

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RO 869

RAFAT A. SHAHID, DIRECTOR

StId #3848

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700

April 11, 1995

Marc Silvani
California Glass Company
155 - 98th Ave
Oakland CA 94603

Subject: Required investigations at 155 - 98th Avenue, Oakland,
California 94603

Dear Mr. Silvani:

This office has received and reviewed Hageman-Aguiar, Inc.'s Report of Groundwater Sampling, dated February 27, 1995, for the subject site.

Analytical results of ground water samples taken from monitoring wells EA1, EA2, and EA3 identified low levels (130 - 310 ppb) of Total Petroleum Hydrocarbons as diesel (TPHd). Total Petroleum Hydrocarbons as gasoline (TPHg) and benzene, toluene, ethylbenzene, and xylenes (BTEX) were not detected in any of the samples, except for 2.1 ppb toluene.

Please complete ground water sampling and monitoring for the second quarter of 1995 (i.e. by the end of May 1995) at the subject site and submit a report of those results to this office no later than July 1, 1995.

Per our conversation on April 11th, depending on the results of the next quarterly sampling, this office may recommend your site for final closure.

Please contact me at (510)567-6755 if you have questions or need additional information:

Sincerely,

A handwritten signature in cursive script that reads "Amy Leech".

Amy Leech
Hazardous Materials Specialist

c: Bruce Hageman
Hageman-Aguiar, Inc.
3732 Mt. Diablo Blvd., Suite 372
Lafayette, CA 94549

Acting Chief of Environmental Protection - File (ALL)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0869

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

StId 3848

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program

February 15, 1995

Alameda County CC453
Environmental Protection Division
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577

Marc Silvani
California Glass Co.
155 - 98th Ave
Oakland CA 94603

Subject: 155 - 98th Avenue, Oakland, CA

Dear Mr. Silvani:

We are in receipt of the Tank Closure Report and EA Engineering, Science & Technology's Report of Soil and Groundwater Investigations, dated April 30, 1990, for the subject site.

Please sign the attached "UST Unauthorized Release (Leak)/Contamination Site Report" where indicated in red and return this form to me as soon as possible.

Bruce Hageman of Hageman-Aguiar, Inc. notified me last week that groundwater from the three existing on-site monitoring wells was to be measured and sampled sometime this week. Please incorporate the results of this sampling event into the Preliminary Site Assessment (PSA) proposal. The requirements for the PSA were outlined for you in our letter dated January 5, 1995. The PSA proposal is due to this office no later than March 6, 1995.

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

Sincerely,

A handwritten signature in cursive script that reads "Amy Leech".

Amy Leech
Hazardous Materials Specialist

enclosure

cc: Bruce Hageman
Hageman-Aguiar, Inc.
3732 Mt. Diablo Blvd., Suite 372
Lafayette, CA 94549

Ed Howell

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0869

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program

StId #3848

January 5, 1995

Alameda County Environmental Health
Environmental Protection Division
1131 Harbor Bay Parkway, Rm. 250
Alameda, CA 94502-6577 CC:430-4510

Marc Silvani
California Glass Company
155 - 98th Ave
Oakland CA 94603

Subject: Required investigations at 155 - 98th Avenue, Oakland,
California 94603

Dear Mr. Silvani:

This office has received and reviewed soil and ground water sample results reported by Priority Environmental Labs, dated December 5 and 21, 1994.

Two underground storage tanks (USTs) were removed from the subject site: one 12,000 gallon UST which stored diesel fuel was removed on December 1, 1994, and one 10,000 gallon UST which stored gasoline was removed on December 2, 1994. Lab analysis results from grab ground water samples collected from the 10,000 gallon UST pit identified contaminant levels as high as 5,900 parts per billion (ppb) Total Petroleum Hydrocarbons as gasoline (TPHg), 150 ppb TPH as diesel (TPHd), 16 ppb benzene, 11 ppb toluene, 9.6 ppb ethylbenzene, and 19 ppb Total xylenes.

Lab analysis of soil samples collected from the west end of the 10,000 gallon UST pit collected on 12/2/94 identified maximum contaminant levels for TPHg at 230 parts per million (ppm), 210 ppb benzene, 210 ppb toluene, 170 ppb ethylbenzene, and 590 ppb Total xylenes. Overexcavation of the west end of the 10,000 gallon UST pit occurred on December 20, 1994. Soil side wall samples at the excavation boundaries were collected at the soil-ground water interface. Lab analysis results of these soil samples identified maximum contaminant levels for TPHg at 3.5 ppm, 10 ppb benzene, 13 ppb toluene, 7.4 ppb ethylbenzene, and 39 ppb xylene.

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 ground water.

Silvani
California Glass Co.
January 5, 1995
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You are required to conduct a **Preliminary Site Assessment (PSA)** to determine the lateral and vertical extent and severity of **both soil and ground water** contamination resulting 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, 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**. The major elements of the guidelines include, but are not limited to, the following:

- o At least one permanent ground water monitoring well must be installed within 10 feet of the observed soil contamination, oriented in the confirmed downgradient direction relative to groundwater flow. In the absence of neighboring monitoring wells located within 100 feet of the site, or any other data identifying the confirmed downgradient direction, a minimum of three 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 any significant changes in lithology.

- o Subsequent to the installation of the monitoring wells, these wells must be **surveyed to an established benchmark**, (i.e., Mean Sea Level) with an accuracy of 0.01 foot. Ground water samples are to be collected and analyzed quarterly, and water level measurements are to be **collected monthly for the first three months**, and then quarterly thereafter. If the initial ground water elevation contours indicate that ground water flow directions vary greatly then you will be required to continue monthly water level measurements until the ground water gradient behavior is known. **Both soil and ground water samples must be analyzed for TPHg and BTEX.**

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,

Silvani
California Glass Co.
January 5, 1995
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following the completion of the initial assessment, that there has been a substantial impact to ground water.

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 PSA proposal is due within 60 days of the date 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.
- o Interpretations 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.

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.

Silvani
California Glass Co.
January 5, 1995
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Additionally, you are required to submit documentation regarding the following items. **This documentation must be submitted within 15 days** of the date of this letter.

1. Complete the "Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report" (blank form attached)
2. Tank Closure Summary
3. Fate of excavated soil as a result of excavation of the USTs and subsequent overexcavation of the 10,000 gallon UST pit.

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

Sincerely,



Amy Leech
Hazardous Materials Specialist

ATTACHMENTS

cc: Edgar Howell

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