

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO#857

StID 4021

October 29, 1997

Mr. Andrew Clark-Clough  
City of Oakland  
1333 Broadway, #330  
Oakland, CA 94612

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

RE: Well Decommission at Fire Station #19, 5776 Miles Ave,  
Oakland, CA

Dear Mr. Clark-Clough:

This office and the San Francisco RWQCB have reviewed the case closure summary for the above referenced site and concur that no further action related to the underground tank release is required at this time. Before a remedial action completion letter is sent, the onsite monitoring well and piezometers (P1, P2, and MW-3) should be decommissioned, if they will no longer be monitored. Please notify this office upon completion of well destruction so a closure letter can be issued.

Well destruction permits may be obtained from Alameda County Public Works. They can be reached at (510) 670-5575.

If you have any questions, I can be reached at (510) 567-6762.

Sincerely,

eva chu  
Hazardous Materials Specialist

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0857  
~~R0827~~

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

March 29, 1993

Ms. Julie Carver  
City of Oakland, Real Estate  
1330 Broadway, Ste 1001  
Oakland, CA 94612

STID 4021


Re: Work plan for the investigations at 5776 Miles Avenue,  
Oakland, California

Dear Ms. Carver,

This office has received and reviewed Applied Geotechnology, Inc.'s work plan, dated February 23, 1993, and finds this well monitoring plan acceptable. Per my request over the phone on March 29, 1993, please submit a copy of the manifest for the removal of formerly excavated soil from the site and a copy of the report documenting the installation and sampling of the on-site monitoring well and two piezometers.

Quarterly monitoring shall begin within 60 days of the date of this letter. If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,

  
Juliet Shin  
Hazardous Materials Specialist

cc: Richard Hiatt, RWQCB

William K. Wikander, PE  
Applied Geotechnology, Inc.  
100 Hegenberger Road, Ste 210  
Oakland, CA 94621

Edgar Howell-File(JS)

ALAMEDA COUNTY  
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AGENCY

DAVID J. KEARS, Agency Director



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RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
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80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

October 21, 1992

Julie Carver  
City of Oakland, Real Estate  
1330 Broadway, Ste 1001  
Oakland, CA 94612

STID 4021

RE: Required investigations at the City of Oakland Fire Station  
#19 site, located at 5776 Miles Avenue, Oakland, California

Dear Ms. Carver,

In March 1988, a 285-gallon gasoline underground storage tank (UST) was removed from the above site. Analysis of soil samples collected from beneath this UST in native soil identified 1,900 parts per million (ppm) Total Petroleum Hydrocarbons.

In response to this observed release, the Alameda County Health Department sent the City of Oakland a letter, dated October 31, 1988, requiring that additional investigations be conducted at the site. In response to this letter, the City of Oakland sent a letter, dated November 18, 1988, to this Department stating that it was in the process of retaining consultants to prepare a work plan. To this date, this office has not received a work plan or information regarding any additional investigations conducted at the site.

Guidelines established by the California Regional Water Quality Control Board (RWQCB) require that a soil and ground water investigation be conducted whenever an unauthorized release of product is suspected from an UST. The soil contamination would indicate that such an event has occurred.

You are required to conduct a **Preliminary Site Assessment (PSA)** to determine the lateral and vertical extent and severity of latent soil and ground water contamination which may have resulted from the release at the site. The information gathered by the PSA will be used to determine an appropriate course of action to remediate the site, if deemed necessary. The PSA must be conducted in accordance with the RWQCB's Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks. The major elements of such an investigation are summarized in the attached **Appendix A**. The major elements of the guidelines include, but are not limited to, the following:

Ms. Julie Carver  
RE: 5776 Miles Avenue  
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- o At least one ground water monitoring well must be installed within 10 feet of the tank pit, oriented in the confirmed downgradient direction relative to ground water flow. In the absence of identifying the confirmed downgradient direction, a minimum of three monitoring wells will be required to verify gradient direction. During the installation of these wells soil samples are to be collected at five foot depth intervals and at any significant changes in lithology until ground water is reached.
- o Subsequent to the installation of the monitoring wells, these wells must be surveyed to an established benchmark, with an accuracy of 0.01 foot. Additionally, ground water elevations are to be measured monthly for three consecutive months and then quarterly thereafter. Ground water samples are to be collected and analyzed quarterly. Both soil and ground water samples must be analyzed for the appropriate fuel contaminants listed in Table 2 of the RWQCB's Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks.

The PSA proposal is due within 45 days of the receipt of this letter. Once the proposal is approved, field work should commence within 60 days. A report must be submitted within 45 days after the completion of this phase of work at the site. Subsequent reports are to be submitted quarterly until this site qualifies for final RWQCB "sign-off". Such quarterly reports are due the first day of the second month of each subsequent quarter.

The referenced initial and quarterly reports must describe the status of the investigation and must include, among others, the following elements:

- o Details and results of all work performed during the designated period of time: records of field observations and data, boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, tabulations of free product thicknesses and dissolved fractions, etc.
- o Status of ground water contamination characterization

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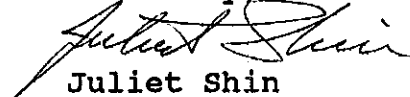
- o Interpretation of results: water level contour maps showing gradients, free and dissolved product plume definition maps, for each target component, geologic cross sections, etc.
- o Recommendations or plans for additional investigative work or remedation

All reports and proposals must be submitted under seal of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer. Please include a statement of qualifications for each lead professional involved with this project.

Please be advised that this is a formal request for technical reports pursuant to **California Water Code Section 13267 (b)**. 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) 271-4530.

Sincerely,



Juliet Shin  
Hazardous Materials Specialist

cc: Richard Hiatt, RWQCB

City of Oakland Fire Station #19  
5776 Miles Avenue  
Oakland, CA 94618

Edgar Howell-File (JS)