

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0910

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

StID 4370

November 30, 1993

Timothy Craig
Blood Bank of the ACCMA
P.O.Box 2895
Oakland, CA 94618

Subject: ULR for 6230 Claremont Ave, CA 94618

Dear Mr. Craig:

I have completed review of the case file for the above referenced site and need to have the enclosed form (Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report) completed, signed, and returned to this office as soon as possible.

Your consultant, Einarson Geoscience, Inc. is also providing some missing documents to complete our files. Once the files are complete, case closure can be recommended for this site.

If you have any questions, please contact me at (510) 271-4530.

Sincerely,

eva chu
Hazardous Materials Specialist

enclosure

cc: Patricia Thompson, Einarson Geoscience, 958 San Leandro
Ave., Suite 900, Mountain View, CA 94043
files

bloodbnk.2

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March 29, 1993

Mr. Timothy M. Craig
Blood Bank of the A.C.C.M.A.
6230 Claremont Avenue
Oakland, CA 94618

STID 4370

RE: Work plan for 6230 Claremont Avenue, Oakland, California

Dear Mr. Craig,

This office has reviewed Einarson Geoscience, Inc.'s Work plan, dated March 19, 1993, and finds this plan acceptable. Field work shall commence within 60 days of the date of this letter. Per the work plan, subsequent to the field work, an investigation report will be submitted to this office within 20 days after the receipt of the analytical laboratory results.

Please notify this office 48 hours in advance of field work. If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Juliet Shin'.

Juliet Shin
Hazardous Materials Specialist

cc: Sumadhu Arigala, RWQCB

Patricia Einarson
Einarson Geoscience, Inc.
958 San Leandro Ave., Ste 900
Mountain View, CA 94043

Edgar Howell-File (JS)

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November 23, 1992

Mr. Timothy M. Craig
Blood Bank of the A.C.C.M.A.
6230 Claremont Avenue
Oakland, CA 94618

STID 4370

Re: Investigations at 6230 Claremont Avenue, Oakland, California

Dear Mr. Craig,

The case files for the above site have been transferred to another Hazardous Materials Specialist, Juliet Shin

In October 1992, it appears that a 40-gallon diesel underground storage tank (UST) was removed from the site. Analysis of two soil samples collected from beneath the UST identified 8,000 parts per million (ppm) and 430 ppm diesel.

This office has received and reviewed Bay Area Tank & Marine's work plan, dated November 12, 1992, for the excavation of additional contaminated soil from the tank pit. This office approves of the work plan, with the following reminders:

- o The confirmatory soil samples collected from the walls and floor of the tank pit are required to be analyzed for TPHd and BTEX, per the California Regional Water Quality Control Board's (RWQCB) guidelines.
- o It was proposed that one soil sample would be collected per every 20 cubic yards of stockpiled soil. However, if you have plans to dispose of this soil off site, then it is acceptable to collect one soil sample per every 50 cubic yards. The RWQCB requires one soil sample per every 20 cubic yards of stockpiled soil only when there are plans to reuse this soil on site.
- o A report containing details of the above proposed work, details of the initial tank removal, lab analysis results for all soil samples collected, chain-of-custody, manifests, etc. must be submitted to this office within 45 days after completing the above proposed work.

In addition to the above work, guidelines established by RWQCB requires that both soil and ground water investigations be conducted when hydrocarbon concentrations beneath the UST greatly exceed 100 ppm.

Mr. Timothy M. Craig
Re: 6230 Claremont Avenue
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You are required to conduct a **Preliminary Site Assessment (PSA)** to determine the lateral and vertical extent and severity of ground water contamination, in addition to soil 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:

- 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 information verifying the confirmed downgradient direction, a minimum of three monitoring wells will be required to determine the ground water gradient. During the installation of these wells soil samples are to be collected at five foot depth intervals and 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. Samples are to be analyzed for the appropriate fuel contaminants listed in Table 2 of RWQCB's Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks.

The PSA proposal is due **within 60 days** of the receipt of this letter. Once the proposal is approved, field work should commence within 60 days. A report must be submitted to this office 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:

Mr. Timothy M. Craig
Re: 6230 Claremont Avenue
November 23, 1992
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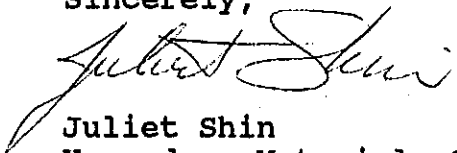
- o Details and results of all work performed during the designated period of time: records of field observations and data, boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, tabulations of free product thicknesses and dissolved fractions, etc.
- o Status of ground water contamination characterization
- 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 remediation

All reports and proposals must be submitted under seal of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer.

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: Eddy So, RWQCB

Hugh Murphy, Hayward Fire Dept.

Forrest Canutt
Bay Area Tank & Marine
4851 Sunrise Drive, Unit 104
Martinez, CA 94553

Edgar Howell-File(JS)