CA 95824-5160

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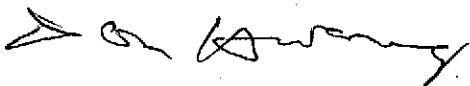
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BC: 94502654031 \*2472-05577-28-26

94502@6540



Sincerely,

A handwritten signature in black ink, appearing to read "Don Hwang". The signature is written in a cursive style with a large initial "D" and "H".

Don Hwang  
Hazardous Materials Specialist  
Local Oversight Program

c: Brent A. Wheeler, Golden Gate Tank Removal, Inc., 255 Shipley Street,  
San Francisco, Ca. 94107  
Donna Drogos  
File