

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Ro# 852

StID 1742

May 7, 1998

Mrs. Frances Beddig
Beddig Properties
1408 San Clemente Wy
Sacramento, CA 95831

ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

RE: Well Decommission at 2964 Fruitvale Ave, Oakland, CA

Dear Mrs. Beddig:

This office and the San Francisco RWQCB have reviewed the case closure summary for the above referenced site and concur that no further action related to the underground tank release is required at this time. Before a remedial action completion letter is sent, the onsite monitoring wells (MW-1, MW-2, and MW-4) should be decommissioned, if they will no longer be monitored. Please notify this office upon completion of well destruction so a closure letter can be issued.

Well destruction permits may be obtained from Alameda County Flood Control and Water Conservation, Zone 7. They can be reached at (510) 484-2600.

Well destruction permits may be obtained from Alameda County Public Works. They can be reached at (510) 670-5575.

If you have any questions, I can be reached at (510) 567-6762.

Sincerely,

eva chu
Hazardous Materials Specialist

c: Misty Kaltreider
ACC
7977 Capwell Dr, Suite 100
Oakland, CA 94621

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0#852

December 18, 1997

Ms. Misty Kaltreider
ACC Consultants
7977 Capwell Drive, Suite 100
Oakland, CA - 94621

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

Ref: 2964 Fruitvale Avenue, Oakland, CA

Dear Ms. Kaltreider:

I am in receipt of a Final Risk Assessment Report, dated November 6, 1997, and a groundwater monitoring report, dated November 10, 1997, prepared by ACC Consultants for the above referenced project.

Based on the risk assessment results, the concentrations on site exceed the Tier 2 RBCA's Site Specific Screening Levels (SSTL's) for a commercial scenario for the exposure pathway "soil to indoor air". However, according to the closure document, based on the results of the vapor samples collected adjacent to the current building, which was non-detect for petroleum hydrocarbons, there was no risk to public health. This is true with respect to the areas adjacent to the building, but higher concentrations of benzene were found in soil samples collected from other areas of the site from where no vapor samples have been collected.

Hence, this Department recommends that the following be done:

If the site is maintained as in the current scenario (commercial with the one existing building) without any further development or changes, then this Department will approve closure provided the above mentioned restriction is recorded in the deed (deed notification). This is a mechanism by which the future owners, city planning departments, etc. can be informed of the site use restriction. This would necessitate a re-evaluation, if current site conditions change.

Or

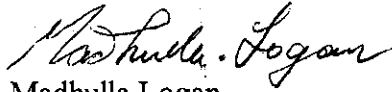
If you do not choose to place any restriction on the property, then additional vapor samples using Suma Canisters should be collected in other areas of the site, wherein significant concentrations of benzene was found in the soil and ground water samples. Subsequently, the results of the vapor sample can be used to evaluate the actual risk to public health.

Please inform this Department with regards to the option you have chosen within 15 days from the date of this letter. Submit a workplan if necessary (based on the option chosen) within 45 days from

the date of this letter. No field work should be initiated prior to workplan approval and notification.

If you have any questions, you may reach me at (510) 567-6764.

Sincerely,

A handwritten signature in cursive script that reads "Madhulla Logan".

Madhulla Logan
Hazardous Material Specialist

C: Francis Beddig, 5609 Glencrest Lane, Orangevale, CA - 95662

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0#852

March 11, 1997
STID 1742
page 1 of 2

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

Frances Beddig
5609 Glencrest Lane
Orangevale CA 95662

RE: former Save on Gas station, 2964 Fruitvale Ave., Oakland CA 94602

Dear Mrs. Beddig,

Since my last letter to you dated November 22, 1996, the following documents have been received in this office:

- 1) "Oxygen Releasing Compound Work Plan," prepared by ACC, dated 2/20/97; and
- 2) "Oxygen Releasing Compound Work Plan Addendum," prepared by ACC, dated 3/10/97.

The workplan involves drilling six Geoprobe borings, collecting soil samples for Tier 2 RBCA analyses parameters, injecting Oxygen Releasing Compound (ORC) into these borings, and installing an ORC sock into well MW1. With these documents considered together, **the workplan is approved.**

Please notify me at least 2 business days in advance of field work. If you have any questions, feel free to contact me directly at 510-567-6761.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Misty Kaltreider, ACC, 7977 Capwell Dr., Suite 100, Oakland CA 94621
J. Eberle/file

je.1742-C

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RO# 852

November 22, 1996
STID 1742
page 1 of 2

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700

Frances Beddig
5609 Glencrest Lane
Orangevale CA 95662

RE: former Save on Gas station, 2964 Fruitvale Ave., Oakland CA 94602

Dear Mrs. Beddig,

Since my last letter to you dated 7/19/95, the following documents have been received in this office:

- 1) "Quarterly Groundwater Investigation" report, prepared by ACC, dated August 1995;
- 2) "Groundwater Monitoring Report," prepared by ACC, dated 4/15/96; and
- 3) "Groundwater Monitoring Report," prepared by ACC, dated 9/24/96.

It appears that well MW-1 continues to exhibit elevated concentrations of TPH as gasoline and BTEX, while TEH is non-detect (ND). In particular, it appears that benzene concentrations are not decreasing. Well MW-2 continues to exhibit elevated concentrations of TPH as motor oil and TPH as diesel, while the TPH as gasoline and BTEX have decreased to ND concentrations. Luckily, the downgradient and offsite well MW-4 exhibits ND concentrations of all contaminants sought.

ACC's recommendation for introducing oxygen releasing compounds (ORCs) in shallow groundwater is acceptable. Please continue to monitor these wells on a biannual (twice per year) basis. Note that prior to groundwater sampling, the ORC should be removed from the well(s), and the wells should be purged until the dissolved oxygen (DO), pH, conductivity, and temperature are stabilized. The objective is to obtain a sample representative of the groundwater formation. After the ORC remediation has been completed, post-remediation groundwater monitoring should ensue for a minimum of one year.

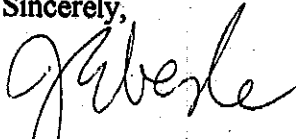
Since there are "residual" concentrations of soil contaminants that were left in place, **the risk to human health should be evaluated before this case can be closed.** One example of these soil contaminants left in place are the results of sampling conducted during the tank removals in 1989 (up to 21 mg/kg benzene). **This Department recommends that the risk be evaluated via a Tier 2 Risk Based Corrective Action (RBCA).** The Tier 1 is not applicable, since the depth to water at this site is an average of less than 10 feet. Computer software is available for the Tier 2 RBCA assessment.

November 22, 1996
STID 1742
page 2 of 2
Frances Beddig

The Tier 2 RBCA assessment will take into consideration the (future) use of the site: residential vs commercial, buildings or as is (parking lot). If the Tier 2 is done using the commercial scenario with the current site configuration (parking lot), the closure letter will be conditional for that use only. This means that if the site were to be used for residential building in the future, the risk would have to be re-evaluated. Therefore, it would be advisable to project the future use of the site before preparing the Tier 2 assessment. Please discuss this issue with your consultant.

If you have any questions, feel free to contact me directly at 510-567-6761.

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Misty Kaltreider, ACC, 1000 Atlantic Ave., Suite 110, Alameda CA 94501
J. Eberle/file

je.1742-B

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0852

RAFAT A. SHAHID, DIRECTOR

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

July 19, 1995
STID 1742

Frances Beddig
5609 Glencrest Lane
Orangevale CA 95662

RE: former Save on Gas station, 2964 Fruitvale Ave., Oakland CA 94602

Dear Mrs. Beddig,

Since my last letter to you dated 12/2/93, the following documents have been received in this office:

- 1) "Quarterly Groundwater Sampling, Product Level Report," prepared by ACC, dated November 1993
- 2) "Interim Remedial Action Including Soil Excavation," prepared by ACC, dated April 1994
- 3) letters from ACC dated 6/30/94 and 9/9/94, regarding the adjacent property owner, Jack and Teresa Kuang, at 2958 Fruitvale, and regarding access to install an additional monitoring well.
- 4) "Additional Soil and Groundwater Investigation, Well Installation" report, prepared by ACC, dated November 1994
- 5) "Quarterly Groundwater Investigation," report, prepared by ACC, dated January 1995
- 6) "Quarterly Groundwater Investigation," report, prepared by ACC, dated April 1995

In addition, our staff wrote field reports for site visits conducted on 2/2/94, 2/3/94. These field reports are also in the case file. I wrote a letter to the adjacent property owner, Jack and Teresa Kuang, at 2958 Fruitvale, dated 8/1/94, regarding access to install the additional monitoring well.

The April 1995 "Quarterly Groundwater Investigation" report, prepared by ACC requests that the sampling frequency be changed from quarterly to biannually (twice per year). **This request is acceptable.** The sampling should occur in spring and fall, in order to monitor the seasons with high and low groundwater elevations.

July 19, 1995
STID 1742
Frances Beddig
page 2 of 2

If you have any questions, feel free to contact me directly at 510-567-6761.

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Misty Kaltreider, ACC, 1000 Atlantic Ave., Suite 110, Alameda CA 94501
Tom Peacock/file

je.1742-A

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0852

~~R0892~~

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

August 1, 1994
STID 1742

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

Jack & Teresa Kuang
2958 Fruitvale Ave.
Oakland Ca 94602

RE: Save on Gas, 2964 Fruitvale Ave., Oakland 94602

Dear Mr. and Mrs. Kuang,

I understand that you are the property owner for the parcel of land adjacent to and south of the above referenced parcel. An environmental investigation has taken place over the last several years at the former Save on Gas site. Contamination has been identified in the soils and groundwater beneath the site. It appears that the contamination has spread offsite to neighboring properties. For this reason, the party responsible for the contamination (identified as Mrs. Frances Beddig) is required to pursue further environmental investigation offsite.

This involves installing one groundwater monitoring well on your property. You are requested to allow the consultant (ACC Environmental) access to your property for this purpose. ACC has sent you letters requesting access, and you have not responded. **Once again, you are requested to fill out both of the attached documents within 30 days or by September 1, 1994, and mail one copy to: ACC Environmental, 1000 Atlantic Ave., Suite 110, Alameda CA 94501.** You may keep the other copy for your records.

Please understand that if you refuse this request, you could be directed by the Regional Water Quality Control Board (RWQCB) under administrative order to pursue this attempt at investigation on your own, and at your own cost. Section 25289 of the California Health and Safety Code allows the local agency (Alameda County) to investigate releases within 2000 feet of an underground storage tank.

If you have any questions, please contact me at 510-567-6700, ext 6761. This is our new permanent phone number; our new fax number is 510-337-9335.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Jennifer Eberle'.

Jennifer Eberle
Hazardous Materials Specialist

cc: Misty Kaltreider, ACC Environmental, 1000 Atlantic Ave.,
Suite 110, Alameda CA 94501.

Ed Howell/file

je

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0852

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

December 2, 1993
STID 1742

Frances Beddig
1408 San Clemente Way
Sacramento CA 95831

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

RE: Save on Gas station
2964 Fruitvale Ave.
Oakland CA 94602

Dear Mrs. Beddig,

We are in receipt of the "Interim Remedial Action Work Plan," prepared by ACC Environmental Consultants, dated November 1993. This workplan involves the removal of soil contaminated with hydrocarbons in the vicinity of the former hydraulic lift. This workplan is found acceptable, with the understanding that the Total Extractable Petroleum Hydrocarbons (TEPH) analysis includes diesel, kerosene and motor oil. This was discussed via telephone between Misty Kaltreider of ACC and myself on this date.

We are also in receipt of 1) the 9/30/93 letter report by ACC, documenting results of product measurement and removal; and 2) the August 1993 "Quarterly Groundwater Sampling and Hydraulic Lift Removal" report by ACC.

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

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Misty Kaltreider, ACC Environmental Consultants, 1000
Atlantic Ave., Suite 110, Alameda CA 94501
Ed Howell/file

je

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

R0852

August 16, 1993
STID 1742

Frances Beddig
1408 San Clemente Way
Sacramento CA 95831

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

RE: Save on Gas station
2964 Fruitvale Ave.
Oakland CA 94602

Dear Mrs. Beddig,

Thank you for the "Quarterly Groundwater Sampling" report, prepared by ACC Environmental Consultants, dated June 1993. This report documents the sampling of groundwater on 5/4/93. Concentrations in MW2 remained non-detectable this quarter. However, hydrocarbons were detected in MW1 and MW3. Maximum concentrations detected were 5,400 ppb TPH-g, 1,400 ppb benzene, and 2,100 ppb O&G.

I am also in receipt of laboratory results for further soil investigation and sampling conducted on 8/9/93. These hydrocarbon concentrations are as high as 780 ppm. The contaminated soil is likely the source of groundwater contamination. Therefore, we request that you remove this contaminated soil.

Lastly, I am in receipt of a letter from ACC dated 8/16/93, which indicates that 3 inches of free product floating on the groundwater surface was observed in MW3. We therefore request weekly bailing of the free product as an interim remedial measure. Monthly progress reports regarding free product should be submitted until further notice.

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

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Misty Kaltreider, ACC Environmental Consultants, 1000
Atlantic Ave., Suite 110, Alameda CA 94501
Ed Howell/file

je

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0852

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

May 4, 1993
STID 1742

Frances Beddig
1408 San Clemente Way
Sacramento CA 95831

RE: Save on Gas
2964 Fruitvale Av.
Oakland CA 94602

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

Dear Mrs. Beddig,

Thank you for the "Phase II Subsurface Investigation" workplan, prepared by ACC Environmental Consultants, dated April 1993. This workplan involves the installation and sampling of five to seven borings, and one groundwater monitoring well. The purpose of this investigation is to further evaluate the extent of impacted soil and groundwater.

This workplan is found to be acceptable for implementation. Please advise me at least two business days in advance of field activities.

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

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Misty Kaltreider, ACC Environmental Consultants, 1000
Atlantic Ave., Suite 110, Alameda CA 94501
Rich Hiatt, RWQCB
Ed Howell/File

je 1742-A

SACRAMENTO COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

R0852

March 5, 1993
STID 1742

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

Frances Beddig
1408 San Clemente Way
Sacramento CA 95831

RE: Save on Gas
2964 Fruitvale Av.
Oakland CA 94602

Dear Mrs. Beddig,

We have received the "Soil and Groundwater Investigation," prepared by ACC Environmental Consultants, dated February 1993. This report presents the findings of recent soil borings and monitoring wells and their sampling/analysis.

Up to 54.6 ppm TPH-g and 11.0 ppm benzene were detected in soil (B-6-10), and up to 3,425 ppm Oil & Grease was detected in soil (B-2-7). Groundwater contained 1,800 ppb TPH-g, 83.1 ppb benzene, and 28,000 ppb Oil & Grease (MW-3).

Groundwater flowed north-northwest on 1/13/93. During a telephone conversation with Misty Kaltreider on 3/4/93, she indicated that she conducted another round of depth to water (DTW) monitoring on 3/3/93. Preliminary calculations indicated that groundwater flowed west on that date. Due to the artesian conditions at the site, Ms. Kaltreider planned to conduct monthly DTW measurements; we agree, and request that this be continued for at least 6 months. At that time, site hydrology can be evaluated.

The February 1993 ACC report concludes that the soil and groundwater contamination needs to be further delineated. We agree with this conclusion and therefore **request a workplan for a Phase II subsurface investigation.** In addition, significant concentrations of Oil & Grease were encountered in both soils and groundwater in the vicinity of the hydraulic lift (B-2 and MW-3). During a telephone conversation with Misty Kaltreider on 3/4/93, she indicated that there is a pipe rising out of the subsurface near MW-3 which contains oil. It is possible that a waste oil tank exists in this area or another area onsite. The hydraulic lift tank may also be a source of the Oil & Grease contamination. In either case, we request that you **determine the source of the Oil & Grease contamination and present a proposal for its remediation.** Please submit a proposal which addresses both of these issues within 45 days, or by April 20, 1993.


Frances Beddig
STID 1742
March 5, 1993
page 2 of 2

All work should adhere to a) the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, dated 8/10/90; b) the State Water Resources Control Board LUFT Field Manual; and c) Article 11 of Title 23, California Code of Regulations. Reports and proposals must be submitted **under seal** of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer. All reports and documents pertaining to this investigation should also be sent to:

Rich Hiett
San Francisco Bay Region
Regional Water Quality Control Board
2101 Webster St., Ste 500
Oakland CA 94612

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

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Misty Kaltreider, ACC Environmental Consultants, 1000
Atlantic Ave., Suite 110, Alameda CA 94501
Rich Hiett, RWQCB
Ed Howell/File

je

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0852

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

December 4, 1992

STID 1742

Frances Beddig
1408 San Clemente Way
Sacramento CA 95831

RE: Save on Gas
2964 Fruitvale Av.
Oakland CA 94602

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

Dear Mrs. Beddig,

We have received the "Proposal for Soil and Groundwater Investigation," prepared by ACC Environmental Consultants, under cover letter dated 11/30/92. The proposal is generally acceptable for implementation, with the following conditions:

1. The site-specific health and safety plan, included as Appendix D, must be amended to include the site safety officer, name, address and phone number of nearest hospital emergency room, map of hospital route, and on-site or nearest telephone number.
2. One of the two proposed soil borings should be moved closer to the hydraulic lift, preferably within five feet of the lift.
3. The proposed groundwater monitoring well, located in the southwest corner of the site, should be moved closer to the hydraulic lift, so as to create a more equilateral triangle between the three wells. This will provide a more accurate groundwater gradient.
4. Materials produced from the drilling of the soil borings (drill cuttings) and from the purging of the wells (purge water) must be properly characterized and disposed. Analytical results and receipts from disposal must be provided to this office.

We anticipate site activities to begin within 40 days, or by January 14, 1993. Please notify me at least 3 business days in advance of field activities.

Frances Beddig
STID 1742
page 2 of 2
December 4, 1992

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

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Mark Dana, ACC Environmental Consultants, 1000 Atlantic
Ave., Suite 110, Alameda CA 94501
Rich Hiett, RWQCB
Ed Howell/File

je

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



R0852

DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

Certified Mailer # P 113 815 182

October 14, 1992

STID 1742

Harry & Frances Beddig
1408 San Clemente Way
Sacramento CA 95831

RE: Save on Gas
2964 Fruitvale Av.
Oakland CA 94602

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

Dear Mr. & Mrs. Beddig,

As you are likely aware, five gasoline underground storage tanks (USTs) were removed from the above referenced site in June 1989. Soil sampled during the removal contained concentrations up to 1700 parts per million (ppm) Total Petroleum Hydrocarbons as gasoline (TPH-g) and up to 21 ppm benzene.

Your consultant, Groundwater Technology, prepared a "Site Investigation" report dated 10/5/89. This report documented the installation of four soil borings and one groundwater monitoring well. Soil sampled from the borings contained concentrations up to 610 ppm TPH-g and 3 ppm benzene. Groundwater sampled from the well contained 6100 parts per billion (ppb) TPH-g and 1800 ppb benzene.

We are particularly concerned by the apparent impact to groundwater at this site. Case closure is based on four consecutive quarters of nondetectable concentrations of contaminants in groundwater, in addition to soil remediation. Therefore, groundwater sampling will have to be resumed. However, it is unclear what the distance is between the well and the former USTs, as per the 10/5/89 "Site Investigation" report. Groundwater monitoring wells must be placed within 10 feet of the former USTs in the **verified downgradient direction**, as per the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, dated 8/10/90. Therefore, we request that you a) submit a site map with the proper scale so we can determine the distance to the well, and b) provide documentation as to groundwater flow direction using nearby wells **within 45 days or by November 29, 1992**. Contaminated soil may be the source of the groundwater contamination. The extent of soil contamination must be defined. Therefore, we also request that you submit a proposal to define soil contamination and to remediate affected soil **within 45 days or by November 29, 1992**.

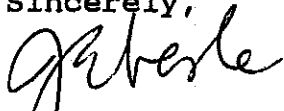
Harry & Frances Beddig
STID 1742
Page 2 of 2
October 14, 1992

All work should adhere to a) the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, dated 8/10/90; b) the State Water Resources Control Board LUFT Field Manual; and c) Article 11 of Title 23, California Code of Regulations. Reports and proposals must be submitted under seal of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer. All reports and documents pertaining to this investigation should also be sent to:

Rich Hiett
San Francisco Bay Region
Regional Water Quality Control Board
2101 Webster St., Ste 500
Oakland CA 94612

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

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Glen Mitchell, Groundwater Technology, 4057 Port Chicago
Hwy, Concord CA 94520
Rich Hiett, RWQCB
Ed Howell/File

je

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0852

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

September 12, 1989

Mr. & Mrs. Harry Beddig
Beddig Properties
1408 San Clemente Way
Sacramento, CA 95831

RE: 2964 Fruitvale Ave., Oakland, CA

Dear Mr. & Mrs. Beddig:

Your investigation plan dated September 6, 1989, that was prepared by Groundwater Technology, Inc., has been accepted.

If you have any questions, please contact Larry Seto, Sr. Hazardous Materials Specialist, at (415) 271-4320.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Rafat A. Shahid'.

Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:LS:mnc

cc: RWQCB
Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency
Doug Krause, DOHS
Larry Seto, Alameda County Hazardous Materials
Files