

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0750

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

December 29, 1993

Steven McKinley
Alameda Fire Dept.
Headquarters
1300 Park St.
Alameda, CA 94501

STID 3870

Re: Investigations at the Alameda Fire Station #2, located at
635 Pacific Ave., Alameda, CA

Dear Mr. McKinley,

Thank you for your submittal of the Unauthorized Release (Leak)/Contamination Site Report, for the above site. This office overlooked the need for a few additional pieces of information in our last letter, for our assessment of the above site for closure. Please submit a copy of the manifest for the disposal of the former 285-gallon diesel underground storage tank and documentation showing the fate of all the excavated soil from the site. This office has already left a message with your consultant, Environmental Technical Services, requesting the above items.

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

Sincerely,


Juliet Shin
Hazardous Materials Specialist

cc: Jim Sanderson
City of Alameda
1616 Fortmann Way
Alameda, CA 94501

Helen MaWhinney
Environmental Technical Services
1548 Jacob Ave
San Jose, CA 95118

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0750

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

December 7, 1993

Steve McKinley
Alameda Fire Dept.
1300 Park St.
Alameda, CA 94501

STID 3870

Re: Investigations at the Alameda Fire Station #2, located at
635 Pacific Avenue, Alameda, California

Dear Mr. McKinley,

It appears that the above site is ready to be assessed for closure. However, before this office can evaluate the site for closure, an Unauthorized Release/Leak Report form needs to be completed for the site. Please complete the attached form and submit it **within 30 days** of the date of this letter.

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: Henry Wong
City of Alameda
2263 Santa Clara Ave.
Alameda, CA 94501

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0750

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

October 7, 1993

Steve McKinley
Alameda Fire Dept.
1300 Park St.
Alameda, CA 94501

STID 3870

Re: The destruction of MW1 at the Alameda Fire Station, located
at 635 Pacific Street, Alameda, California

Dear Mr. McKinley,

Per our conversation on October 7, 1993, it appears that MW-1 can be destroyed. This well was originally installed to monitor any releases from the former underground storage tank and is not currently being utilized as part of the ground water monitoring investigations at the site. **Please be aware that MW1 must be destroyed under permit from Alameda County's Flood Control District, Zone 7.** The requirements of this permit include, but are no limited to, drilling out and cement grouting the well. Please submit to this office all copies of paper work confirming proper closure of this well.

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', written over a horizontal line.

Juliet Shin
Hazardous Materials Specialist

cc: Jim Sanderson
City of Alameda
1616 Fortmann Way
Alameda, CA 94501

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID W. EAFS, Agency Director



R0750

REPORT - 31-4110D - Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
-hazardous materials Division
905 Van Ness, Rm. 200
Oakland, CA 94612
510/271-4000

May 26, 1992

Captain Steve McKinley
Alameda Fire Department
1300 Park Street
Alameda, CA 94501

STID 3870

RE: Work plan for investigations at 635 Pacific Avenue, Alameda,
California

Dear Mr. McKinley,

This office has received and reviewed the work plan, dated March 29, 1992. This Department approves of the work plan with one condition: if sufficient data to determine local groundwater gradient is not available from other sources, three monitoring wells are required to be installed at the site. Further, the existing on-site well may not be used for sampling. According to the well construction detail for this well provided in the work plan, the screened interval begins below the water table. Wells intended for detecting hydrocarbons must be constructed such that the well screen "straddles" the saturated/unsaturated zone. In this way, both dissolved and free-phase ("floaters") hydrocarbons may be detected.

Before installing monitoring wells, you are required to submit a diagram showing the proposed monitoring well locations and the well construction details for the proposed wells. Copies of the plans and proposals must be approved by this Department before they can be implemented.

The monitoring wells are to be surveyed and groundwater elevations are to be measured monthly for 12 consecutive months and then quarterly thereafter. Additionally, groundwater samples are to be collected and analyzed quarterly. These samples must be analyzed for the contaminants listed in Table 2 of the California Regional Water Quality Control Board's Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks.

Field work should commence within 60 days of the receipt of this letter. Please be reminded that a report documenting the results from work performed is due to this office within 45 days of completion of field activities. 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.

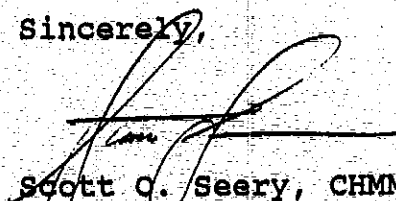
The referenced initial quarterly reports must describe the status of the investigation and must include, among others, the following elements:

- 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 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.
- o Recommendations or plans for additional investigative work of remediation

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 the RWQCB.

If you have any questions or comments, please contact Juliet Shin at (510) 271-4320.

Sincerely,



Scott C. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Richard Hiatt, RWQCB

Richard Quarante, Alameda Fire Dept.

Gary Zaccor
Zaccor Corporation
791 Hamilton Avenue
Menlo Park, CA 94025

File (JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0750

RAFAT A. SHAHID, Assistant Agency Director

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

February 7, 1992

Mr. Henry Wong
City of Alameda
Engineering Dept. Room 207
2263 Santa Clara Ave.
Alameda, CA 94501

Subject: Fire Station #2, 635 Pacific Ave., Alameda, CA 94501

Dear Mr. Wong:

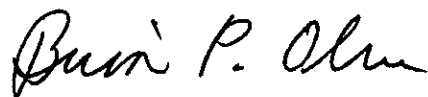
This office has received and reviewed a report dated January 6, 1992, compiled by Zaccor Corporation(ZC), your consultant of record. Thank you for submitting the data in a timely manner for evaluation by the Division of Hazardous Materials. Prior to concurrence with any further work at the facility several points are in need of clarification:

- 1) In the cover letter from Mr. Zaccor, reference is made to a monitoring well constructed by Aqua Science Engineers(ASE). This well was constructed in 1986 conforming to standard practices utilized at the time, according to Mr. Zaccor. Please submit evidence that the well was constructed down gradient to the location of the former fuel tank.
- 2) Soil sample analysis from underneath the former tank yielded Toluene (6.5 parts per billion). Toluene is a chemical on the Proposition 65 List. In order to be granted a closure of the site it will be necessary to submit a plan for over-excavation in the area surrounding the former tank to a "non-detect" level.
- 3) Submit a workplan that will entail development of the well and subsequent monitoring once it has been established that the well was constructed down gradient from the former tank.
- 4) Following concurrence with the workplan and subsequent analysis of the laboratory results, this office will consider the possibility of site closure.

5) Please be advised that the possibility of closing the site will depend on the results submitted to this office.

If you have any questions concerning this site please call this office at (510) 271-4320.

Sincerely,



Brian P. Oliva, REHS
Hazardous Materials Specialist

cc: Eddie So, SFBRWQCB
Gary Zaccor, Zaccor Corporation
Steve McKinley, City of Alameda Fire Dept.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0750

RAFAT A. SHAHID, Assistant Agency Director

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

February 7, 1992

Mr. Henry Wong
City of Alameda
Engineering Dept. Room 207
2263 Santa Clara Ave.
Alameda, CA 94501

Subject: Fire Station #2, 635 Pacific Ave., Alameda, CA 94501

Dear Mr. Wong:

This office has received and reviewed a report dated January 6, 1992, compiled by Zaccor Corporation(ZC), your consultant of record. Thank you for submitting the data in a timely manner for evaluation by the Division of Hazardous Materials. Prior to concurrence with any further work at the facility, several points are in need of clarification:

- 1) In the cover letter from Mr. Zaccor, reference is made to a monitoring well constructed by Aqua Science Engineers(ASE). This well was constructed in 1986 conforming to standard practices utilized at the time, according to Mr. Zaccor. Please submit evidence that the well was constructed down gradient to the location of the former fuel tank.
- 2) Although it may not be necessary to over-excavate the area surrounding the former underground tank, soil sample analysis from underneath the former tank yielded Toluene (6.5 parts per billion). Toluene is a chemical on the Proposition 65 List. In order to be granted a closure of the site this office recommends submission of a work plan for over-excavation in the area surrounding the former tank to a "non-detect" level.
- 3) Submit a workplan that will entail development of the well and subsequent monitoring once it has been established that the well was constructed down gradient from the former tank.
- 4) Following concurrence with the workplan and subsequent analysis of the laboratory results, this office will consider the possibility of site closure.

5) Please be advised that the possibility of closure status being granted the site will depend on the results submitted to this office indicating there is no threat of further discharge into the environment of hazardous chemicals.

If you have any questions concerning this site please call this office at (510) 271-4320.

Sincerely,

Brian P. Oliva

Brian P. Oliva, REHS
Hazardous Materials Specialist

cc: Eddie So, SFBRWQCB
Gary Zaccor, Zaccor Corporation
Steve McKinley, City of Alameda Fire Dept.