

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

Ro# 837

Alameda County 004000  
Environmental Health Services  
1131 Harbor Bay Pkwy., #250  
Alameda CA 94502-6577  
(510)567-6700 FAX(510)337-9335

Std 1794

April 29, 1996

Attn: Steve Nelson  
Tharco  
2222 Grant Ave.  
San Lorenzo CA 94580

**Subject: Well destruction at 2222 Grant Avenue, San Lorenzo, CA**

Dear Mr. Nelson:

The Alameda County Department of Environmental Health, Environmental Protection Division and the San Francisco Regional Water Quality Control Board have reviewed the case closure summary for the above referenced site and concur that no further action related to the release from the former underground storage tank is required at this time.

Please be advised that if there are no plans to continue groundwater monitoring, the three groundwater monitoring wells (MW-1 through MW-3) at the site must be properly decommissioned before our agency will issue the **Remedial Action Completion Certification** (closure letter). A report must be submitted to this office documenting the abandonment of the monitoring wells or a letter stating your intentions to continue groundwater monitoring at the site.

Well destruction permits may be obtained from Alameda County Flood Control and Water Conservation, Zone 7. Their telephone number is (510)484-2600. Additionally, you will need to notify this office 72 hours in advance of the well abandonment field activities.

Please call me at (510)567-6755 if you have questions.

Sincerely,

Amy Leech  
Hazardous Materials Specialist

c: Kevin Graves, RWQCB  
Gordon Coleman - File(ALL)

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0837

RAFAT A. SHAHID, DIRECTOR

July 25, 1995

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

Mr. Jim Burress  
Tharco  
2222 Grant Ave  
San Lorenzo CA 94580

StId 1794

Subject: Investigations at 2222 Grant Ave., San Lorenzo, CA

Dear Mr. Burress:

This letter is in response to a letter from Hydro Environmental Technologies, Inc., dated May 10, 1995, and my telephone conversations with Frances Maroni on June 28, 1995. The letter requested approval to reduce the sampling frequencies of three groundwater monitoring wells (installed subsequent to a release from a former underground storage tank at the subject site) from quarterly events to an annual event.

As I discussed with Ms. Maroni on June 28th, at this time this office approves a reduction in groundwater sampling of the three on-site monitoring wells (MW-1, MW-2, and MW-3) from a quarterly event to a semi-annual event. Semi-annual sampling will provide data for seasonal fluctuations in groundwater depth and associated variations in contaminant concentrations. In addition, it may be necessary to complete groundwater investigations southeast of monitoring well MW-1 to verify the extent of contamination prior to applying for case closure. To assist in determining groundwater quality at the site, please analyze for Total Dissolved Solids during the next round of sampling.

The review of environmental assessment/ investigations for this site has been transferred from Juliet Shin to Amy Leech of this office. Should you have questions, please contact me at (510)567-6755 and submit all reports to my attention.

Sincerely,

Amy Leech  
Hazardous Materials Specialist

c: Frances Maroni  
Hydro Environmental Technologies, Inc.  
2363 Mariner Square Dr., Suite 243  
Alameda CA 94501

Acting Chief of Environmental Protection - File (ALL)

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
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DAVID J. KEARS, Agency Director



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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

July 14, 1994

Mr. Jim Burress  
Tharco  
2222 Grant Avenue  
San Lorenzo, CA 94580

STID 1794

Re: Investigations at 2222 Grant Ave., San Lorenzo, California

Dear Mr. Burress,

This office has received and reviewed Tharco's Subsurface Investigation Report, dated July 7, 1994. Soil and ground water contamination were identified from the newly installed well locations on the site. Please be reminded that, per Article 5 Title 23 California Code of Regulations and the Regional Water Quality Control Board's guidelines, you are required to continue quarterly ground water sampling and reporting for the site until the site qualifies for case closure.

The Alameda County Environmental Health Department has recently moved to a new location. Our new address is:

1131 Harbor Bay Parkway, Ste 250  
Alameda, California 94502

My temporary phone number is (510) 337-2874. If you have any questions, you can call this number, or 337-2864, or 337-2865.

Sincerely,

Juliet Shin  
Hazardous Materials Specialist

cc: Steve Nelson  
Tharco  
2222 Grant Ave.  
San Lorenzo, CA 94580-1892

Scott D. Kellstedt  
Hydro-Environmental Technologies, Inc.  
2363 Mariner Square Drive, Ste 243  
Alameda, CA 94501

Edgar Howell-File(JS)

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
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DAVID J. KEARS, Agency Director



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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

January 18, 1994

Mr. Steve Nelson  
Tharco  
2222 Grant Avenue  
San Lorenzo, CA 94580

STID 1794

Re: Work plan for investigations at 2222 Grant Avenue, San Lorenzo, California

Dear Mr. Nelson,

This office received Hydro Environmental Technologies' work plan on January 13, 1994, and reviewed the work plan on January 18, 1994. This work plan is acceptable to this office with the following changes/reminders:

- o A minimum of one soil sample from each boring shall be analyzed at a certified laboratory for **TPHg, TPHd, and BTEX**. These samples shall be collected from areas most likely to be contaminated, based on odors, visual observations, and on-site monitoring, as opposed to being collected from a set depth of 4 feet below ground surface.
- o The ground water samples must also be analyzed for **TPHg, TPHd, and BTEX**.
- o Please be reminded that the monitoring wells must be surveyed to an established benchmark (i.e., Mean Sea Level) to an accuracy of 0.01 foot.
- o After installing the wells, you are required to wait a minimum of 24 hours before developing the wells, and after developing the wells, you are required to wait at least 24 hours before sampling the wells.
- o Lastly, there was no scale on the site plan showing the locations of the proposed monitoring wells. Please be reminded that the monitoring wells should be located over 20 feet from each other in order for these wells to accurately establish the site's gradient.

Field work shall commence within 60 days of the date of this letter. A report documenting the work shall be submitted to this office within 45 days after completing field activities.

Mr. Steve Nelson  
Re: 2222 Grant Ave.  
January 18, 1994  
Page 2 of 2

It appears that your site never submitted the required Unauthorized Release/Leak Report (ULR) form. Please complete the attached ULR form and submit it to this office within 15 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: Mr. Jim Bures  
Tharco  
2222 Grant Ave.  
San Lorenzo, CA 94580-8600

Markus B. Niebanck  
Hydro Environmental Technologies  
2363 Mariner Square Drive, #243  
Alameda, CA 94501

Edgar Howell-File(JS)

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
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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 19, 1993

Mr. Steve Nelson  
Tharco  
2222 Grant Avenue  
San Lorenzo, CA 94580

STID 1794

Re: Required investigations at 2222 Grant Avenue, San Lorenzo,  
California

Dear Mr. Nelson,

On July 19, 1993, one 2,000-gallon diesel underground storage tank (UST) was removed from the above site. Several large holes were discovered in the bottom of the tank at the fill end. Severe corrosion was also noted elsewhere on the tank. Two soil samples were collected from beneath the UST in native soil. Although analysis of these soil samples only identified low concentrations of Total Petroleum Hydrocarbons as diesel (TPHd), and benzene, toluene, ethylbenzene, and xylenes, further work was required due to suspected ground water in the tank pit. Per the Regional Water Quality Control Board's guidelines, if **detectable** concentrations of contaminants are identified in the soil and ground water is present in the tank pit, then further soil and ground water investigations are required.

Consequently, on August 27, 1993, overexcavation was conducted of the tank pit, and one ground water sample and four confirmatory soil samples were collected from this overexcavated pit. Analysis results for the soil samples identified up to 350 parts per million (ppm) TPH as gasoline and 2.8 ppm benzene, and the ground water sample identified 850 parts per billion (ppb) TPH as gasoline.

Guidelines established by the California Regional Water Quality Control Board (RWQCB) require that investigations be conducted when a release from an underground storage tank has impacted soil and ground water.

You are required to conduct a **Preliminary Site Assessment (PSA)** to determine the lateral and vertical extent and severity of soil and ground water contamination which has 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

Mr. Steve Nelson  
Re: 2222 Grant Avenue  
October 19, 1993  
Page 2 of 4

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 ground water monitoring well must be installed within 10 feet of the observed soil contamination, oriented in the confirmed downgradient direction relative to ground water flow. In the absence of 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, 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 than 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 the appropriate fuel contaminants listed in Table 2 of the RWQCB's Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks.

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, following the completion of the initial assessment, that there has been a substantial impact to ground water.

Mr. Steve Nelson  
Re: 2222 Grant Ave.  
October 19, 1993  
Page 3 of 4

All reports and proposals must be submitted under a 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.

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 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.

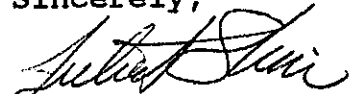
Please be advised that this is a formal request for a work plan pursuant to **Section 2722 (c)(d) of Title 23 California Code of Regulations**. Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by either this agency or RWQCB.



Mr. Steve Nelson  
Re: 2222 Grant Avenue  
October 19, 1993  
Page 4 of 4

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

Sincerely,



Juliet Shin  
Hazardous Materials Specialist

cc: Mr. Darin J. Reinholdt  
Reinholdt & Associates  
P.O. Box 271943  
Concord, CA 94527

Edgar Howell-File(JS)

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
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DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

R0837

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

August 12, 1993

Mr. Steve Nelson  
Tharco  
2222 Grant Avenue  
San Lorenzo, CA 94580

STID 1794

Re: Tank removal and investigations at 2222 Grant Avenue, San Lorenzo, California

Dear Mr. Nelson,

This office has received Reinholdt & Associates' Tank Removal Report. Having reviewed this information, this office is requesting the following:

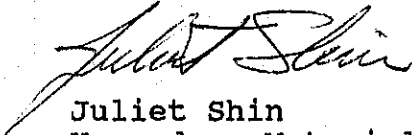
- o Soil samples must be collected from the stockpiled or excavated soil and analyzed for Total Petroleum Hydrocarbons (TPH) as gasoline and diesel, and benzene, toluene, ethylbenzene, and xylenes (BTEX). If you plan to dispose of this soil off site, you must collect one composite sample per every 50 cubic yards. If you plan to resuse this soil on site, you must collect one discreet sample per every 20 cubic yards. Soil samples must be collected as soon as possible before it aerates for too long, causing the levels detected to be unrepresentative of actual conditions.
- o Guidelines established by the Regional Water Quality Control Board states that whenever there is evidence of impact to ground water at a site, ground water investigations shall be conducted. The guidelines usually require that monitoring wells be installed as part of the ground water investigations. However, since it is unclear whether the water in the tank pit is ground water, and relatively low levels of contaminants were identified in the soil, this office is currently allowing you another option. You can pump the water from the tank pit, let it recharge, and collect a ground water sample from the recharged water. This sample shall be analyzed for TPH as gasoline and diesel, and BTEX.

Mr. Steve Nelson  
Re: 2222 Grant Avenue  
August 12, 1993  
Page 2 of 2

After obtaining the lab analysis results for the stockpiled soil samples and the ground water sample, this office will determine what additional work will be required at the site.

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

Sincerely,



Juliet Shin  
Hazardous Materials Specialist

cc: Darin J. Reinholdt  
Reinholdt & Associates  
P.O. Box 271943  
Concord, CA 94527

Edgar Howell-File(JS)

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0837

Certified Mailer #: P 062 128 057

August 21, 1989

Mr. David Aitchison  
Tharco  
2222 Grant Avenue  
San Lorenzo, CA 94580

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Program  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(415) 271-4320

Re: Underground Tank Monitoring Alternative Selection

Dear Mr. Aitchison:

Thank you for submitting the information requested in our letter to you dated June 9, 1989. We appreciate your response.

We wish to remind you to select a monitoring alternative for the monitoring of your underground storage tank. According to the California Code of Regulations, Title 23, Section 2640, owners of underground storage tanks installed before January 1, 1984 shall implement a monitoring system for each tank.

As was stated in our earlier letter, acceptable monitoring systems (alternatives) are listed in California Code of Regulations Title 23 Article 4 (specifically Section 2641 and Table 4.1). A copy of these regulations along with the corresponding laws can be obtained by contacting:

California State Water Resources Control Board  
901 P Street  
Sacramento, California 95801  
(916) 324-1262

You must select and implement a monitoring alternative as soon as possible. Should you have any questions, please feel free to contact Katherine Chesick at 271-4320.

Sincerely,

Rafat A. Shahid, Chief,  
Hazardous Materials Division

RAS:kac

cc: Katherine Chesick, Alameda County Hazardous Materials Division  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0837

Certified Mailer #: P 833 981 447

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Program  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(415)

June 9, 1989

Mr. David Aitchison  
Tharco  
2222 Grant Avenue  
San Lorenzo, CA 94580

Re: Additional Information Needed to Complete Facility Inspection

Dear Mr. Aitchison:

On June 9, 1989 your facility was inspected by Ms. Katherine Chesick, Hazardous Materials Specialist, for handling of hazardous materials and wastes and for compliance with underground storage tank laws. To complete the paperwork portion of the inspection and to bring our files up to date, please submit the following items:

- 1) Copies of the two most recent manifests or receipts for the hauling and disposal/recycling of waste oil, waste solvent, waste absorbant and waste grinding fluid;
- 2) A copy of your Oro Loma waste water discharge permit;
- 3) Completed Business Plan;
- 4) Completed underground storage tank permit applications (Parts A and B). Please submit the entire original for each form;
- 5) A copy of the most recent underground storage tank precision test; and
- 6) The monitoring alternative by which you will monitor your underground storage tank. According to the California Code of Regulations, Title 23, Section 2640, owners of underground storage tanks installed before January 1, 1984 shall implement a monitoring system for each tank.

Acceptable monitoring systems (alternatives) are listed in California Code of Regulations Title 23 Article 4 (specifically Section 2641 and Table 4.1). A copy of these regulations along with the corresponding laws can be obtained by contacting:

California State Water Resources Control Board  
901 P Street  
Sacramento, California 95801  
(916) 324-1262

Page 2 of 2  
Mr. David Aitchison  
Tharco  
June 9, 1989

Please submit this information to our office within 45 days of receipt of this letter.

Should you have any questions, please feel free to contact Ms. Chesick at 271-4320.

Sincerely,



Rafat A. Shahid, Chief,  
Hazardous Materials Division

RAS:kac

cc: Katherine Chesick, Alameda County Hazardous Materials Division  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R0837

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Program  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(415)

April 4, 1989

Mr. James D. Parker  
Hunter Environmental Services, Inc.  
Northern California Office  
597 Center Ave., Suite 350  
Martinez, CA 94553

Dear Mr. Parker:

As requested, we have searched our files on Underground Tanks at the following sites:

2400 Grant Ave., San Lorenzo  
2480 Grant Ave., San Lorenzo  
15631 Worthley, San Lorenzo

(R0837) 2222 Grant Ave., San Lorenzo  
(Tharco)

No Record of Underground Tanks  
No Records  
One Diesel Tank on site  
installed in 1987 no records  
One Diesel Tank on site no  
records

This letter is limited to information available to this department and does not reflect other information, which may be accessible to other agencies or businesses involved with this property.

If you have any questions, please call Edgar Howell, Program Administrator, at 271-4320.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Rafat A. Shahid'.

Rafat A. Shahid, Chief,  
Hazardous Materials Program

RAS:mnc

cc: Howard Hatayama, DOHS  
Edgar Howell  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

DAVID J. KEARS AGENCY  
~~XXXXXXXXXXXX~~ Agency Director



K0837

470-27th Street, Third Floor  
Oakland, California 94612  
(415) 874-7237

January 25, 1988

Mr. Tom Aitchison  
Tharco  
2222 Grant Ave.  
San Lorenzo, CA 94580

Dear Mr. Aitchison:

On January 19, 1988, Larry Seto, from our office, made an inspections of your plant located at the above address. At that time, he was informed that approximately 52 drums of waste ink have been on your property for more that 90 days, which is in violation of Section 66508, Title 22, California Administrative Code.

Please submit to our office, within 30 days of the receipt of this letter, your plan of correction. Your plan must include, but shall not be limited to the following:

1. Your EPA identification Number
2. Name of licensed hazardous waste hauler
3. Name of disposal site

If you have any questions, please contact Larry Seto, Hazardous Materials Specialist, at 874-7237.

Sincerely,

Rafat A. Shahid, Chief,  
Hazardous Materials Division

RAS:LS:mnc

cc: Dwight Hoenig, DOHS  
Gil Jensen, Alameda County District Attorney, Consumer & Environmental  
Protection Agency  
Larry Seto, HazMat Specialist