

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0909

StID 2871

May 14, 1999

Ms. Karen Petryna
Equiva Services
P.O. Box 8080
Martinez, CA 94558

ENVIRONMENTAL HEALTH SERVICES

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

**SUBJECT: INTENT TO MAKE A DETERMINATION THAT NO FURTHER ACTION IS REQUIRED
OR ISSUE A CLOSURE LETTER FOR FOR 2730 OLD FIRST STREET, LIVERMORE, CA**

Dear Ms. Petryna:

This letter is to inform you that Alameda County Environmental Protection (LOP) intends to make a determination that no further action is required at the above site or to issue a closure letter. Please notify this agency of any input and recommendations you may have on these proposed actions within 20 days of the date of this letter.

In accordance with section 25297.15 of Ch. 6.7 of the Health & Safety Code, you must provide certification to the local agency that all of the current record fee title owners have been informed of the proposed action. Please provide this certification to this office within 20 days of the date of this letter.

If you have any questions about these proposed actions, please contact Ms. eva chu at (510) 567-6762.

Sincerely,

Thomas Peacock
Supervising Hazardous Materials Specialist

c: Chuck Headlee, RWQCB
Livermore-Pleasanton Fire Department

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO#909

StID 2871

March 23, 1999

Mr. Dale Gansberger
1038 Apache Street
Livermore, CA 94550

Ms. Karen Petryna
Equiva Services
P.O. Box 8080
Martinez, CA 94553

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

RE: Well Decommission at 2730 Old First Street, Livermore, CA

Dear Mr. Gansberger and Ms. Petryna:

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 through MW-6) 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 (925) 484-2600.

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

Sincerely,

eva chu
Hazardous Materials Specialist

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

20909

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

StID 2871

January 31, 1997

Ms. Deborah Pryor
Texaco
10 Universal City Plaza, 7th Fl
Universal City, CA 91608

RE: Reduced Sampling Frequency at 2730 Old First St, Livermore

Dear Ms. Pryor:

I have completed review of Texaco's Groundwater Monitoring and Sampling, Fourth Quarter, 1996 report for the above referenced site. There is adequate data available at this time to reduce the sampling frequency of the groundwater monitoring wells to :

1. Semi-annual sampling (first and third quarters) of wells MW-3, MW-4;
2. Annual sampling (first quarter) of wells MW-1, MW-2, MW-5; and,
3. Discontinue sampling of well MW-6.

The revised sampling schedule may be implemented as soon as possible.

In March 1996 this office approved a workplan proposing to advance at least two borings for the collection of "grab" groundwater samples to delineate the lateral and downgradient extent of the contaminant plume at the site. Field work was to have commenced by May 7, 1996. To date we have not received confirmation that this work has been completed. If the workplan has not been implemented, field work should commence as soon as possible.

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

eva chu
Hazardous Materials Specialist

c: Karen Petryna, Texaco, 108 Cutting Blvd, Richmond, CA 94804

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO#909
RAFAT A. SHAHID, DIRECTOR

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

StID 2871

March 7, 1996

Mr. Marvin Katz
Texaco Environmental Services
108 Cutting Blvd
Richmond, CA 94804

RE: Workplan Approval for 2730 Old First Street, Livermore, CA

Dear Mr. Katz:

I have completed review of Texaco's February 1996 Workplan for Additional Site Assessment for the above referenced site. The proposal to advance at least two borings to groundwater and collect "grab" groundwater samples to delineate the lateral and downgradient extent of the contaminant plume is acceptable. And, if additional groundwater monitoring wells are needed, a future workplan will be provided showing the proposed locations.

Field work should commence within 60 days of the date of this letter. Please provide 72 hours advance notice of the start of field activities.

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

eva chu
Hazardous Materials Specialist

cc: Dale Gansberger, 1038 Apache Street, Livermore 94550
files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO# 909

ARNOLD PERKINS, DIRECTOR
RAFAT A. SHAHID, DEPUTY DIRECTOR

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

(510)567-6700

fax: (510)337-9335

StID 2871

January 9, 1996

Mr. Marvin Katz
Texaco Environmental Services
108 Cutting Blvd
Richmond, CA 94804

RE: Plume Delineation at 2730 Old First Street, Livermore CA

Dear Mr. Katz:

I have reviewed the results of groundwater monitoring performed by Blaine Tech Services, Inc on November 11, 1995 for the above referenced site. During this quarter monitoring well MW-4 detected up to 2,600 ppb benzene. Hence, it appears the contaminant plume has migrated offsite. At this time, additional investigations are required to delineate the extent of the plume. A workplan for this phase of investigation is due within 60 days of the date of this letter, or by **March 11, 1996**.

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

eva chu
Hazardous Materials Specialist

*MY*cc: Karen Petryna, Texaco
files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0909

RAFAT A. SHAHID, Assistant Agency Director

StID 2871

February 7, 1995

Mr. Tom Hargett
Texaco
10 Universal City Plaza
Universal City, CA 91608

ALAMEDA COUNTY-ENV. HEALTH DEPT.
ENVIRONMENTAL PROTECTION DIV.
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577
(510)567-6700

**RE: Workplan Approval for Former Texaco Facility at 2730 Old
First Street, Livermore 94550**

Dear Mr. Hargett:

I have completed review of Texaco's February 2, 1994 Workplan for Additional Site Characterization for the above referenced site. The proposal to advance six soil borings and converting three into groundwater monitoring wells to delineate the extent of soil and groundwater contamination at this site is acceptable. Field work should commence within 60 days of the date of this letter, or **by April 10, 1995**. Please notify me at least 72 hours prior to the start of field activities.

Be advised that the clay layer found at 25 to 30' depth in various soil borings may not act as an aquitard, and groundwater found at depths greater than 30' may be connected to the "perched water" found at 20 to 25' depth. Please use your best professional judgement when screening the wells.

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

eva chu
Hazardous Materials Specialist

cc: Dale Gansberger, 1038 Apache St, Livermore 94550
files

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0909

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

StID 2871

June 7, 1994

Ms. Karel Detterman
Texaco
108 Cutting Blvd
Richmond, CA 94804

Subject: QMR for 2730 Old First Stree, Livermore 94550

Dear Ms. Detterman:

I have completed review of laboratory analytical results of groundwater taken in March 1994 for the above referenced site. Wells MW-2 and MW-3 show elevated levels of TPH-G and BTEX. Groundwater flow direction has fluctuated from the west to the northeast. At this time, a monthly measurement of groundwater elevation should be taken to verify gradient/flow direction. Also, the next sampling event should be in June 1994. The next quarterly monitoring report (QMR) is due 45 days after completion of field activities. Monthly groundwater elevation data should also be included in the QMRs. Once gradient has been verified, additional downgradient monitoring wells may be required to delineate the extent of the groundwater contaminant plume.

If you have any questions, I can be reached at (510) 271-4530.

Sincerely,

eva chu
Hazardous Materials Specialist

cc: Marvin Katz, Texaco, 10 Universal City Plaza, Universal
City, CA 91608
Dale Gansberger, 1038 Apache St, Livermore 94550
files

gansbgr7

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0909

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

StID 2871

May 25, 1994

Mr. Marvin Katz
Texaco Environmental Services
10 Universal City Plaza
Universal City, CA 91608

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

SECOND NOTICE OF VIOLATION

Dear Mr. Katz:

On January 6, 1994, the Alameda County Department of Environmental Health, Hazardous Materials Division, sent you a letter requesting technical reports detailing the work performed at each quarterly groundwater monitoring event at **2730 Old First Street, Livermore**. As of the date of this letter, however, we have not received a report for the sampling event which was to have taken place in January 1994. Therefore, this letter constitutes a **Second Notice** that you are in violation of specific laws and that the technical report is due.

Failure to furnish technical reports regarding documented or potential groundwater contamination violates Section 13267(b) of the California Water Code. The Regional Water Quality Control Board (RWQCB) can impose civil penalties of up to \$1,000 per day that such a violation continues.

You are required to submit the technical reports for the site to this office within 15 days from the date of this letter. **Failure to respond may result in referral of this case to the RWQCB or Alameda County District Attorney to consider for enforcement action. Modification of required tasks or extensions of stated deadlines must be confirmed in writing by either this agency or the RWQCB.**

If you have any questions, I can be reached at (510) 271-4530.

eva chu
Hazardous Materials Specialist

cc: Gil Jensen, Alameda County District Attorney's Office
Dale Gansberger, 1038 Apache St, Livermore 94550
files

gansbgr6

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0909

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

StID 2871

January 6, 1994

Mr. Marvin Katz
Texaco Environmental Services
10 Universal City Plaza
Universal City, CA 91608

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

Subject: QMR for 2730 Old First St., Livermore 94550

Dear Mr. Katz:

I have completed review of GeoResearch's November 1993 report of the Installation of Soil Borings and Groundwater Wells and RESNA's Fourth Quarter 1993 Groundwater Monitoring Report for the above referenced site. At this time, a quarterly groundwater monitoring schedule should be implemented for this site. Technical summary reports documenting each well sampling and monitoring episode are also due quarterly. This schedule shall continue until further notice. If groundwater samples continue to exhibit elevated levels of petroleum hydrocarbons, additional investigations will be required to delineate the contaminated plume. The next sampling event should take place in January 1994.

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

Sincerely,

eva chu
Hazardous Materials Specialist

cc: Dale Gansberger, 1038 Apache St., Livermore 94550
files

gansbgr5

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

R0909

StID 2871

August 4, 1993

Mr. Marvin Katz
Texaco Environmental Services
10 Universal City Plaza
Universal City, CA 91608

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

**Subject: Workplan Approval for Additional Site Assessment at
2730 Old First St., Livermore, CA 94550**

Dear Mr. Katz:

I have completed review of your Revised Workplan for Additional Site Assessment for the above referenced site. The proposed plan to advance additional soil borings and install three groundwater monitoring wells to determine the extent of soil and groundwater contamination is acceptable. Field work should begin **within 45 days of the date of this letter**. Please notify this office 48 hours prior to the start of field activity. If you have any questions, please contact me at (510) 271-4530.

Sincerely,

eva chu
Hazardous Materials Specialist

cc: Dale Gansberger, 1038 Apache St., Livermore, CA 94550
James Earhart, P.O.Box 971, Blue Lake, CA 95525
files

gansbgr4

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0909

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

StID 2871

July 23, 1993

Mr. Marvin Katz
Texaco Environmental Services
10 Universal City Plaza
Universal City, CA 91608

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

**Subject: Workplan Amendment for 2730 Old First St., Livermore, CA
94550**

Dear Mr. Katz:

I have completed review of Texaco's Workplan for Additional Site Assessment, dated July 15, 1993, for the above referenced site. And having reviewed the file it appears that the extent of soil contamination east of the tank pit has not been delineated. The workplan submitted as is, will not fully characterized the extent of soil contamination. Please submit an amended workplan (or site plan) **within 30 days of the date of this letter**, for additional soil borings east of the tank pit. Also bear in mind that one monitoring well is required within 10-20 feet of the tank pit in the verified downgradient direction.

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

A handwritten signature in cursive script, appearing to read 'eva chu'.

eva chu
Hazardous Materials Specialist

cc: Dale Gansberger, 1038 Apache St., Livermore, CA 94550
Dan McCarrel, Texaco, P.O.Box 7812, Universal City, CA
91608
James Earhart, P.O.Box 971, Blue Lake, CA 95525

gansbgr3

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0909

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

StID 2871

December 4, 1992

Mr. Dale Gansberger
1038 Apache St.
Livermore, CA 94550

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

[REDACTED]

James Earhart
1984 Ivey Lane
P.O.Box 971
Blue Lake, CA 95525

**Subject: Additional Investigation for 2730 Old First St.,
Livermore, CA 94550**

Dear Sirs:

This office has reviewed the file for the above referenced site. When five underground storage tanks (USTs) were removed in June 1990, initial soil samples exhibited up to 35 parts per million (ppm) total petroleum hydrocarbons as gasoline (TPH-G). Mr. Gil Wistar of this office requested additional soil investigation be undertaken because of significant contamination noted during the UST removal.

In September 1990 three soil borings were advanced in the UST pit. Soil contamination was found at a depth of 20-25 feet and also at 45 feet at the southeast corner of the former fuel pit. Three additional soil borings were advanced to determine the extent of soil contamination. One groundwater grab sample was taken from boring G-2, exhibiting 53 ppm TPH-G and 340 parts per billion (ppb) benzene.

It appears from the work performed to date that the lateral extent of soil contamination has been delineated. The water sample taken from boring G-2 show that groundwater may be impacted as a result of the unauthorized release of petroleum hydrocarbons at this site.

Further groundwater investigation is required at this time to determine the extent and severity of groundwater contamination, if any. A soil and water investigation (SWI) workplan detailing work intended to assess groundwater contamination is due within 45 days of the date of this letter. Information gathered from

Re: 2730 Old First St., Livermore
December 4, 1992


Page 2

the groundwater assessment will be used to determine an appropriate course of action to remediate the site. The proposed work must be conducted in accordance with the RWQCB Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks, the State Water Resources Control Board LUFT Field Manual, and Article 11 of Title 23, California Code of Regulations. The major elements of such an investigation are summarized in the attached Appendix A.

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. Copies of all proposals and reports must also be sent to Mr. Eddy So of the RWQCB.

Should you have any questions about the content of this letter, please contact me at (510) 271-4530.

Sincerely,



Eva Chu
Hazardous Materials Specialist

enclosure

cc: Eddy So, RWQCB
Ron Zielinski, Texaco, 108 Cutting Blvd., Richmond, CA,
94804
Jonathan Redding, 1221 Broadway, 21st Floor, Oakland, CA,
94612
Gil Jensen, Alameda County District Attorney's Office
Danielle Stefani, Livermore Fire Department
Edgar Howell/files

gansbgr2

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0909

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

StID 2871

December 4, 1992

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

[REDACTED]

Dan McCarrel
Texaco, P.O.Box 7812
Universal City, CA, 91608

James Earhart
1984 Ivey Lane
P.O.Box 971
Blue Lake, CA 95525

**Subject: Additional Investigation for 2730 Old First St.,
Livermore, CA 94550**

Dear Sirs:

This office has reviewed the file for the above referenced site. When five underground storage tanks (USTs) were removed in June 1990, initial soil samples exhibited up to 35 parts per million (ppm) total petroleum hydrocarbons as gasoline (TPH-G). Mr. Gil Wistar of this office requested additional soil investigation be undertaken because of significant contamination noted during the UST removal.

In September 1990 three soil borings were advanced in the UST pit. Soil contamination was found at a depth of 20-25 feet and also at 45 feet at the southeast corner of the former fuel pit. Three additional soil borings were advanced to determine the extent of soil contamination. One groundwater grab sample was taken from boring G-2, exhibiting 53 ppm TPH-G and 340 parts per billion (ppb) benzene.

It appears from the work performed to date that the lateral extent of soil contamination has been delineated. The water sample taken from boring G-2 show that groundwater may be impacted as a result of the unauthorized release of petroleum hydrocarbons at this site.

Further groundwater investigation is required at this time to determine the extent and severity of groundwater contamination, if any. A soil and water investigation (SWI) workplan detailing work intended to assess groundwater contamination is due **within 45 days of the date of this letter**. Information gathered from

Re: 2730 Old First St., Livermore
December 4, 1992

Page 2

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Should you have any questions about the content of this letter, please contact me at (510) 271-4530.

Sincerely,



Eva Chu
Hazardous Materials Specialist

enclosure

cc: Eddy So, RWQCB
Ron Zielinski, Texaco, 108 Cutting Blvd., Richmond, CA,
94804
Jonathan Redding, 1221 Broadway, 21st Floor, Oakland, CA,
94612
Gil Jensen, Alameda County District Attorney's Office
Danielle Stefani, Livermore Fire Department
Edgar Howell/files

gansbgr2

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0909

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

StID 2871

December 4, 1992

Mr. Dale Gansberger
1038 Apache St.
Livermore, CA 94550

Dan McCarrel
Texaco, P.O.Box 7812
Universal City, CA, 91608

James Earhart
1984 Ivy Lane
P.O.Box 971
Blue Lake, CA 95525

**Subject: Additional Investigation for 2730 Old First St.,
Livermore, CA 94550**

Dear Sirs:

This office has reviewed the file for the above referenced site. When five underground storage tanks (USTs) were removed in June 1990, initial soil samples exhibited up to 35 parts per million (ppm) total petroleum hydrocarbons as gasoline (TPH-G). Mr. Gil Wistar of this office requested additional soil investigation be undertaken because of significant contamination noted during the UST removal.

In September 1990 three soil borings were advanced in the UST pit. Soil contamination was found at a depth of 20-25 feet and also at 45 feet at the southeast corner of the former fuel pit. Three additional soil borings were advanced to determine the extent of soil contamination. One groundwater grab sample was taken from boring G-2, exhibiting 53 ppm TPH-G and 340 parts per billion (ppb) benzene.

It appears from the work performed to date that the lateral extent of soil contamination has been delineated. The water sample taken from boring G-2 show that groundwater may be impacted as a result of the unauthorized release of petroleum hydrocarbons at this site.

Further groundwater investigation is required at this time to determine the extent and severity of groundwater contamination, if any. A soil and water investigation (SWI) workplan detailing work intended to assess groundwater contamination is due **within 45 days of the date of this letter**. Information gathered from

Re: 2730 Old First St., Livermore
December 4, 1992

Page 2

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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. Copies of all proposals and reports must also be sent to Mr. Eddy So of the RWQCB.

Should you have any questions about the content of this letter, please contact me at (510) 271-4530.

Sincerely,



Eva Chu
Hazardous Materials Specialist

enclosure

cc: Eddy So, RWQCB
Ron Zielinski, Texaco, 108 Cutting Blvd., Richmond, CA,
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Edgar Howell/files

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ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

R0909

StID 2871

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

November 19, 1992

Mr. Dale Gansberger
1038 Apache St.
Livermore, CA 94550

**Subject: Additional Investigation for 2730 Old First St.,
Livermore, CA 94550**

Dear Mr. Gansberger:

This office has reviewed the file for the above referenced site. When five underground storage tanks (USTs) were removed in June 1990, initial soil samples exhibited up to 35 parts per million (ppm) total petroleum hydrocarbons as gasoline (TPH-G). Mr. Gil Wistar of this office requested additional soil investigation be undertaken because of significant contamination noted during the UST removal.

In September 1990 three soil borings were advanced in the UST pit. Soil contamination was found at a depth of 20-25 feet and also at 45 feet at the southeast corner of the former fuel pit. Three additional soil borings were advanced to determine the extent of soil contamination. One groundwater grab sample was taken from boring G-2, exhibiting 53 ppm TPH-G and 340 parts per billion (ppb) benzene.

It appears from the work performed to date that the lateral extent of soil contamination has been delineated. The water sample taken from boring G-2 show that groundwater may be impacted as a result of the unauthorized release of petroleum hydrocarbons at this site.

Further groundwater investigation is required at this time to determine the extent and severity of groundwater contamination, if any. A workplan detailing work intended to assess groundwater contamination is due **within 45 days of the date of this letter**. Information gathered from the groundwater assessment will be used to determine an appropriate course of action to remediate the site. The proposed work must be conducted in accordance with the RWQCB Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks, the State Water Resources Control Board LUFT Field Manual, and Article 11 of Title 23, California Code of Regulations. The major elements of such an investigation are summarized in the attached Appendix A.

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

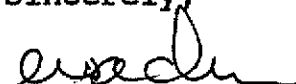
Dale Gansberger
Re: 2730 Old First St., Livermore
November 19, 1992

Page 2

agency or the RWQCB. Copies of all proposals and reports must also be sent to Mr. Eddy So of the RWQCB.

Should you have any questions about the content of this letter, please contact me at (510) 271-4530.

Sincerely,



Eva Chu
Hazardous Materials Specialist

enclosure

cc: Eddy So, RWQCB
Ron Zielinski, Texaco, 108 Cutting Blvd., Richmond, CA,
94804
Dan McCarrel, Texaco, P.O.Box 7812, Universal City, CA,
91608
Jonathan Redding, 1221 Broadway, 21st Floor, Oakland, CA,
94612
James Earhart, 1984 Ivey Lane, Blue Lake, CA 95525
Gil Jensen, Alameda County District Attorney's Office
Danielle Stefani, Livermore Fire Department
Edgar Howell/files

gansbgr

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0909

June 27, 1990

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

Mr. Dennis Gansberger
21929 Delores St.
Castro Valley, CA 94546

**Re: Unauthorized release from underground storage tanks, 2730 Old
First St., Livermore**

Dear Mr. Gansberger:

As you know, on June 5, 1990, the Alameda County Department of Environmental Health, Hazardous Materials Division witnessed the removal of five underground storage tanks from the above location. During the removal, significant hydrocarbon contamination was noted in the soil beneath at least three of the five tanks. This situation, in combination with the relatively permeable soils at the site, may have resulted in contaminant migration through the subsurface. Under these circumstances, the San Francisco Bay Regional Water Quality Control Board (RWQCB) requires further subsurface investigations to occur. Title 23 of the California Code of Regulations requires all unauthorized releases, such as from the underground tanks at this site, to be reported.

Therefore, please submit an unauthorized release report to this office immediately; you must now also initiate further investigation and/or cleanup activities at this site.

This office will be the lead agency overseeing environmental investigation and cleanup activities at the site. The RWQCB is currently unable to manage the large number of fuel leak cases within Alameda County, and has therefore delegated this authority to our office. However, you need to keep the Water Board apprised of all actions taken to characterize and remediate contamination at this site, because the Board retains the ultimate responsibility for ensuring protection of waters of the state.

As a first step in the environmental investigation, you must conduct a preliminary assessment to determine the extent, if any, of additional soil and groundwater contamination resulting from the leaking tank system. The information gathered by this investigation will be used to assess the need for additional actions at the site. The preliminary assessment should be designed to provide all of the information in the format shown in the attachment at the end of this letter, which is based on RWQCB guidelines. You should be prepared to install one monitoring well, if you can verify the direction of groundwater flow in the immediate vicinity of the contaminated pit, and three wells if you cannot.

Mr. Dennis Gansberger
June 27, 1990
Page 2 of 2

Until cleanup is complete, you will need to submit reports to this office and to the RWQCB every three months (or at a more frequent interval, if specified at any time by either agency). These reports must include information pertaining to further investigative results; the methods and costs of cleanup actions implemented to date; and the method and location of disposal of any contaminated material.

Soils contaminated at hazardous waste concentrations (defined specifically as above 1,000 ppm hydrocarbons) should be transported by a licensed hazardous waste hauler and disposed of or treated at a facility approved by the California Department of Health Services. Soils contaminated below the hazardous waste threshold may be managed as nonhazardous, but are still subject to the RWQCB's waste discharge requirements. Copies of manifests for such disposal must be sent to this office. Stockpiled soil originally excavated from the tank pits may not be used for backfill without authorization from this office.

Please submit a work plan to this office by July 27, 1990. Copies of the proposal should also be sent to the RWQCB (attention: Lester Feldman). Because we are overseeing this site under the designated authority of the Water Board, this letter constitutes a formal request for technical reports, per Sec. 13267(b) of the California Water Code. Failure to respond in a timely manner could result in civil liabilities under the Water Code of up to \$1,000 per day. Other violations of California law may also be cited.

If you have any questions about this letter or about remediation requirements established by the RWQCB, please contact the undersigned at 271-4320.

Sincerely,

Gilbert M. Wistar

Gil Wistar
Hazardous Materials Specialist

enclosure

cc: Howard Hatayama, DOHS
Lester Feldman, San Francisco Bay RWQCB
Gil Jensen, District Attorney, Alameda County Consumer and
Environmental Protection Division
Rafat Shahid, Asst. Agency Director, Environmental Health
files

WORK PLAN REQUIREMENTS FOR AN INITIAL SUBSURFACE INVESTIGATION

This outline should be followed by professional engineering or geologic consultants in preparing work plans to be submitted to the RWQCB and local agencies. Work plans must be signed by a California-registered engineer or geologist.

This outline should be referred to in context with the "Regional Board Staff Recommendations for Initial Evaluation and Investigation of Underground Tanks" (June 2, 1988).

PROPOSAL FORMAT**I. Introduction**

- A. State the scope of work
- B. Provide information on site location, background, and history
 1. Describe the type of business and associated activities that take place at the site, including the number and capacity of operating tanks.
 2. Describe previous businesses at the site.
 3. Provide other tank information:
 - number of underground tanks, their uses, and construction material;
 - filing status and copy of unauthorized release form, if not previously submitted;
 - previous tank testing results and dates, including discussion of inventory reconciliation methods and results for the last three years.
 4. Other spill, leak, and accident history at the site, including any previously removed tanks.

II. Site Description

- A. Describe the hydrogeologic setting of the site vicinity
- B. Prepare a vicinity map (including wells located on-site or on adjoining lots, as well as any nearby streams)
- C. Prepare a site map
- D. Summarize known soil contamination and results of excavation
 1. Provide results in tabular form and show location of all soil samples (and water samples, if appropriate).

Sample dates, the identity of the sampler, and signed laboratory data sheets need to be included, if not already in possession of the County.

2. Describe any unusual problems encountered.
3. Describe methods for storing and disposing of all contaminated soil.

III. Plan for Determining Extent of Soil Contamination

A. Describe method for determining the extent of contamination within the excavation

B. Describe sampling methods and procedures to be used

1. If a soil gas survey is planned, then:

- identify number of boreholes, locations, sampling depths, etc.;
- identify subcontractors, if any;
- identify analytical methods;
- provide a quality assurance plan for field testing.

2. If soil borings are to be used to determine the extent of soil contamination, then:

- identify number, location (mapped), and depth of the proposed borings;
- describe the soil classification system, soil sampling method, and rationale;
- describe the drilling method for the borings, including decontamination procedures;
- explain how borings will be abandoned.

C. Describe how clean and contaminated soil will be differentiated, and describe how excavated soil will be stored and disposed of. If on-site soil aeration is to be used, then describe:

1. The volume and rate of aeration/turning;
2. The method of containment and cover;
3. Wet-weather contingency plans;
4. Results of consultation with the Bay Area Air Quality Management District.

Other on-site treatments (such as bioremediation) require permits issued by the RWQCB. Off-site storage or treatment also requires RWQCB permits.

- D. Describe security measures planned for the excavated hole and contaminated soil

IV. Plan for Characterizing Groundwater Contamination

Construction and placement of wells should adhere to the requirements of the "Regional Board Staff Recommendations for Initial Evaluation and Investigation of Underground Tanks."

- A. Explain the proposed locations of monitoring wells (including construction diagrams), and prepare a map to scale
- B. Describe the method of monitoring well construction and associated decontamination procedures
1. Expected depth and diameter of monitoring wells.
 2. Date of expected drilling.
 3. Locations of soil borings and sample collection method.
 4. Casing type, diameter, screen interval, and pack and slot sizing technique.
 5. Depth and type of seal.
 6. Development method and criteria for determining adequate development.
 7. Plans for disposal of cuttings and development water.
 8. Surveying plans for wells (requirements include surveying to established benchmark to 0.01 foot).
- C. Groundwater sampling plans
1. Water level measurement procedure.
 2. Well purging procedures and disposal protocol.
 3. Sample collection and analysis procedures.
 4. Quality assurance plan.
 5. Chain-of-custody procedures.

V. Prepare a Site Safety Plan

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



DEPT. OF ENVIRONMENTAL HLTH
HAZARDOUS MATERIALS PROG.
80 SWAN WAY, SUITE 200
OAKLAND, CA 94621
430-4530

R0909

Certified Mailer #P 062 127 909

Telephone Number: (415)

March 16, 1990

Mr. Ed Awisus
Livermore German Auto
2730 Old First St.
Livermore, CA 94550

NOTICE OF VIOLATION

Dear Mr. Awisus:

As you're aware, on March 14, 1990, the Alameda County Department of Environmental Health, Hazardous Materials Division, inspected your auto repair business in Livermore. During the inspection, one small area of stained soil was noted on the railroad tracks side of the hot tank; this appeared to have resulted from overflow from the hot tank and consisted of petroleum wastes. Although it is clearly not intentional, such spillage could be considered on-site disposal of hazardous waste, which violates Section 25189.5 of the California Health and Safety Code. This small area of soil contamination should therefore be dug out and spread on a thick sheet of plastic for aeration. In addition, specific steps must be taken to prevent the spillage of these materials to the ground in the future.

The following violations of the California Code of Regulations, Title 22, were also noted at your facility.

1. Sec. 66472 - You were unable to produce evidence that the facility has an EPA identification number, which is required of all facilities that generate hazardous waste. If in fact there is no EPA ID# for the site, you will need to apply for one as soon as possible.
2. Sec. 66508 - The waste containers kept outdoors have apparently been stored for over 90 days; these consist of 55-gallon and 16-gallon drums as well as 5-gallon buckets stored on either side of the garage, particularly on the east side. None of these containers was labeled properly. All of these containers must be characterized and properly disposed of within 30 days, unless you determine within this time limit that some of the material is usable in your day-to-day business operations. Receipts/manifests must be kept on the premises to document this disposal.
3. Sec. 66492 - Receipts/manifests for the disposal of waste oil and servicing of the hot tank and solvent sink were not available on the facility premises. Such records should be

Mr. Ed Awisus
March 16, 1990
Page 2 of 2

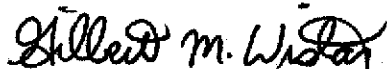
available at all times, and must date back three years or from the time you assumed ownership of the business.

- 4. Sec. 67241 - Containers stored outdoors are rusted or otherwise in deteriorated condition. Any of these containers that is not disposed of within 30 days (i.e., usable materials) must be exchanged for containers in better condition.
- 5. Sec. 67243 - Several of the containers mentioned above were open, either due to missing bungs or completely open tops.
- 6. Sec. 67245 - All drums or containers stored outdoors (for example, the hot tank) must have a secondary containment system. The volume of the required secondary containment system should be 10% of the combined volume of all containers in storage plus at least 3 inches of freeboard to contain worst-case, 24-hour precipitation.

Additionally, if you continue to use the underground storage tank for waste oil accumulation, you must gauge this tank on a weekly basis. This consists of taking a dipstick reading on the tank just before closing for the weekend and comparing this level to that at the beginning of the next work week. Written logs must be kept documenting this ongoing gauging.

In accordance with Sec. 66328, a Plan of Correction must be submitted to this office within 30 days, i.e., no later than April 16, 1990. The plan should specify the actions you will take to address each of the above violations and their expected dates of completion. As indicated, the unknown drums need to be characterized and disposed of by this date. If you have any questions concerning this letter, please contact the undersigned at 271-4320.

Sincerely,



Gil Wistar
Hazardous Materials Specialist

- c: Howard Hatayama, DOHS
- Randy Griffith, Livermore Fire Dept.
- Gil Jensen, Alameda County District Attorney, Consumer and Environmental Protection Division
- Rafat A. Shahid, Asst. Agency Director, Environmental Health

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



DEPT. OF ENVIRONMENTAL HLTH
HAZARDOUS MATERIALS PROG.
80 SWAN WAY, SUITE 200
OAKLAND, CA 94621
430-4530

R0909

Certified Mailer #P 062 127 910

Telephone Number: (415)

March 16, 1990

Mr. Harry Gansberger
1929 Dolores
Castro Valley, CA 94546

NOTICE OF VIOLATION

Dear Mr. Gansberger:

On March 14, 1990, the Alameda County Department of Environmental Health, Hazardous Materials Division inspected the Livermore German Auto facility at 2730 Old First St. Apparently, this business is on land that you own. During the course of its inspection, the Division noted the presence of five underground storage tanks, one of which is currently used by the business owner, Ed Awisus, to accumulate waste oil. Mr. Awisus indicated that, to the best of his knowledge, the other four underground tanks had been out of operation since 1978 or 1979.

The continued presence of the four tanks that have been out of use for so long violates Sec. 25298(a) and (c) of the California Health and Safety Code. These sections of code state that underground tanks must undergo proper closure (i.e., removal) as soon as they go out of operation. Abandonment is specifically forbidden. In addition, Sec. 25299(a)(5) of the H&SC authorizes civil penalties of up to \$5,000 per day to be assessed as long as violations of Sec. 25298 continue.

Therefore, the four underground tanks that are not in use must be removed immediately, under closure procedures established by this office. Tank closure includes the cleanup of any soil or groundwater contamination that may have resulted from the tank systems.


Enclosed are forms and information regarding the closure of underground tanks in Alameda County. You will need to hire a contractor and have the closure form filled out and sent in triplicate, along with a deposit of \$831 (for the removal of four tanks), to this office. (The deposit associated with the removal of all five tanks at the site is \$996; this office recommends the removal of all tanks, to minimize the ongoing liability that any old underground tank presents.) This completed closure form and deposit are due in 60 days, i.e., no later than May 16, 1990.

Mr. Harry Gansberger
March 16, 1990
Page 2 of 2

With regards to the tank that Livermore German Auto is using to store waste oil, the County encourages its removal, as stated above. However, if kept in service, this tank must be permitted according to state law; generally, this means that permit applications have to be filed with this office and the tank operator must specify and implement one of several monitoring options. For waste oil tanks, monitoring typically consists of annual precision testing and weekly gauging. Permit application forms are also enclosed with this letter.

If you have any questions about this letter or about underground tank regulations enforced by this office, please contact the undersigned at 271-4320.

Sincerely,



Gil Wistar
Hazardous Materials Specialist

enc.

cc (letter only):

Ed Awisus, Livermore German Auto (2730 Old First St.,
Livermore, CA 94550)
Randy Griffith, Livermore Fire Dept.
Howard Hatayama, DOHS
Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Division
Rafat A. Shahid, Asst. Agency Director, Environmental Health
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