

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



20747

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

StId 318/lop

January 13, 1997

Attn: David Goodearl  
Geo M. Martin Company  
1250 - 67th St  
Emeryville CA 94608

**Subject: Workplan for investigations at 1308 - 67th St., Emeryville CA 94608**

Dear Mr. Goodearl:

This office has reviewed Aqua Science Engineers, Inc.'s (ASE) workplan, dated January 6, 1997. In order to assess the severity and extent of diesel contamination to soil and groundwater at the subject site, the workplan proposes to install three borings and collect soil and groundwater samples in the vicinity of the former 700-gallon diesel underground storage tank (UST) pit. This work plan is acceptable to this office. Thank you for your thoroughness and prompt attention to this matter.

We understand you intend to complete the field work for this project on January 20, 1997. Please submit a report describing the field work activities, results, and recommendations no later than March 7, 1997. If you have questions, please call me at (510)567-6755.

Sincerely,

Amy Leech  
Hazardous Materials Specialist

c: Attn: Scott Ferriman,  
Aqua Science Engineers, Inc., 2411 Old Crow Canyon Rd., Suite 4, San Ramon CA 94583  
ALL-file

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

RO# 747

StId 318

November 5, 1996

Attn: David Goodearl  
Geo M. Martin Company  
1250 - 67th St  
Emeryville CA 94608

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

Subject: Required Investigations at 1308 - 67th St., Emeryville CA 94608

Dear Mr. Goodearl:

This office has completed a review of Aqua Science Engineers Inc.'s *Underground Storage Tank Removal Report*, dated October 21, 1996, for the subject site. This report documents tank closure and soil excavation activities.

On September 20, 1996, one 700-gallon diesel underground storage tank (UST) was removed from the subject site. Laboratory analyses of the soil sample collected at the bottom of the UST pit at five feet below ground surface (bgs) identified contaminant levels as high as 3,400 parts per million (ppm) Total Petroleum Hydrocarbons as diesel (TPH-D), 6.0 ppm ethylbenzene, and 44 ppm xylenes. Approximately 7.5 tons of contaminated soil was excavated from the tank pit; however, confirmatory soil samples were not collected to verify the lateral extent of soil contamination. Overexcavation reportedly did not occur vertically beneath the former UST (past 5 feet bgs) due to structural limitations.

Guidelines established by the California Regional Water Quality Control Board (RWQCB) require that soil and ground water investigations be conducted when there is evidence to indicate that a release from an UST will impact or may have impacted the groundwater. Therefore, you are required to conduct a **Soil and Water Investigation (SWI)** to determine the lateral and vertical extent and severity of **both soil and groundwater** contamination resulting from the release at the site. The information gathered by the SWI will be used to determine an appropriate course of action (Corrective Action Plan) to remediate the site, if deemed necessary. The SWI must be conducted in accordance with the RWQCB's Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks, and be consistent with requirements set forth in Article 11 of Title 23, California Code of Regulations. The major elements of such an investigation are summarized in the attached **Appendix A**. In addition, the San Francisco Bay RWQCB's *Interim Guidance on Required Cleanup at Low-Risk Fuel Sites* (copy attached) and the ASTM E1739-95 document entitled *Standard Guide for Risk-Based Corrective Action (RBCA) Applied at Petroleum Release Sites* should be used to evaluate this site.

This Department will oversee the assessment and remediation of your site. Our oversight will include the review of and comment on work proposals and technical guidance on appropriate investigative approaches and monitoring schedules. The issuance of well drilling permits, however, will be through the Alameda County Flood Control and Water Conservation District, Zone 7, in Pleasanton. The RWQCB may choose to take over as lead agency if it is determined that there has been a substantial impact to ground water.

Goodearl  
Re: 1250 - 67th St.  
November 5, 1996  
Page 2 of 2

In order to properly conduct a site investigation, you are required to obtain professional services of a reputable environmental consultant. **All reports and proposals must be submitted under seal of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer.**

**The SWI proposal (work plan) is due within 60 days of the date of this letter or by January 7, 1997.** Once the proposal is approved, field work should commence within 30 days. A report must be submitted within 45 days after the completion of this phase of work at the site.

Please be advised that this is a formal request for a work plan pursuant to **Section 2722 (c)(d) of Title 23 California Code of Regulations.** Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by either this agency or RWQCB.

If you have any questions or comments, please contact me at (510) 567-6755.

Sincerely,



Amy Leech  
Hazardous Materials Specialist

**ATTACHMENTS**

c: Aqua Science Engineers Inc., 2411 Old Crow Canyon Rd., Suite 4, San Ramon CA 94583  
File (ALL)

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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R0747

RAFAT A. SHAHID, Assistant Agency Director

December 28, 1993

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(510) 271-4320

CERTIFIED MAILER #: P 386 338 277

Challenge Manufacturing Co.  
1308 - 67th St.  
Oakland, 94608  
UGTID: 318

**Re: FIVE-YEAR PERMITS FOR OPERATION OF UNDERGROUND STORAGE TANK(S)  
1308 - 67th St. Oakland, 94608**

Dear Owner/Operator:

According to our records your facility referenced above has not received a five-year permit to operate UST's. In order to obtain a permit you must complete the following items marked below and return them within 30 DAYS. The necessary forms are enclosed. You may complete a "Consolidated Underground Tank Management Plan" which will assist you in preparing a monitoring plan, site plot plan and spill response plan for your tank(s). If supplemental information or forms are required, please submit it to this office with the completed questionnaire and application forms:

- \_\_\_ 1. An accurate and complete plot plan.
- \_\_\_ 2. A written spill response plan. (enclosed)
- \_\_\_ 3. A written tank monitoring plan. (enclosed)
- \_\_\_ 4. Results of precision tank test(s), (initial and annual).
- \_\_\_ 5. Results of precision pipeline leak detector tests (initial and annual).
- \_\_\_ 6. Complete UST PERMIT FORM A-one per facility. (enclosed)
- \_\_\_ 7. Complete UST PERMIT FORM B-one per tank. (enclosed)
- \_\_\_ 8. Complete UST PERMIT FORM C-one per tank if information is available. (enclosed)
- \_\_\_ 9. Letter stating how the tank is to be maintained during one year closure.

Be advised that Title 23 of the California Code of Regulation prohibits the operation of "ANY" UST without a permit. If our records are in error, you must contact this office immediately TO AVOID POSSIBLE ENFORCEMENT ACTION. Please feel free to contact this office at (510) 271-4320; to answer any questions which may arise in completing the mandatory five-year permit process. Be prepared to provide your zip code to speak with the Hazmat Specialist handling your case.

Sincerely,

*Brian M. Oliva for*

Brian Oliva  
HazMat Specialist

c: Edgar Howell, Chief, Hazardous Materials Div. (files)