

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01140

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 11, 1994

Mr. Jim Thompson
Alameda Collision Repair
1913 Park St.
Alameda, CA 94501

STID 3713

Re: Investigations at the Alameda Collision Repair site,
located at 1911 Park St., Alameda, California

Dear Mr. Thompson,

This office has received and reviewed CET Environmental's (CET) Quarterly Ground water Report, dated February 15, 1994. In this report, CET recommends that the site be considered for closure. Before this office can review the case files for closure, you need to submit the following pieces of information:

- o Please complete the attached Unauthorized Release/Leak Report form, and submit it to this office within 20 days of the date of this letter;
- o Please submit a copy of the manifest for the disposal of the two former underground storage tanks; and
- o Please submit documentation for the fate of the soil that was excavated during the tank removals.

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

Sincerely,


Juliet Shin
Hazardous Materials Specialist

ATTACHMENT

cc: Terrance E. Carter
CET Environmental Services, Inc.
5845 Doyle St., Ste 104
Emeryville, CA 94608

Edgar Howell-File(JS)

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Roll 40

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Oakland, CA 94621
(510) 271-4530

January 27, 1993

Mr. Jim Thompson
Alameda Collision Repair
1913 Park St.
Alameda, CA 94501

STID 3713

RE: The Alameda Collision Repair site, located at 1911 Park St., Alameda, California

Dear Mr. Thompson,

This office has received and reviewed ATT's Groundwater Monitoring Well Installation Report, dated January 20, 1993. You are required to continue quarterly ground water monitoring at the site, however, contrary to ATT's recommendation that samples be analyzed for Total Petroleum Hydrocarbons (TPH) as diesel and benzene, toluene, xylenes, and ethyl benzene (BTEX), you are required to analyze the quarterly ground water samples for **TPH as gasoline and BTEX** using the appropriate EPA Test Methods. It appears that the analysis for TPH as diesel is not required since the former underground storage tanks at the site stored gasoline.

The equilibrated ground water level at the site was noted as being 4 feet below ground surface, however, it was stated that the well screen begins at a depth of 5 feet below ground surface. Therefore, it appears that the well is not adequately screening the ground water table. If the water table continues to lie above the well screening interval, you may have to consider additional efforts for accurately investigating ground water quality.

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

Sincerely,


Juliet Shin
Hazardous Materials Specialist

Mr. Jim Thompson
RE: 1911 Park St.
Page 2 of 2
January 27, 1993

cc: Richard Hiett, RWQCB

Benjamin Berman
Aqua Terra Technologies
2950 Buskirk Avenue, Ste. 120
Walnut Creek, CA 94596-2079

Edgar Howell-File(JS)

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

November 20, 1992

Mr. Jim Thompson
Alameda Collision Repair
1913 Park St.
Alameda, CA 94501

STID 3713

RE: Work plan for the Alameda Collision site, located at 1911
Park St., Alameda, California

Dear Mr. Thompson,

This office has recently received and reviewed Aqua Terra Technologies' work plan, dated November 18, 1992, for the above site. The work plan is acceptable to this office except for the following required changes:

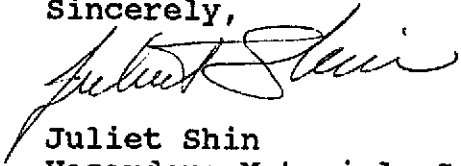
- o According to Exxon's (1725 Park Street) ground water gradient determinations for the last several quarters, the gradient for the area has been towards the northeast. However, the proposed monitoring well location for the Alameda Collision site is southeast of the former tank pit rather than northeast, according to the work plan's Plate 3. Please submit a revised location for the proposed monitoring well so that it lies within 10 feet northeast (the apparent downgradient direction) of the former tank pit.
- o Additionally, soil samples are to be collected at five foot intervals and at changes in lithology from the boring. A minimum of one soil sample must be collected from the boring.

Please be reminded to copy Richard Hiett, San Francisco Bay Region-Water Quality Control Board, on all correspondence and reports.

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

Mr. Jim Thompson
RE: 1911 Park St.
November 20, 1992
Page 2 of 2

Sincerely,



Juliet Shin
Hazardous Materials Specialist

cc: Richard Hiett, RWQCB.

Karen Hee
Aqua Terra Technologies
2950 Buskirk Avenue, Ste 120
Walnut Creek, CA 94596-2079

Edgar Howell-File(JS)

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RAFAT A. SHAHID, Assistant Agency Director

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

June 19, 1992

Jimmie Thompson
1913 Park St.
Alameda, CA 94501

STID 3713

RE: Investigations at the Alameda Collision site, located at 1911
Park St., Alameda, California

Dear Mr. Thompson,

Alameda County Environmental Health Department, Hazardous Materials Division, has currently been delegated authority from the San Francisco Regional Water Quality Control Board (RWQCB) to oversee a large number of remediation cases within Alameda County. Therefore, we will be the lead contact agency for the oversight duties regarding this case.

The files for the case referenced above have recently been reviewed by our office. According to the Subsurface Soil and Water Sampling Report, dated July 19, 1988, two underground storage tanks (USTs), one 200-gallon and one 750-gallon gasoline tank, were removed from the site on June 20, 1988. Soil samples were collected from the north, west, and east walls of the tank pit. Analysis of these soil samples did not identify any contaminants above detection limits. However, groundwater was observed in the tank pit, and a grab sample of this water exhibited 1,700 parts per billion (ppb) Total Petroleum Hydrocarbons as gasoline and 4.3 ppb benzene.

Guidelines established by RWQCB requires that a groundwater investigation be conducted whenever an unauthorized release of product is suspected from an UST. The groundwater contamination identified from the tank pits would indicate that such an event has occurred. The guidelines state that a groundwater monitoring well must be installed within ten feet of the UST in the verified downgradient direction. If adequate groundwater gradient information is not available from neighboring sites, two additional monitoring wells must be installed at the site in order to complete the triangulation necessary to determine the groundwater gradient behavior beneath the site.

Jimmie Thompson
RE: 1913 Park St.
June 19, 1992
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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, groundwater elevations are to be measured monthly for 12 consecutive months and then quarterly thereafter. Groundwater samples are to be collected and analyzed quarterly.

You are required to submit a preliminary site assessment (PSA) work plan describing the proposed work at the site. It should include, among other elements, a depiction of the proposed locations for monitoring well installations and sampling plan. Initial soil and groundwater samples shall be analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg), lead, and Benzene, Toluene, Ethylbenzene, and Xylenes using appropriate EPA or DHS methods.

The PSA must be conducted in accordance with the RWQCB's Staff Recommendation for the Initial Evaluation and Investigation of Underground Tanks, August 1990, the State Water Resources Control Board's LUFT field manual, and be consistent with requirements set forth in Article 11 of Title 23, California Code of Regulations. Please reference the attached Appendix A summarizing the technical scope of such a PSA proposal.

The PSA shall be conducted under the direction of a registered engineer/geologist. A technical report shall be submitted following completion of this initial stage of work at the site. Subsequent reports are to be submitted quarterly until this site qualifies for final RWQCB "sign-off".

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 quarterly, tabulations of free product thicknesses and dissolved fractions, etc.
- o Status of groundwater 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.

Jimmie Thompson
RE: 1913 Park St.
June 19, 1992
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- o Recommendations or plans for additional investigative work or remediation

The need for any follow-up investigative or remedial actions at this site will be based upon the data derived from this soil and groundwater investigation.

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 Juliet Shin at (510) 271-4320.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

Attachment

cc: Richard Hiett, RWQCB
Richard Quarante, Alameda Fire Dept.
Mark Thompson, Alameda County District Attorney's Office
Edgar Howell-File (JS)