

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

November 26, 2001  
StID #3566/RO000086

Leo & Maria Pagano Tr  
1104 Fountain St.  
Alameda, CA 94501

**RE: 1127 Lincoln Ave., Alameda, CA 94501**

Dear Sir or Madam:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with the Health and Safety Code, Chapter 6.75 (Article 4, Section 25299.37 h). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Health Services, Local Oversight Program (LOP) is required to use this case closure letter. We are also enclosing the case closure summary. This document confirms the completion of the investigation and cleanup of the reported release at the subject site.

**Site Investigation and Cleanup Summary:**

Please be advised that the following conditions exist at the site:

- 11 parts per million (ppm) Total Petroleum Hydrocarbons as gasoline (TPHg), 0.013, 0.31, 0.14, 0.99 ppm benzene, toluene, ethyl benzene and xylenes, respectively remain in the soil at the site.
- 1870 parts per billion (ppb) TPHg, 12.7, 2.4, 237, 210 ppb benzene, toluene, ethyl benzene and xylenes remain in groundwater at the site.

Please contact me at (510) 567-6765 with any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

enclosures: Case Closure Letter, Case Closure Summary

c: B. Chan, files (letter only)  
City of Alameda Planning Dept., 2263 Santa Clara, Rm 190  
Alameda, CA 94501  
Trlt 1127LincolnAve

ALAMEDA COUNTY  
HEALTH CARE SERVICES

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DAVID J. KEARS, Agency Director



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

August 7, 2001  
StID # 3566/ RO0000086

Leo & Maria Pagano Trust  
1104 Fountain St.  
Alameda, CA 94501

**Re: Request for Well Closure at 1127 Lincoln St., Alameda CA 94501**

Dear Madam and Sir:

Our office has received concurrence from the San Francisco Regional Water Quality Control Board on our recommendation for no further action regarding the four former gasoline tank and the one former waste oil tank located at the above location. Prior to our issuance of the no further action letter, please provide evidence of the proper closure of the eleven (11) monitoring wells and five (5) vapor extraction wells installed at this property. You may contact the Water Resources Section of Public Works at 510-670-5554 to obtain the permit and specific requirements for this work.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

C:  Chan, files

Mr. R. Lee Dooley, 6284 San Ignacio Avenue, Suite E, San Jose, CA 95119  
Ms. Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, CA 91510-7869

W1c1127LincolnAve

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

January 26, 2001  
StID # 3566

Mr. Leo Pagano  
1104 Fountain St.  
Alameda, CA 94501

**SUBJECT: INTENT TO MAKE A DETERMINATION THAT NO FURTHER ACTION IS REQUIRED  
OR ISSUE A CLOSURE LETTER FOR 1127 Lincoln Ave., Alameda CA 94501**

Dear Mr. Pagano:

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. You may use the enclosed Example letter #3 as a guide. Please provide this certification to this office within 20 days of the date of this letter.

If you have any questions about this, please contact me at (510) 567-6765.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

Enclosure (sample letter #3)

c: B.Chan,files  
Ms. K. Petryna, P.O. Box 7869, Burbank, CA 91510-7869

**SAMPLE LETTER 3: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY**

Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577

**SUBJECT: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY (FOR NAME AND ADDRESS OF SUBJECT SITE)**

In accordance with section 25297,15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that I have notified all responsible landowners of the enclosed proposed action. Check space for applicable proposed action(s):

- cleanup proposal (corrective action plan)
- site closure proposal
- local agency intention to make a determination that no further action is required
- local agency intention to issue a closure letter

Sincerely,

\_\_\_\_\_  
Signature of primary responsible party

\_\_\_\_\_  
Name of primary responsible party

cc: Names and addresses of all record fee title owners

**Chan, Barney, Public Health, EHS**

**To:** 'LDooley@KHM1.com'  
**Cc:** 'JYantis@KHM1.com'  
**Subject:** Questions regarding 1127 Lincoln Ave., Alameda 94501 Site

Dear Mr. Dooley:

As discussed in our phone conversation, after review of the files for this site, I have the following questions/concerns:

- The original UST soil samples exhibited very high residual benzene in soil, ie BH-9 reported 240 ppm benzene. Likely, these levels no longer exist, however, what concentrations would you use in a risk assessment? To avoid requiring confirmation sampling in the areas of concern, please provide an estimation of the mass of gas and benzene removed over time. This should be presented in a table and graph form.
- Please state whether you believe the original soil samples lie within the vadose or saturated zone.
- Please provide an interpretation regarding whether the sanitary sewer identified as running down the middle of Bay St. might have acted as a preferential migration pathway.
- Please provide a rose diagram for groundwater flow directions to determine the predominant gradient at the site.

Hopefully, you can perform the requested items. Please let me know if I need to send a letter for you to get authorization to do this work.

Thank you,

Barney Chan,  
Hazardous Materials Specialist  
(510) 567-6765

|                   |              |         |              |            |   |
|-------------------|--------------|---------|--------------|------------|---|
| Post-it® Fax Note | 7671         | Date    | 1/25/01      | # of pages | 1 |
| To                | L. Dooley    | From    | B. Chan      |            |   |
| Co./Dept.         | KHM Env Mgmt | Co.     | ACGH         |            |   |
| Phone #           |              | Phone # | 510-567-6765 |            |   |
| Fax #             | 408-226-4518 | Fax #   |              |            |   |

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



November 8, 2000

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

Ms. Karen Petryna  
Equiva Services LLC  
PO Box 7869  
Burbank, CA 91510-7869  
STID 3566

RE: Former Texaco, 1127 Lincoln Avenue, Alameda, CA 94501

Dear Ms. Petryna:

I have received the Quarterly Monitoring Report – Third Quarter 2000 and the concentration vs. time curves for the above site dated October 5, 2000 prepared by Environmental Management, Inc. This information has been placed in the site file for future reference when preparing the case closure summary.

I have been transferred to another position within our department, and will no longer be the caseworker for site. Please contact my supervisor Tom Peacock at (510) 567-6782, to determine the new person assigned to this project.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto  
Sr. Hazardous Materials Specialist

Cc: R. Lee Dooley, KHM Environmental Management, Inc., 6284 San Ignacio,  
Suite E, San Jose, CA 95119  
Leo Pagano, 1127 Lincoln Avenue, Alameda, CA 94501  
Tom Peacock, Alameda County Environmental Health  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

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DAVID J. KEARS, Agency Director



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

September 21, 2000

Ms. Karen Petryna  
Equiva Services LLC  
PO Box 7869  
Burbank, CA 91510-7869  
STID 3566

RE: Former Texaco, 1127 Lincoln Avenue, Alameda, CA 94501

Dear Ms. Petryna:

I have performed a cursory review of the Underground Storage Tank Case Review/Closure Request report dated August 10, 2000 that was prepared by IT Corporation. To further assist me in evaluating the site, please submit a concentration versus time graph for benzene and TPPH (gas) in monitoring wells MW-1, MW-2, MW-3, MW-5, MW-6 and MW-8.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto  
Sr. Hazardous Materials Specialist

Cc: Michael Hurd, IT Corporation, 2201 Broadway Street, Suite 101, Oakland,  
CA 94612-3023  
Leo Pagano, 1127 Lincoln Avenue, Alameda, CA 94501  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

July 25, 2000

Ms. Karen Petryna  
Equiva Services LLC  
PO Box 7869  
Burbank, CA 91510-7869  
STID 3566

RE: Former Texaco, 1127 Lincoln Avenue, Alameda, CA 94501

Dear Ms. Petryna:

I have reviewed your Quarterly Monitoring Report-Second Quarter 2000 that was prepared by IT Corporation dated July 20, 2000. Until case closure is granted, IT proposed that the groundwater monitoring and sampling of all wells be performed on a semiannual basis, in the first and third quarters. This is acceptable.

To assist me in preparing the case closure summary for this site, please submit a closure summary report. This report should summarize the site history and identify each phase of the subsurface investigation and remediation with copies of supporting documents.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto  
Sr. Hazardous Materials Specialist

Cc: Debra Moser, IT Corporation, 1921 Ringwood Avenue, San Jose, CA 95131-1721  
Leo Pagano, 1127 Lincoln Avenue, Alameda, CA 94501  
Files



ALAMEDA COUNTY  
HEALTH CARE SERVICES

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DAVID J KEARS. Agency Director



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

May 17, 2000

Ms. Karen Petryna  
Equiva Services LLC  
PO Box 7869  
Burbank, CA 91510-7869  
STID 3566

RE: Former Texaco, 1127 Lincoln Avenue, Alameda, CA 94501

Dear Ms. Petryna:

I have review the Quarterly Monitoring Report – First Quarter 2000 for the above site that was prepared by IT Corporation. A request was made to reduce the frequency of monitoring and sampling of wells MW-1, MW-2, MW-3, MW-5, MW-6 and MW-8 from quarterly to semiannually in the first and third quarters. This is acceptable.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,

  
Larry Seto  
Sr. Hazardous Materials Specialist



**IT Corporation**

1921 Ringwood Avenue  
San Jose, CA 95131-1721  
Tel. 408.453.7300  
Fax. 408.437.9526

*A Member of The IT Group*

February 8, 2000  
Project 340-087.9A

Mr. Larry Seto  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, 2<sup>nd</sup> Floor  
Alameda, California 94502-6577

Re: **Certified List of Record Fee Title Owners for:**  
Former Texaco Service Station  
1127 Lincoln Avenue at Bay Street  
Alameda, California  
Incident No. 90015162

Dear Mr. Seto:

In accordance with section 25297.15(a) of Chapter 6.7 of the Health Safety Code and on behalf of Equiva Services LLC, we certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site.

Mr. Leo and Ms. Maria Pagano, 1104 Fountain St., Alameda, CA 94501

Sincerely,

**IT Corporation**

A handwritten signature in cursive script that reads 'Kristen Flesoras'.

Kristen Flesoras  
Project Scientist

cc Ms. Karen Petryna, P.E., Equiva Services LLC, P.O. Box 7869, Burbank, CA 91501-7869  
Mr. Leo and Ms. Maria Pagano, 1104 Fountain St., Alameda, CA 94501  
Mr. Richard Heit, California Regional Water Quality Control Board, San Francisco Bay Region,  
1515 Clay St., Ste. 1400, Oakland, CA 94612

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6700  
(510) 337-9432

January 24, 2000

Ms. Karen Petryna  
Equiva Services LLC  
PO Box 7869  
Burbank, CA 91501-7869  
STID 3566

RE: Former Texaco, 1127 Lincoln Avenue, Alameda, CA 94501

Ms. Petryna:

I have reviewed the Quarterly Monitoring Report – Third Quarter 1999 dated December 24, 1999 that was prepared by The IT Group. Monitoring well MW-5 was not monitored during this monitoring event. The last time MW-5 was monitored was on October 30, 1997. It is my understanding after talking to Bob Fehr of The IT Group on September 16, 1999 that this well has been cemented closed. **This monitoring well was closed without approval from this office or the Regional Water Quality Control Board.** Previous letters from this office has requested that this monitoring well be monitored, or replaced, if inaccessible. Before site closure can be granted for this site, it must be proven that the groundwater in the vicinity of MW-5 does not pose a threat to the environment or the public health.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto  
Sr. Hazardous Materials Specialist

Enclosures(2) - Letter dated January 8, 1999  
Letter dated June 29, 1999

Cc: Bob Fehr, IT Group, 1921 Ringwood Avenue, San Jose, CA 95131-1721  
Debra Moser, IT Group, 1921 Ringwood Avenue, San Jose, CA 95131-1721  
Leo Pagano, 1104 Fountain Street, Alameda, CA 94501  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

September 23, 1999

Ms. Karen Petryna  
Equiva Services, LLC  
PO Box 6249  
Carson, CA 90749-6249  
STID 3566

RE: Former Texaco, 1127 Lincoln Avenue, Alameda, CA 94501

Dear Ms. Petryna:

I have reviewed your Quarterly Monitoring Report-Second Quarter 1999 for the above site that was prepared by the IT Corporation. This office concurs with your consultant the monitoring frequency for MW-4, MW-7, MW-9 MW-10 and MW-11 can be reduced from quarterly to semiannually. As a reminder, any changes to monitoring or sampling frequencies must have written prior approval from this office before it is implemented.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto  
Sr. Hazardous Materials Specialist

Cc: Erin Garner, IT Corporation, 1921 Ringwood Avenue, San Jose, CA 95131-1721  
Bob Fehr, IT Corporation, 1921 Ringwood Avenue, San Jose, CA 95131-1721  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

Certified Mailer:

June 29, 1999

Ms. Karen Petryna  
Equiva Services, LLC  
PO Box 6249  
Carson, CA 90749-6249  
STID 3566

RE: Former Texaco, 1127 Lincoln Avenue, Alameda, CA 94501

Dear Ms. Petryna:

A letter dated January 8, 1999 requested MW-5 be included in your monitoring program. It was not monitored and sampled the first quarter of this year. **Please inform this office within 15 days of the receipt of this letter if MW-5 is accessible, and if not, why not.**

In addition, has the drums and pump equipment in the vicinity of MW-5 been removed from the site?

In future Quarterly Monitoring Reports please have your consultant identify the groundwater gradient direction on the contour map, and their recommendations for future work.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto

Sr. Hazardous Materials Specialist

Cc Erin Garner, Pacific Environmental Group, 2025 Gateway Place, Suite 440,  
San Jose, CA 95110-1014

Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

January 8, 1999

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

RE: Former Texaco, 1127 Lincoln Avenue, Alameda, CA

Dear Ms. Petryna:

I have reviewed the Quarterly Monitoring Report – Third Quarter 1998, dated October 7, 1998 that was prepared by Pacific Environmental. MW-5 has not been monitored for the past three quarters. This down gradient well needs to be reinstated, and monitored on a quarterly basis commencing the first quarter 1999. It was paved over without the approval from this office.

In addition, the drums and pump equipment in the vicinity of MW-5 should be removed from the site if they are not going to be used.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,

  
Larry Seto  
Sr. Hazardous Materials Specialist

Cc: Mr. Leo Pagano, 1104 Fountain Street, Alameda, CA 94501  
Keith Winemiller, Pacific Environmental, 2025 Gateway Pl., Suite 440,  
San Jose, CA 95110-1006

Files

LOP - CHANGE RECORD REQUEST FORM

printed:  
01/02/98

Mark Out What Needs Changing and Hand to LOP Data Entry  
(Name/Address changes go to Annual Programs Data Entry)

Insp: *CS*

AGENCY # : 10000      SOURCE OF FUNDS: F      SUBSTANCE: 8006619  
 StID : 3566      LOC: 03/22/93  
 SITE NAME: Bay St. Svc. Station      DATE REPORTED : 09/22/89  
 ADDRESS : 1127 Lincoln Ave      DATE CONFIRMED: 09/22/89  
 CITY/ZIP : Alameda      94501      MULTIPLE RPs : Y

SITE STATUS

-----  
 CASE TYPE: 0      CONTRACT STATUS: 4      PRIOR CODE:3A3      EMERGENCY RESP:  
 RP SEARCH: S      DATE COMPLETED: 11/21/91  
 PRELIMINARY ASMNT: U      DATE UNDERWAY: 06/09/91      DATE COMPLETED:  
 REM INVESTIGATION:      DATE UNDERWAY:      DATE COMPLETED:  
 REMEDIAL ACTION: U      DATE UNDERWAY: 09/01/93      DATE COMPLETED:  
 POST REMED ACT MON:      DATE UNDERWAY:      DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1      DATE ENFORCEMENT ACTION TAKEN: 11/21/91  
 LUFT FIELD MANUAL CONSID: 3HSCAWG  
 CASE CLOSED:      DATE CASE CLOSED:  
 DATE EXCAVATION STARTED : 09/11/89      REMEDIAL ACTIONS TAKEN: ED,ET,GT,VE

RESPONSIBLE PARTY INFORMATION

-----  
 RP#1-CONTACT NAME: Robert Robles  
 COMPANY NAME: Texaco Refining & Marketing  
 ADDRESS: 10 Universal City Plaza  
 CITY/STATE: Universal City CA 91608

RP#2-CONTACT NAME: L & M. Pagano Trust  
 COMPANY NAME: n/a  
 ADDRESS: 1104 Fountain St.  
 CITY/STATE: Alameda, Ca 94501

| INSPECTOR VERIFICATION:   |           |      |                       |      |      |
|---------------------------|-----------|------|-----------------------|------|------|
| NAME                      | SIGNATURE |      |                       | DATE |      |
| DATA ENTRY INPUT:         |           |      |                       |      |      |
| Name/Address Changes Only |           |      | Case Progress Changes |      |      |
| ANNPGMS                   | LOP       | DATE |                       | LOP  | DATE |

*Lesson - Can you take over this case  
 DH has worked on side Needs action  
 See me with questions*

*D.H.*

**IF YOU:**

**WANT 5 WEEKS VACATION**

**WANT 9% COLA FOR 3 YEARS**

**WANT CASELOAD IMPROVEMENT**

**WANT OUTSOURCING CONTROL**

**WANT EDUCATION FUNDS**

**WANT SDI FOR PART TIMERS**

**WANT PAY PARITY**

**WANT THE CONTRACT BENEFITS**

**THEN**

**VOTE FOR**

**THE CONTRACT**

**WEDNESDAY, OCTOBER 15**



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



July 9, 1997

Ms. Karen Petryna  
Texaco Refining and Marketing Inc.  
108 Cutting Blvd.  
Richmond, CA 94804

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

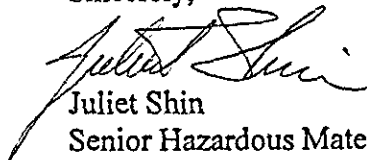
Re: 1127 Lincoln Avenue, Alameda, California

Dear Ms. Petryna,

It is the understanding of this office that Texaco has discontinued operation of the groundwater extraction system at the above site, and that contaminant concentrations identified in the wells placed within and bordering the contaminant plume have not increased in the last three monitoring events since the extraction system has been turned off. Therefore, per your June 26, 1997 letter, the removal of the remedial equipment from the site is acceptable to this office.

If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,

A handwritten signature in cursive script, appearing to read "Juliet Shin".

Juliet Shin  
Senior Hazardous Materials Specialist

cc: Leo Pagano  
1104 Fountain Street  
Alameda, CA 94501

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH  
80 Swan Way, Rm. 210  
Oakland, CA 94621  
(510) 271-4300

September 11, 1996

Ms. Karen E. Petryna  
Texaco Refining and  
Marketing Inc.  
108 Cutting Blvd.  
Richmond, CA 94804

STID 3566

Re: Dual Vapor and Groundwater Extraction System at Former Texaco Service Station  
located at 1127 Lincoln Avenue, Alameda, California

Dear Ms. Petryna,

Per Texaco's request in KEI's September 6, 1996 submittal, Texaco may currently cease operation of the dual vapor and groundwater extraction system at the above site, based on the significant declining trends in the vapor concentrations extracted from the remediation system. However, it is still uncertain as to whether this site can be classified as a "low risk groundwater case", per the Regional Water Quality Control Board's (RWQCB) January 5, 1996 Interim Guidance document.

Some of the qualifications for a "low risk groundwater case" includes the stabilization of the groundwater contaminant plume and no significant risk to human health. At this point, it is uncertain as to whether the plume will stabilize when operation of the extraction system is halted. If the plume subsequently migrates to the extent observed in the past (e.g., elevated concentrations observed in the downgradient, off-site Well MW-8), the contaminant concentrations may pose a health risk to the adjacent residents per the American Society for Testing and Materials' Risk Based Corrective Action guidelines. Therefore, this office is requesting that quarterly groundwater monitoring continue for all wells and that close observations be made of any fluctuations of contaminant concentrations observed in these wells. If an increase in contaminant concentrations and/or significant contaminant plume migration is observed for several consecutive quarters, then Texaco will need to consider reactivating the extraction system or employing some other containment measure, such as oxygen releasing compound barriers if applicable, to prevent further plume migration and reduce any potential human health threat.

Ms. Karen Petryna  
Re: 1127 Lincoln Ave.  
September 11, 1996  
Page 2 of 2

If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,



Juliet Shin  
Senior Hazardous Materials Specialist

cc: Leo Pagano  
1104 Fountain Street  
Alameda, CA 94501

Sarkis A. Soghomonian  
KEI Inc.  
2401 Stanwell Drive, Ste 400  
Concord, CA 94520

Acting Chief-File



Texaco Refining  
and Marketing Inc

108 Cutting Boulevard  
Richmond CA 94804

June 26, 1997

**ENV-STUDIES, SURVEYS & REPORTS**

1127 Lincoln Avenue, Alameda, California

Ms. Juliet Shin  
Alameda County Health  
Care Services Agency  
1131 Harbor Bay Pkwy., #250  
Alameda, California 94502-6577

Dear Ms. Shin:

The Alameda County Health Care Services Agency (ACHCSA) in a letter dated September 11, 1996 concurred with Kaprealian Engineering, Inc's. (KEI) recommendations, made to the ACHCSA in a letter dated September 6, 1996, to terminate operation of the remedial system. In the referenced letter, the ACHCSA requested the continuation of the ongoing quarterly ground water monitoring and sampling program in order to verify plume stability and dissolved hydrocarbon concentrations.

Since termination of system operation, three ground water monitoring and sampling events have been conducted. Based on all of the analytical results of the ground water samples collected during these three events, there does not appear to be an increase in dissolved hydrocarbon concentrations in the monitoring wells. In addition, the four downgradient monitoring wells, MW-8, MW-9, MW-10 and MW-11 have shown no detectable concentrations of TPH as gasoline, benzene, or MTBE, except for benzene detected twice at 1.3 and 1.6 ppb.

Since remedial system operation was terminated, three ground water monitoring and sampling events have been conducted and there does not appear to be an increase in dissolved hydrocarbon concentrations in ground water and the dissolved plume does not appear to be migrating. Mr. Leo Pagano, the current property owner, has requested the removal of the equipment from the property, since the system is no longer operated, in order for his tenants to utilize the space used by the remedial system equipment. In light of the information and rationale outlined above, Texaco requests written concurrence from the ACHCSA to remove the remedial system equipment from the subject site.

Ms. Juliet Shin  
June 26, 1997  
Page 2

Thank you for your assistance and cooperation with this project. If you have any questions, please do not hesitate to call me at (510) 236-9139.

Best Regards,  
Texaco Refining and Marketing Inc



Karen E. Petryna, P.E.  
Project Manager  
Environment, Health & Safety

KEP:sas  
U:\...\1127\REMOVREQ.JS

cc: Mr. Richard Hiatt  
CRWQCB - San Francisco Bay Region  
2101 Webster St., Suite 500  
Oakland, California 94621

Mr. Sarkis A. Soghomonian  
Kaprealian Engineering, Inc. (KEI)  
2401 Stanwell Drive, Suite 400  
Concord, California 94520

PR: 

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

April 21, 1995

Ms. Karen E. Petryna  
Texaco Refining and  
Marketing Inc.  
108 Cutting Blvd.  
Richmond, CA 94804

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

STID 3566

Re: Work plan for investigations at Former Bay Street Texaco  
Service Station, located at 1127 Lincoln Ave., Alameda, CA

Dear Ms. Petryna,

This office has reviewed Groundwater Technology's Well Installation Work Plan, dated April 4, 1995, for the above site. Although groundwater gradient flow directions at the site have varied significantly, the primary flow direction appears to be towards the northwest. It has been determined that, due to buildings and other obstructions, the placement of a downgradient monitoring well is limited to a parking lot at 1617 Bay Street or Pacific Avenue, both located over 100 feet from the site. Well MW-10 was proposed to be installed at 1617 Bay Street, however, this office is requesting that this well be placed as far to the southwest corner of this parking lot site as possible, in order to place Well MW-10 as close to the Texaco site and downgradient, northwest, from the site as possible.

Per my conversation with Michael Chamberlain, Groundwater Technology, on April 21, 1995, the proposed soil corings work has been implemented at the site, and a site figure showing the locations and analysis results of soil and ground water samples collected from these borings was faxed for this office to review in conjunction with the April 1995 work plan. According to Mr. Chamberlain, details of the soil corings investigation will be included in the report documenting this next phase of work.

Based on the soil coring sampling results, it still appears likely that the groundwater contaminant plume may be intercepted by the utility line trench to the east of the site. According to the analysis results of the soil corings, the "grab" ground water sample collected from Boring B-1, located on the west side of Bay Street, identified elevated levels of Total Petroleum Hydrocarbons as gasoline (TPHg) and benzene. However, Well MW-7, located approximately 20 feet from boring B-1, along the east side of Bay Street, identified only low to non-detect levels of TPHg and benzene. According to Mr. Chamberlain, Groundwater

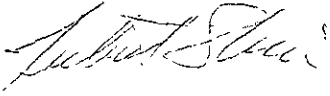
Ms. Karen Petryna  
Re: 1127 Lincoln Ave.  
April 21, 1995  
Page 2 of 2

Technology will provide rationale in the final report for why the utility line trench along Bay Street is not intercepting the groundwater contaminant plume. However, if after reviewing this report, there is still reason to believe that the plume is being redirected by the utility line trench and, therefore, Well MW-7 is not sufficiently delineating the extent of the plume, further work, such as installing an additional well near former Boring B-1, may be required.

Field work shall commence within 60 days of the date of this letter. A report documenting the well installation and soil corings shall be submitted within 45 days after completing field activities.

If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,



Juliet Shin  
Senior Hazardous Materials Specialist

cc: Michael A. Chamberlain  
Groundwater Technology  
4057 Port Chicago Hwy.  
Concord, CA 94520

Acting Chief Executive Officer, File



Texaco Refining  
and Marketing Inc

108 Cutting Boulevard  
Richmond CA 94804

March 16, 1995

**ENV - SERVICE STATION**

1127 Lincoln Ave.  
Alameda, California

Mr. Mario Gianchino  
2068 Cecelia Way  
Mt. View, CA 94040

Dear Mr. Gianchino:

As you are aware, Texaco is currently conducting environmental investigation activities for the referenced site at the request of the Alameda County Health Care Services Agency (ACHCSA), please see my letter dated February 10, 1995.

Per our discussions, I have included in Attachment 1 a revised License Agreement for your signature which refers to payment of \$100.00, in consideration for your granting the Agreement. I have informed Mike Chamberlain of Groundwater Technology, Inc. (GTI) to contact you in writing at least one week prior to drilling. Additionally, I have instructed him to not begin drilling activities on your property until after 10:00 a.m. in order not to disturb the tenants of the apartment.

I appreciate your cooperation in helping Texaco in completing our environmental investigation by allowing access to your property. As per our agreement, also attached is a check for \$100.00.

Please send the signed License Agreement to my attention at your earliest convenience in the stamped, self-addressed envelope provided. If you have any questions or comments, please feel free to contact me at (510) 236-9139.

Best Regards,

Karen E. Petryna  
Project Coordinator  
Texaco Environmental Services

KEP:hs  
P:\KEP\LICLETR2.MG



Mr. Mario Gianchino  
March 16, 1995  
Page 2

cc: Mr. Michael Chamberlain, GTI (w/o attach.)  
Ms. Juliet Shin, ACHCSA (w/o attach.)  
Ms. Lisa Kim, Texaco Legal

RAOFile-UCPFile-RRZielinski (w/o attach.)

PR: 



Texaco Refining  
and Marketing Inc

Environmental Services  
Richmond, CA 94804

February 21, 1995

**ENV - STUDIES, SURVEYS & REPORTS**  
**1127 Lincoln Ave., Alameda, CA**  
**Permit #4058**

Ms. Deidre Mena  
East Bay Municipal Utility District  
P.O. Box 24055  
Oakland, CA 94623-1055

Dear Ms. Mena:

Texaco Environmental Services (Texaco) has prepared the following response to comments presented in your correspondence of January 27, 1995 regarding the wastewater discharge permit for the referenced site. Each issue is addressed separately below.

Several of the totalizer readings and the cumulative volume calculations were reported incorrectly on the December 31, 1994 Self Monitoring Report. A corrected report summary sheet is attached for your files. Please discard the original report summary sheet and replace it with the corrected one.

Texaco has informed Groundwater Technology, Inc., and BC Analytical of the required modifications to the Chain of Custody (COC) documentation. Groundwater Technology field personnel will record preservative information on the COC in the future. BC Analytical maintains documentation which identifies each groundwater sample with a laboratory sample ID number. Future COCs will indicate both the field identification and the laboratory ID.

Based on your conversation with Mr. Joe Damas, Manager of Source Control, as long as I am considered the project manager with authorization to control the system by Texaco, I am authorized to sign all correspondence, including the Self-Monitoring Reports.

If you have additional questions or need more information, please contact me by phone at (510) 236-9139 or by letter at 108 Cutting Blvd., Richmond, CA 94804.

Best Regards,

Karen E. Petryna  
Environmental Project Coordinator  
Texaco Environmental Services

KEP dyd  
U:\1127\EBMUD.RSP

Attachment

cc Mr Thomas Peacock, Alameda County Environmental Health Department

RICHfile-UCPfile(w/attach) RRZielinski (w/o attach)

RR: J.

**EBMUD PERMIT ACCOUNT NO. 502-74621**  
**SELF MONITORING REPORT SUMMARY**  
**DATE SAMPLED: OCTOBER 5, 1994 AND NOVEMBER 3, 1994**

Reporting Period: 08/11/94 to 11/30/94  
 Permittee: Texaco Environmental Services  
 Site Name: Former Texaco Service Station  
 Site Address: 1127 Lincoln Ave., Alameda, CA

Due Date: 12/31/94  
 EBMUD Permit: #502-74621

Company Contact: Karen Petryna  
 Mailing Address: 108 Cutting Boulevard  
Richmond, CA 94804  
 Phone Number: (510) 236-9139

Consultant: Groundwater Technology, Inc.  
 Address: 1401 Halyard Drive, Suite 140  
West Sacramento, CA 95691  
 Contact: Brian Garber  
 Phone Number: (916) 372-4700

Any violation of waste discharge requirement during this period? Yes \_\_\_\_\_ No X  
 If yes, include attachment describing violation and corrective actions taken.

**GROUNDWATER DISCHARGE DATA**

| Sample Location | Date     | Flow Rate (gpm) | Totalizer Readings (gallons) | Cumulative Volume (gallons) | Sample Location | Date   | Flow Rate (gpm) | Totalizer Readings (gallons) | Cumulative Volume (gallons) |
|-----------------|----------|-----------------|------------------------------|-----------------------------|-----------------|--|-----------------|------------------------------|-----------------------------|
| Effluent        | 06/94    | **              | **                           | **                          | W-2             | 06/94  | **              | **                           | **                          |
|                 | 07/94    | **              | **                           | **                          |                 | 07/94  | **              | **                           | **                          |
|                 | 08/11/94 | 6.8             | 451153                       | **                          |                 | 08/11/94   | OFF             | 232,44                       | **                          |
|                 | 09/28/94 | 0               | 451345                       | 187                         |                 | 09/28/94   | -               | 243                          | 10.56                       |
|                 | 10/05/94 | 7.2             | 451370                       | 212                         |                 | 10/05/94   | N/A             | 243                          | 10.56                       |
|                 | 11/03/94 | 6.2             | 543253                       | 92095                       |                 | 11/03/94   | NA              | NA                           | 10.56                       |
| MW-5            | 06/94    | **              | **                           | **                          | AUX             | 06/94  | **              | **                           | **                          |
|                 | 07/94    | **              | **                           | **                          |                 | 07/94  | **              | **                           | **                          |
|                 | 08/11/94 | 3.95            | 213375                       | **                          |                 | 08/11/94   | N/A             | 108023                       | **                          |
|                 | 09/28/94 | -               | 213392                       | 17                          |                 | 09/28/94   | -               | 108134                       | 111                         |
|                 | 10/05/94 | 4.38            | 213402                       | 27                          |                 | 10/05/94   | N/A             | 108144                       | 121                         |
|                 | 11/03/94 | 3.53            | 245903                       | 32528                       |                 | 11/03/94   | NA              | NA                           | 131                         |
| W-1             | 06/94    | **              | **                           | **                          | Notes:          | ** System not Operational                                |                 |                              |                             |
|                 | 07/94    | **              | **                           | **                          |                 | System was re-started July 11, 1994.                     |                 |                              |                             |
|                 | 08/11/94 | 4.25            | 121854                       | **                          |                 | Systems was off for maintenance from 9/18/94 to 10/05/94 |                 |                              |                             |
|                 | 09/28/94 | -               | 121902                       | 48                          |                 |  |                 |                              |                             |
|                 | 10/05/94 | 4.33            | 121811                       | 57                          |                 |  |                 |                              |                             |
|                 | 11/03/94 | 3.65            | 135346                       | 13492                       |                 |  |                 |                              |                             |

Flow Rate for this reporting period: 6.2 gpm  
 Total Volume Discharged Groundwater for this reporting period: 92095 gallons

**SEMI-ANNUAL WATER REPORTING**

| Sample Location | Date     | TPH-G (ppb) | Benzene (ppb) | Toluene (ppb) | Ethylbenzene (ppb) | Xylenes (ppb) |
|-----------------|----------|-------------|---------------|---------------|--------------------|---------------|
| Influent        | 10/05/94 | 1,500       | 320           | 120           | 5.8                | 150           |
|                 | 11/03/94 | 990         | 130           | 23            | 9.9                | 170           |
| Effluent        | 10/05/94 | ND          | 0.70          | ND            | ND                 | ND            |
|                 | 11/03/94 | ND          | ND            | 1.2           | ND                 | ND            |
| Carbon Inf      | 10/05/94 | 79          | 12            | 4.7           | 2.2                | 7.2           |
|                 | 11/03/94 | 100         | 15            | 4.8           | 1.1                | 15            |
| BT-1            | 10/05/94 | ND          | 2.6           | 1.1           | ND                 | 1.6           |
|                 | 11/03/94 | ND          | 2.2           | 0.84          | ND                 | 2.1           |

**Explanation:**  
 TPG-G = Total petroleum hydrocarbons-as-gasoline  
 -- = Not Analyzed  
 gpm = Gallons per minute      N/A = Not applicable  
 pgd = Gallons per day          umhos/cm = Micromhos per centimeter  
 NM = Not measured              g/day = Grams per day  
 ppb = Parts per billion          ND = Not detected

Note: Certified analytical laboratory reports enclosed

Company: Groundwater Technology, Inc.  
 Signature: Brian H. Garber  
 Brian H. Garber  
 Project Manager  
 Date: 7/1/95  
H2OSA1294 WK3 (TES-45)



Texaco Refining  
and Marketing Inc

108 Cutting Boulevard  
Richmond CA 94804

February 10, 1995

ENV - SERVICE STATION

1127 Lincoln Ave.  
Alameda, California

Mr. Mario Gianchino  
15553 Lorenzo  
San Lorenzo, California 94580

Dear Mr. Gianchino:

As you are aware, Texaco is currently conducting environmental investigation activities for the referenced site at the request of the Alameda County Health Care Services Agency (ACHCSA). Our environmental consultant has informed me that they met with you on January 11, 1995 during marking the proposed drilling locations for our impending environmental activities. They have conveyed your requested conditions for proposed activities to be conducted on your property at 1617 Bay Street.

I have included in Attachment 1 copies of the *Work Plan to Perform a Core-Hole Program and Install Two Groundwater Monitoring Wells (MW-9 and MW-10)*, dated February 22, 1994, and *Addendum to Work Plan*, dated August 1, 1994 as approved by the ACHCSA. I understand that the proposed well location at 1617 Bay Street has been located in the center of the alley to reduce vehicle traffic on the well. I have informed our contractor to contact you in writing at least one week prior to beginning the drilling activities on your property. Additionally, I have instructed our consultant to not begin drilling activities on your property until after 10:00 a.m. to limit disturbing the tenets of the apartment.

I appreciate your cooperation in helping Texaco to completing our environmental investigation by allowing access to your property. A copy of the additional site assessment report documenting results and findings will be sent to you following the completion of environmental investigation activities.

Please send the signed license agreement to my attention. If you have any questions or comments, please feel free to contact me at (510) 236-9139.

Best Regards,

Karen E. Petryna  
Project Coordinator  
Texaco Environmental Services

Mr. Mario Gianchino  
February 10, 1995  
Page 2

KEP:hs  
U:\...\1127\LICENSETR2.MG

Attachments (2)

cc: Mr. Michael Chamberlain, GTI (w/o attach.)  
Ms. Juliet Shin, ACHCSA (w/o attach.)  
Ms. Lisa Kim, Texaco Legal

RRZielinski (w/o attach.)  
RichFile-UCPFile (w/o attach.)

PR: RD



Texaco Refining  
and Marketing Inc

108 Cutting Blvd  
Richmond CA 94804

HAZMAT  
54 DEC -5 PM 3:36

November 23, 1994

ENV - STUDIES, SURVEYS & REPORTS  
1127 Lincoln Avenue, Alameda, CA  
License Agreement for 1617 Bay Street

Ms. Louise M. Giachino  
15553 Lorenzo Avenue  
San Lorenzo, CA 94580

Dear Ms. Giachino:

As we discussed by telephone today, November 23, 1994, Texaco Environmental Services (Texaco) has been asked by the Alameda County Health Care Services Agency (ACHCSA) to install a monitoring well at 1617 Bay Street in Alameda, California. The purpose of the monitoring well is to aid in additional subsurface soil and groundwater assessment of the subject site, 1127 Lincoln Avenue in Alameda, California.

Pursuant to the ACHCSA's request, I have enclosed a standard Texaco License Agreement which will give us access to 1617 Bay Street to install the monitoring well and then monitor and sample it quarterly.

After Texaco has satisfied the ACHCSA and the California Regional Water Quality Control Board, we will remove the monitoring well. This will probably occur in three to five years.

If you or one of the other property owners will sign the License Agreement, Texaco will make plans to install a monitoring well on your property in approximately two months. I will give you a schedule as soon as arrangements are finalized.

If you have any questions or concerns regarding the License Agreement, the subject site or Texaco's plans, please contact me by phone at (510) 236-9139 or by letter at 108 Cutting Blvd., Richmond, CA 94804.

Best Regards,

Karen E. Petryna  
Environmental Project Coordinator  
Texaco Environmental Services

KEP:hs  
U:\WPWIN\1127\LICREQ.DOC

Attachment

cc: Ms. Juliet Shin, ACHCSA (w/o attach.)  
Ms. Lisa Kim, Texaco Legal (w/attach.)

RICHfile-UCPfile(w/attach.) RZielinski (w/o attach.)

PR: RD



Texaco Refining  
and Marketing Inc

108 Cutting Boulevard  
Richmond CA 94804

HAZARDOUS  
94 OCT -5 PM 4:45

September 30, 1994

STID 3566  
JMS

ENV - STUDIES, SURVEYS & REPORTS

Former Texaco Service Station  
1127 Lincoln Avenue, Alameda, CA  
EBMUD Account No. 502-74621

Mr. Safa Toma  
East Bay Municipal Utility District  
Source Control Division, M.S. 702  
P.O. Box 24055, 375 11th Street,  
Mail slot #702  
Oakland, California 94623

Dear Mr. Toma:

Enclosed is the Summary Report of Remediation System Restart,  
dated September 29, 1994, for the subject site.

Regarding the above-referenced report,

I certify under penalty of law that this document and all  
attachments were prepared under my direction or supervision in  
accordance with a system designed to assure that qualified  
personnel properly gather and evaluate the information submitted.  
Based on my inquiry of the person or persons who manage the  
system, or those persons directly responsible for gathering  
information, the information is, to the best of my knowledge and  
belief, true, accurate, and complete. I am aware that there are  
significant penalties for submitting false information, including  
the possibility of fine and imprisonment for knowing violations.

Any questions regarding this report may be directed to me at  
(510) 236-9139.

Best Regards,

Karen E. Petryna  
Project Coordinator  
Texaco Environmental Services

KEP:eg  
P:\EG\KEPCVRS\1127POTW.CVR

Mr. Safa Toma  
September 30, 1994  
Page 2

Enclosure

cc: Mr. Thomas Peacock  
Alameda County Environmental Health Department  
80 Swan Way, Room 200  
Oakland, CA 94621

RAOFile-UCPFile (w/enclosure)  
RRZielinski (w/o enclosure)

PR RD



**EBMUD PERMIT ACCOUNT NO. 502-74621**  
**SELF MONITORING REPORT SUMMARY**  
**DATE SAMPLED: SYSTEM OFF**

Reporting Period: 05/01/94 to 07/31/97  
 Permittee: Texaco Environmental Services  
 Site Name: Former Texaco Service Station  
 Site Address: 1127 Lincoln Ave., Alameda, CA

Due Date: 08/31/94  
 EBMUD Permit: #502-74621

Company Contact: Karen Petryna  
 Mailing Address: 108 Cutting Boulevard  
Richmond, CA 94804  
 Phone Number: (510) 236-9139

Consultant: Groundwater Technology, Inc.  
 Address: 1401 Halyard Drive, Suite 140  
West Sacramento, CA 95691  
 Contact: Brian Garber  
 Phone Number: (916) 372-4700

Any violation of waste discharge requirement during this period? Yes \_\_\_\_\_ No X  
 If yes, include attachment describing violation and corrective actions taken.

**NOTE: System was not operational during this reporting period.**

**GROUNDWATER DISCHARGE DATA**

| Sample Location | Flow Rate (gpm) | Totalizer Readings (gallons) | Cumulative Volume (gallons) |
|-----------------|-----------------|------------------------------|-----------------------------|
| Influent        | 0               | N/A                          | 0                           |
| Effluent        | 0               | N/A                          | 0                           |

Flow Rate for this reporting period: \_\_\_\_\_ 0

Total Volume Discharged Groundwater for this reporting period: \_\_\_\_\_ 0


**QUARTERLY REPORTING**

| Sample Location | TPH-G (ppb) | Benzene (ppb) | Toluene (ppb) | Ethylbenzene (ppb) | Xylenes (ppb) |
|-----------------|-------------|---------------|---------------|--------------------|---------------|
| Influent        | ---         | ---           | ---           | ---                | ---           |
| Effluent        | ---         | ---           | ---           | ---                | ---           |
| Carbon Influent | ---         | ---           | ---           | ---                | ---           |

**Explanation:**  
 TPG-G = Total petroleum hydrocarbons-as-gasoline  
 --- = Not Analyzed  
 gpm = Gallons per minute  
 pgd = Gallons per day  
 NM = Not measured  
 ppb = Parts per billion  
 N/A = Not applicable  
 umhos/cm = Micromhos per centimeter  
 g/day = Grams per day  
 ND = Not detected

Note: Certified analytical laboratory reports enclosed.

Company: Groundwater Technology, Inc.

Signature:   
 Brian H. Garber  
 Project Manager

Date: 8/29/94



Texaco Refining  
and Marketing Inc

106 Cutting Boulevard  
Richmond CA 94804

ALCO  
HAZMAT

94 SEP -7 PM 3:17

JPLS

September 1, 1994

ENV - STUDIES, SURVEYS & REPORTS

Former Texaco Service Station  
1127 Lincoln Avenue, Alameda, CA  
EBMUD Account No. 502-74621

Mr. Safa Toma  
East Bay Municipal Utility District  
Source Control Division, M.S. 702  
P.O. Box 24055, 375 11th Street,  
Mail slot #702  
Oakland, California 94623

Dear Mr. Toma:

Enclosed is the Self-Monitoring Report Summary, dated August 31, 1994, for the subject site.

Regarding the above-referenced report,

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Any questions regarding this report may be directed to me at (510) 236-9139.

Best Regards,

Karen E. Petryna  
Project Coordinator  
Texaco Environmental Services

KEP:ej  
P:\EG\KEPCVRS\1127PCTW.CVR

Mr. Safa Toma  
September 1, 1994  
Page 2

Enclosure

cc: Mr. Thomas Peacock  
Alameda County Environmental Health Department  
80 Swan Way, Room 200  
Oakland, CA 94621

RAOFile-UCPFile (w/enclosure)  
RRZielinski (w/o enclosure)

PR RD

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

August 23, 1994

Ms. Karen E. Petryna  
Texaco Refining and  
Marketing Inc.  
108 Cutting Blvd.  
Richmond, CA 94804

Alameda County CC 4580  
Health Care Services Agency  
Dept. Of Environmental Health  
1131 Harbor Bay Pkwy 2nd Flr.  
Alameda, CA 94502-6577

STID 3566

Re: Work plan for 1127 Lincoln Ave., Alameda, California

Dear Ms. Petryna,

This office has reviewed your August 1, 1994 addendum to RESNA's February 22, 1994 work plan for investigations at the above site. The work plan, in conjunction with the addendum, is acceptable to this office, with the following requirements:

- o Additional information should be provided on the slope of the utility lines to better assess the potential flow direction along these lines;
- o The well construction details should be submitted to this office before installing the proposed well; and
- o A timetable shall be submitted outlining the implementation of the various phases of proposed work.

The above information shall be submitted prior to implementing proposed investigations at the site.

If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,

Juliet Shin  
Hazardous Materials Specialist

cc: Edgar Howell



July 21, 1994

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
1131 HARBOR BAY PARKWAY, 2ND FLOOR  
ALAMEDA, CA 94502-6577

Mr. Tom Hargett  
Texaco Refining and  
Marketing Company  
10 Universal City Plaza  
Universal City, CA 91608

STID 3566

RE: Required investigations at Former Texaco Service Station,  
located at 1127 Lincoln Avenue, Alameda, California

NOTICE OF VIOLATION

Dear Mr. Hargett,

In June 6, 1994, this office sent you a letter requiring Texaco to submit an addendum to RESNA's February 1994 work plan by July 5, 1994 (Please refer to the attached copies of the March 15, 1994 and June 6, 1994 letters). As stated in the County's previous letters, RESNA's February 1994 work plan did not address the installation of wells downgradient from the site or the potential for nearby utility lines to act as conduits for contaminant migration. To this date, this office has not received the addendum or any communication as to the status of this required work.

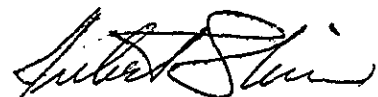
Texaco is required to submit a work plan addressing the concerns outlined in the March 15, 1994 and June 6, 1994 letter **within 45 days of the date of this letter**. This is a formal request for a technical report, pursuant to **Section 2722 Article 11 Title 23 California Code of Regulations**. Failure to furnish this technical report can result in fines of up to \$1,000 per day, pursuant to **Section 13268(b) of the California Water Code**.

Lastly, please be reminded that the next quarterly ground water monitoring report for the site is due to this office by the end of July 1994. Per Article 5 Title 23 California Code of Regulations and the Regional Water Quality Control Board's guidelines, quarterly ground water monitoring and reporting are to continue until this site qualifies for case closure.

If you have any questions or comments, please contact me at (510) 337-2874 or (510) 337-2864.

Mr. Tom Hargett  
Re: 1127 Lincoln  
July 21, 1994  
Page 2 of 2

Sincerely,



Juliet Shin  
Hazardous Materials Specialist

**ATTACHMENTS**

cc: Gil Jensen, Alameda County District Attorney's Office

Mr. Leo Pagano  
1104 Fountain St.  
Alameda, CA 94501

Jeanne Buckthal  
RESNA  
3315 Almaden Expressway, Ste 34  
San Jose, CA 95118

Edgar Howell-File(JS)

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

July 21, 1994

Mr. Tom Hargett  
Texaco Refining and  
Marketing Company  
10 Universal City Plaza  
Universal City, CA 91608

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
1131 HARBOR BAY PARKWAY, 2ND FLOOR  
ALAMEDA, CA 94502-6577

STID 3566

RE: Required investigations at Former Texaco Service Station,  
located at 1127 Lincoln Avenue, Alameda, California

NOTICE OF VIOLATION

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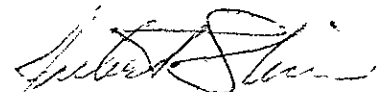
Texaco is required to submit a work plan addressing the concerns outlined in the March 15, 1994 and June 6, 1994 letter **within 45 days of the date of this letter**. This is a formal request for a technical report, pursuant to **Section 2722 Article 11 Title 23 California Code of Regulations**. Failure to furnish this technical report can result in fines of up to **\$1,000 per day**, pursuant to **Section 13268(b) of the California Water Code**.

Lastly, please be reminded that the next quarterly ground water monitoring report for the site is due to this office by the end of July 1994. Per Article 5 Title 23 California Code of Regulations and the Regional Water Quality Control Board's guidelines, quarterly ground water monitoring and reporting are to continue until this site qualifies for case closure.

If you have any questions or comments, please contact me at (510) 337-2874 or (510) 337-2864.

Mr. Tom Hargett  
Re: 1127 Lincoln  
July 21, 1994  
Page 2 of 2

Sincerely,



Juliet Shin  
Hazardous Materials Specialist

**ATTACHMENTS**

cc: Gil Jensen, Alameda County District Attorney's Office

Mr. Leo Pagano  
1104 Fountain St.  
Alameda, CA 94501

Jeanne Buckthal  
RESNA  
3315 Almaden Expressway, Ste 34  
San Jose, CA 95118

Edgar Howell-File(JS)



ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



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

June 6, 1994

Mr. Tom Hargett  
Texaco Refining and  
Marketing Company  
10 Universal City Plaza  
Universal City, CA 91608

STID 3566

Re: Required investigations at Former Texaco Service Station,  
located at 1127 Lincoln Avenue, Alameda, California

Dear Mr. Hargett,

On January 12, 1994, this office sent Texaco a letter requiring the submittal of a work plan to address the installation of off-site wells to delineate the extent of the observed ground water contaminant plume on site. In February 1994, a work plan, prepared by RESNA, was submitted to this office. This work plan was not acceptable to this office due to the reasons outlined in the attached March 15, 1994 letter.

The work plan did not address the placement of wells or borings in the primary downgradient direction, which is to the northwest. Per my conversation with Jeanne Buckthal, RESNA, in March 1994, she stated that there were no accessible areas immediately downgradient of the site where any borings or wells could be placed. I conducted a site reconnaissance on April 28, 1994, and found one possible location northwest of the site, located in the parking lot of an apartment complex at 1617 Bay.

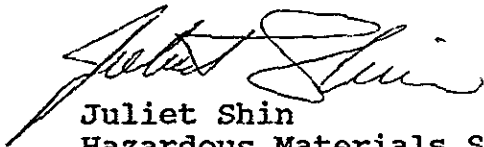
Another issue of concern, which the work plan did not address, was the potential for the ground water contaminant plume to migrate along the utility lines running along Bay Street.

In the March 15, 1994 letter, this office required Texaco to submit an addendum to the workplan, addressing all the bulleted items, by April 26, 1994. To this date, this office has not received this addendum or any correspondence as to the status of this revised work plan.

You are required to submit the revised work plan to this office within 30 days of the date of this letter. If you have any questions or comments, please contact me at (510) 271-4530.

Mr. Tom Hargett  
Re: 1127 Lincoln  
June 6, 1994  
Page 2 of 2

Sincerely,



Juliet Shin  
Hazardous Materials Specialist

**ATTACHMENT**

cc: Mr. Leo Pagano  
1104 Fountain St.  
Alameda, CA 94501

Jeanne Buckthal  
RESNA  
3315 Almaden Expressway, Ste 34  
San Jose, CA 95118

Philip J. Mayberry  
RESNA  
3315 Almaden Expressway, Ste 34  
San Jose, CA 95118

~~Edgar Howell-File(JS)~~

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



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DEPARTMENT OF ENVIRONMENTAL HEALTH  
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June 6, 1994

Mr. Tom Hargett  
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STID 3566

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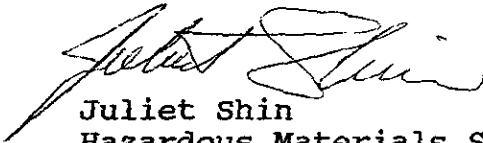
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Mr. Tom Hargett  
Re: 1127 Lincoln  
June 6, 1994  
Page 2 of 2

Sincerely,



Juliet Shin  
Hazardous Materials Specialist

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cc: Mr. Leo Pagano  
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Alameda, CA 94501

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



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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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

March 15, 1994

Mr. Robert Robles  
Texaco Refining and  
Marketing Company  
10 Universal City Plaza  
Universal City, CA 91608

STID 3566

Re: Work plan for Former Texaco Service Station, located at 1127  
Lincoln Avenue, Alameda, California

Dear Mr. Robles,

This office has reviewed RESNA's work plan, dated February 22, 1994, addressing the collection of "grab" ground water samples from six proposed borings. This work plan is **unacceptable** to this office for the following reasons:

- o This work plan does not address ground water investigations immediately downgradient of the known contaminant plume. The last three quarterly monitoring events determined that the ground water gradient was towards the northwest and northeast. None of the proposed borings address these downgradient directions. This work plan must address the sampling of ground water, and eventual installation of monitoring wells, in these downgradient directions.
- o According to the City of Alameda, there are two 8-inch sanitary sewer lines running beneath the center of and parallel to Bay Street. The tops of these two sanitary sewer lines are located approximately 6 to 8 feet below ground surface (bgs), which lies within the range of varying ground water depths at the site. To date, the depth-to-ground water at the site has fluctuated between 5.3 feet and 9.68 feet bgs. Therefore, this office is concerned that these utility lines may be acting as a conduit for the migration of the contaminant plume. Further investigations are required to determine whether this is the case. Information from on-site investigations already suggest that this may be the case. For example, Wells MW-1 and MW-2, located along the east boundary of the site, have identified very elevated levels of contaminants in the past, however, Well MW-7,

Mr. Robert Robles  
Re: 1127 Lincoln Ave.  
March 15, 1994  
Page 2 of 3

located downgradient of these wells has historically had NonDetect results. This could partially be due to the contaminant plume having preferentially migrated along the utility lines.

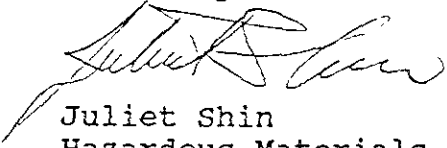
Part of the required investigations should determine the slope of the sanitary sewer lines and address ground water sampling along the sewer lines. Although RESNA has proposed a number of borings to the north of the site, along Bay Street, at least one additional boring is required to the east of the site, and west of the utility lines along Bay Street.

- o Prior to the installation of any additional monitoring wells, a figure showing the proposed locations of the wells shall be submitted to this office for our review. Per my conversation with Jeanne Buckthal, RESNA, on March 15, 1994, an additional work plan containing the proposed monitoring well locations, will be submitted to this office subsequent to obtaining the results from the "grab" ground water samples. This work plan will be due **within 45 days** after completing field activities.
- o Lastly, please be reminded that when the monitoring wells are installed, they shall screen adequately above and below the water table to account for seasonal fluctuations (standardly 5 feet above and 10 feet below the water table). Soil samples shall be collected at 5-foot intervals, changes in lithology, and at the soil/water interface during the well installations.

An addendum addressing the above concerns shall be submitted to this office **within 30 days** of the date of this letter for our review.

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

Sincerely,

  
Juliet Shin  
Hazardous Materials Specialist

Mr. Robert Robles  
Re: 1127 Lincoln Ave.  
March 15, 1994  
Page 3 of 3

cc: Mr. Leo Pagano  
1104 Fountain St.  
Alameda, CA 94501

Jeanne Buckthal  
RESNA  
3315 Almaden Expressway, Ste 34  
San Jose, CA 95118

Philip J. Mayberry  
RESNA  
3315 Almaden Expressway, Ste 34  
San Jose, CA 95118

~~Edgar Howell (US)~~

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
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80 Swan Way, Rm 200  
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March 15, 1994

Mr. Robert Robles  
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Mr. Robert Robles  
Re: 1127 Lincoln Ave.  
March 15, 1994  
Page 2 of 3

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An addendum addressing the above concerns shall be submitted to this office **within 30 days** of the date of this letter for our review.

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

Sincerely,



Juliet Shin  
Hazardous Materials Specialist

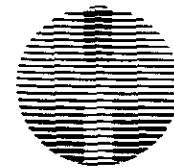
Mr. Robert Robles  
Re: 1127 Lincoln Ave.  
March 15, 1994  
Page 3 of 3

cc: Mr. Leo Pagano  
1104 Fountain St.  
Alameda, CA 94501

Jeanne Buckthal  
RESNA  
3315 Almaden Expressway, Ste 34  
San Jose, CA 95118

Philip J. Mayberry  
RESNA  
3315 Almaden Expressway, Ste 34  
San Jose, CA 95118

Edgar Howerl - file (JS)



February 21, 1994

Mr. Robert Robles  
Environmental Project Coordinator  
Texaco Environmental Services  
10 Universal City Plaza, 7<sup>th</sup> Floor  
Universal City, California 91608

Subject: Executive Summary to the SUMMARY REPORT for the Remediation System Operating at the Former Texaco Service Station, 1127 Lincoln Avenue, Alameda, California.

Mr. Robles:

California Environmental Engineers & Contractors (CEECON) is submitting the attached SUMMARY REPORT for the remediation system installed at the subject site.

Prior investigations indicate that soil and groundwater have been impacted by gasoline petroleum hydrocarbons on site, and that groundwater may have been impacted by petroleum hydrocarbons on adjacent properties. A WORKPLAN FOR THE INSTALLATION AND OPERATION OF AN INTERIM SOIL AND GROUNDWATER REMEDIATION SYSTEM was submitted by TES to the Alameda Health Care Service Agency (AHCSA) on April 5, 1993. CEECON manufactured, permitted, and installed a W-2000 vapor-extraction system (VES), and a 0-10 gallon-per-minute (GPM) groundwater-treatment system (GTS) for this site. These two systems combine to form a remediation system designed to maximize the removal rate of gasoline-petroleum hydrocarbons from beneath the site, and to prevent further off-site migration of dissolved petroleum hydrocarbons.

The VES extracts and treats hydrocarbon-bearing vapor from vapor-extraction wells VW-1, VW-2, VW-3, VW-4, and VW-5, groundwater-monitoring wells MW-1, MW-2, MW-5, and treats hydrocarbon-bearing vapor from the groundwater aeration portion of the GTS. The GTS is extracting groundwater from groundwater-monitoring wells MW-1, MW-2, MW-5. The SUMMARY REPORT summarizes the operation of the remediation system since system start-up, the results of laboratory analyses for extracted vapor and groundwater samples and discharge vapor and water samples, and the progress of remediation activities at this site. The attached report includes the following summary:

## SUMMARY

Results of laboratory analyses of vapor and water samples indicate that both the VES and GTS have operated within permit requirements. Results of laboratory analyses of vapor samples collected from the VES indicate that hydrocarbon concentrations in extracted vapor have decreased significantly at the site since the installation of the VES. Initial TPHg concentrations in extracted groundwater from the site showed concentrations of several thousand parts per billion. These concentrations soon declined as groundwater was removed from groundwater extraction well MW-5. Recent concentrations of TPHg have increased in groundwater samples extracted from wells MW-1, and MW-2.

Extracting groundwater from the three combination wells has created a significant depression in groundwater surface elevation in the immediate vicinity of the areas with the highest reported hydrocarbon concentrations in soil and groundwater. Extracting vapor from the five vapor-extraction wells and the three combination wells has significantly reduced the hydrocarbon concentrations in soil vapor. Continued operation of the VES and GTS is anticipated to further reduce hydrocarbon concentrations in soil and groundwater.

## RECOMMENDATIONS

Based on laboratory analytical results, CEECON recommends the following:

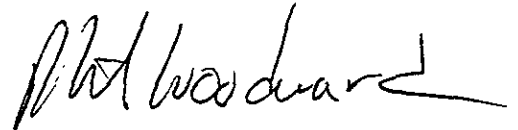
- Continue to operate the VES through February 1994 to further reduce petroleum hydrocarbon levels at the site.
- Continue to collect influent and effluent vapor samples from the VES, and continue to survey vapor concentrations in on-site vapor-extraction and groundwater-extraction wells. Submit the vapor samples for laboratory analysis for TPHg and BTEX, and adjust the extraction wells to maximize the rate of hydrocarbon removal from the site.
- Continue to operate the GTS and collect individual extraction well, combined influent, and effluent water samples from the GTS. Submit the water samples for laboratory analysis as required by EBMUD.
- In March of 1994, prepare a performance report that will evaluate both system's performance and estimate the extent of hydrocarbons remaining in the soil beneath the site. After evaluating the effectiveness of the VES, either remove or modify the VES.

Executive Summary  
Former Texaco Service Station, 1127 Lincoln Avenue, Alameda, CA

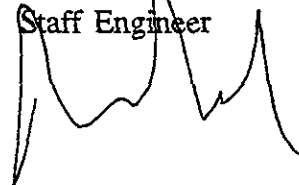
January 31, 1994  
CEECON

Please call if you have any questions regarding the attached SUMMARY REPORT.

Sincerely,  
CEECON



Phil Woodward  
Staff Engineer



Michael Hodges  
President

Attachment: SUMMARY REPORT

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



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 12, 1994

Mr. Robert Robles  
Texaco Refining and  
Marketing Company  
10 Universal City Plaza  
Universal City, CA 91608

STID 3566

Re: Investigations at the Former Texaco Service Station,  
located at 1127 Lincoln Avenue, Alameda, California

Dear Mr. Robles,

This office has reviewed RESNA's quarterly report, dated December 8, 1993. Due to the operation of the vapor extraction system, it appears that you are unable to monitor one of the downgradient monitoring wells, Well MW-5, which has historically identified the most elevated contaminant concentrations out of all the site monitoring wells. Additionally, it appears that the ground water contaminant plume has not yet been fully delineated.

Due to the fact that Well MW-5 is not accessible for ground water monitoring and that the plume has not yet been fully delineated, you are required to install additional monitoring wells downgradient of the site, per **Section 2725(a), Article 11, Title 23 California Code of Regulations**. You are required to submit a work plan to this office **within 45 days** of the date of this letter addressing this work.

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

Sincerely,

A handwritten signature in cursive script, appearing to read "Juliet Shin".

Juliet Shin  
Hazardous Materials Specialist

cc: Mr. Leo Pagano  
1104 Fountain St.  
Alameda, CA 94501

Edgar Howell-File(JS)



## Transmittal Sheet

93 JUL 23 PM 1:27

Document            **START-UP NOTIFICATION FOR VAPOR-EXTRACTION SYSTEM**

From                Patrick B. Lamb  
CEECON  
1517 Palmetto Avenue, Suite 4  
Pacifica, California 94044  
TEL: (415) 738-1115  
FAX: (415) 738-1117

Sent to             Mr. Scott Owen  
Bay Area Air Quality Management District  
939 Ellis Street  
San Francisco, California 94109

Copy Sent to      Mr. Robert Robles  
Texaco Environmental Services  
10 Universal City Plaza, 7<sup>th</sup> Floor  
Universal City, California 91608  
TEL: (818) 505-2476  
FAX: (818) 505-2129

Ms. Juliet Shin  
Alameda County Health Care Service Agencies  
Department of Environmental Health  
Hazardous Materials Division  
80 Swan Way, Room 200  
Oakland, California 95621

Mr. Richard Hiett  
California Regional Water Quality Control Board  
San Francisco Bay Region  
2101 Webster Street, Suite 500  
Oakland, California 94612

Texaco Proj. No.    **TRR222**  
CEECON Proj. No.  115-106

Site                Former Texaco Service Station  
1127 Lincoln Avenue  
Alameda, California

Via                 U.S. Priority Mail

Date                July 19, 1993



July 19, 1993

Mr. Scott Owen  
Bay Area Air Quality Management District  
939 Ellis Street  
San Francisco, California 94109

Subject: Start-up letter for an Interim Soil Remediation System at 1127 Lincoln Avenue, Alameda, California. Application number 10719.

Mr. Cave:

California Environmental Engineers & Contractors (CEECON) is notifying the Bay Area Air Quality Management District that our *Start-up* for a vapor extraction system at the subject site will begin on July 27, 1993 at 9:00 a.m.

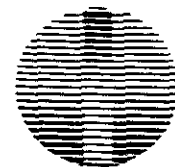
Please call if you have any questions regarding this notification.

Sincerely,  
CEECON

Patrick B. Lamb  
Applications Engineer

cc: Mr. Robert Robles, Texaco Environmental Services  
Captain Steve McKinley, Alameda Fire Department  
Ms. Juliet Shin, Alameda Health Care Services Agency  
Mr. Richard Hiett, California Regional Water Quality Control Board





# Transmittal Sheet

Document                      **SUMMARY REPORT**

To                                Mr. Robert Robles  
                                      Environmental Project Coordinator  
                                      Texaco Environmental Services  
                                      10 Universal City Plaza, 7<sup>th</sup> Floor  
                                      Universal City, California 91608  
                                      TEL: (818) 505-2476  
                                      FAX: (818) 505-2129

From                              Phil Woodward  
                                      Staff Engineer  
                                      CEECON  
                                      1517 Palmetto Avenue, Suite 4  
                                      Pacifica, California 94044  
                                      TEL: (415) 738-1115  
                                      FAX: (415) 738-1117

Site                                Former Texaco Station  
                                      1127 Lincoln Avenue  
                                      Alameda, California.

Texaco Job Number            FRR267-C  
Project Number                115-106.06

Draft/Final                      Final  
Via                                 UPS Next Day Air

Date                                February 21, 1994

Mr. Robles -

Attached please find the SUMMARY REPORT for the remediation system at the 1127 Lincoln Avenue site. I made the changes we discussed earlier today and have included maps that show all site wells. Please call if you have any questions regarding the report.

- Phil

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



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

April 20, 1993

Mr. Robert Robles  
Texaco Refining and  
Marketing Company  
10 Universal City Plaza  
Universal City, CA 91608

STID 3566

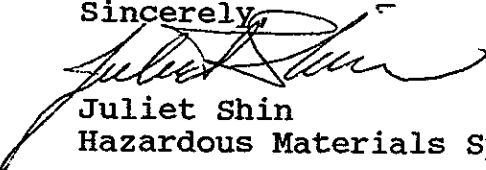
Re: Approval of work plan for Former Texaco Service Station,  
located at 1127 Lincoln Avenue, Alameda, California

Dear Mr. Robles,

This office has reviewed the work plan, dated April 5, 1993, for the installation and operation of an Interim Soil and Ground water Remediation System. This work plan is acceptable to this office.

This work plan shall be implemented within 60 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: Richard Hiett, RWQCB

Dave Higgins  
RESNA  
3315 Almaden Expressway, Ste 34  
San Jose, CA 95118

Mr. Leo Pagano  
1104 Fountain Street  
Alameda, California 94501

Edgar Howell-File(JS)

## STATE WATER RESOURCES CONTROL BOARD

DIVISION OF CLEAN WATER PROGRAMS

2014 T STREET, SUITE 130

P.O. BOX 944212

SACRAMENTO, CALIFORNIA 94244-2120

(916) 227-4413

(916) 227-4530 (FAX)



Mr. Leo Pagano  
1104 Fountain Street  
Alameda, CA 94501

Dear Mr. Pagano:

**UNDERGROUND STORAGE TANK CLEANUP FUND, CLAIM NO. 2526**

The State Water Resources Control Board (State Board) takes pleasure in issuing the attached Letter of Commitment in an amount not to exceed \$31,000. This Letter of Commitment is based upon our review of the corrective action costs incurred to date and your application received on January 17, 1992 and may be modified by the State Board in writing by an amended Letter of Commitment.

The State Board will take steps to withdraw this Letter of Commitment after 90 calendar days from the date of this transmittal letter unless you proceed with due diligence with your cleanup effort. This means that you must take positive, concrete steps to ensure that corrective action is proceeding with all due speed. For example, if you have not started your cleanup effort, you must obtain three bids and sign a contract with one of these bidders within 90 calendar days. If your cleanup effort has already started and was delayed, you must resume the expenditure of funds to ensure that your cleanup is proceeding in an expeditious manner. You are reminded that you must comply with all regulatory agency time schedules and requirements. We constantly review the status of all active claims, and failure to proceed with due diligence will be grounds for withdrawal of this Letter of Commitment.


You should read the terms and conditions listed in the Letter of Commitment.

Also attached is a "Reimbursement Request" package. The package includes :

- Instructions for the completion of the "Reimbursement Request" form and should be followed when seeking reimbursement for corrective action costs incurred after January 1, 1988.
- A "Reimbursement Request - Underground Storage Tank Cleanup Fund" form which you must use to request reimbursement of costs incurred.
- A "Spreadsheet" which you must use in conjunction with your Reimbursement Request.
- Samples of two completed Reimbursement Request forms and associated spreadsheets.
- A "Bid Summary Sheet" to document data on bids received.
- Recommended Minimum Invoice Cost Breakdown.
- A "Certification of Non-Recovery From Other Sources" which must be returned before any reimbursements can be made.

If you have any questions regarding the Letter of Commitment or the Reimbursement Request package, please contact Blessy Torres at (916) 227-4535.

Sincerely,

  
Dave Deaner, Manager  
Underground Storage Tank  
Cleanup Fund Program

Attachments

cc: Ariu Levi  
Alameda County Department  
of Environmental Health  
80 Swan Way, Room 200  
Oakland, CA 94621

Luis Rivera  
California Regional Water  
Quality Control Board, North Coast Region  
5550 Skyline Blvd., Suite A  
Santa Rosa, CA 95403

# LETTER OF COMMITMENT FOR REIMBURSEMENT OF COSTS

CLAIM NO: 002526

AMENDMENT NO: 0

CLAIMANT: L. Pagano

BALANCE FORWARD: \$0

CO-PAYEE: None

THIS AMOUNT: \$31,000

CLAIMANT ADDRESS: 1104 Fountain Street  
Alameda, CA 94501

NEW BALANCE: \$31,000

TAX ID / SSA NO. 546-14-3015

Subject to availability of funds, the State Water Resources Control Board (State Board) agrees to reimburse Leo Pagano (Claimant) for eligible corrective action costs at 1127 Lincoln Avenue, Alameda, CA 94501 (Site). The commitment reflected by this Letter is subject to all of the following terms and conditions:

1. Reimbursement shall not exceed \$31,000 unless this amount is subsequently modified in writing by an amended Letter of Commitment.
2. The obligation to pay any sum under this Letter of Commitment is contingent upon availability of funds. In the event that sufficient funds are not available for reasons beyond the reasonable control of the State Board, the State Board shall not be obligated to make any disbursements hereunder. If any disbursements otherwise due under this Letter of Commitment are deferred because of unavailability of funds, such disbursements will promptly be made when sufficient funds do become available. Nothing herein shall be construed to provide the Claimant with a right of priority for disbursement over any other claimant who has a similar Letter of Commitment.
3. Unless modified in writing by the State Board, this Letter of Commitment covers work through Phase 2 of corrective action work.
4. All costs for which reimbursement is sought must be eligible for reimbursement and the Claimant must be the person entitled to reimbursement thereof.
5. Claimant must at all times be in compliance with all applicable state laws, rules and regulations and with all terms, conditions, and commitments contained in the Claimant's Application and any supporting documents or in any payment requests submitted by the Claimant.
6. No disbursement under this Letter of Commitment will be made except upon receipt of acceptable Standard Form Payment Requests duly executed by or on behalf of the Claimant. All Payment Requests must be executed by the Claimant or a duly authorized representative who has been approved by the Division of Clean Water Programs.
7. Any and all disbursements payable under this Letter of Commitment may be withheld if the Claimant is not in compliance with the provisions of Paragraph 5 above.
8. Neither this Letter of Commitment nor any right thereunder is assignable by the Claimant without the written consent of the State Board. In the event of any such assignment, the rights of the assignee shall be subject to all terms and conditions set forth in this Letter of Commitment and the State Board's consent.
9. This Letter of Commitment may be withdrawn at any time by the State Board if completion of corrective action is not performed with reasonable diligence.

IN WITNESS WHEREOF, this Letter of Commitment has been issued by the State Board this 22nd day of March, 1993.

STATE WATER RESOURCES CONTROL BOARD

BY Ron Markle  
Manager, Underground Storage Tank Cleanup Fund Program

BY James B. Sullivan  
Chief, Division Administrative Services

|  |
|--|
| STATE USE<br>CALSTAR'S CODING<br>0550 - 632 02 - 34530<br>\$ _____ |
|--|

# DETAILED REVIEW CHECKLIST

*1st. For RECORDS - Arrive*

|                        |   |                 |          |
|------------------------|---|-----------------|----------|
| CLAIM NO.: 2526        | REGION: 1                                       | COUNTY: ALAMEDA | CODE: 61 |
| PRIORITY ASSIGNED: B   | LEAD AGENCY ALAMEDA COUNTY DEPT. OF ENV. HEALTH |                 |          |
| CURRENT RANK: 418      | AND   |                 |          |
| DATE REVIEWED: 1-26-93 | CONTACT PERSON:                                 |                 |          |
| REVIEWER: m-30         | PHONE NO.:                                      |                 |          |

SITE NAME: *Lewis Bay St. Auto Service*

SITE ADDRESS: *1127 Lincoln Ave. Alameda, CA*

| CLAIMANT INFORMATION   | ACC.  | REJ. | HOW INFORMATION WAS VERIFIED                  |
|--|---|------|---|
| <b>I. Claimant Identification</b>  |   |      |   |
| 1. Claimant is/was the owner and/or operator of the leaking UST?   | <input checked="" type="checkbox"/>   |      | <i>Removal permit</i>                         |
| 2. Have all applicable past and current UST owners/operators been identified?  | <input checked="" type="checkbox"/>   |      | <i>Taxes and application</i>                  |
| 3. All required tax ID numbers provided?   | <input checked="" type="checkbox"/>   |      | <i>Taxes</i>                                  |
| 4. Date site/tanks acquired verified?  | <input checked="" type="checkbox"/>   |      | <i>Application</i>                            |
| <b>II. Statement of Costs</b>  |   |      |   |
| 1. Valid third party claim?  | <i>N/A</i>  |      |   |
| 2. Claimed corrective action costs exceed \$10,000?  | <input checked="" type="checkbox"/>   |      | <i>Application</i>                            |
| <b>III. Joint Claimant</b>   |   |      |   |
| 1. Joint Claimant is an owner and/or operator?   | <i>N/A</i>  |      |   |
| 2. Tax ID number provided?   | <i>N/A</i>  |      |   |
| 3. Joint Claimant's priority class verified?   | <i>N/A</i>  |      |   |
| <b>IV. Co-Payee</b>  |   |      |   |
| 1. Tax ID No. provided?  | <i>N/A</i>  |      |   |
| 2. Mailing address/phone no. provided?   | <i>N/A</i>  |      |   |
| <b>V. Contamination Site/Occurrence Description*</b>   |   |      |   |
| 1. Description of tank and use verified?   | <input checked="" type="checkbox"/>   |      | <i>Closure plan</i>                           |
| 2. Registered farm tank?   | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                             |      | <i>App</i>                                    |
| 3. Leaking tank contained eligible substance?  | <input checked="" type="checkbox"/>   |      | <i>Closure plan</i>                           |
| 4. Is there any evidence that the UAR was the result of a spill, overflow or gross negligence?                       | <input checked="" type="checkbox"/>   |      | <i>none indicated in Alameda County files</i> |
| 5. If claimant submitted more than one claim for the site, each claim is for a separate occurrence?                  | <i>N/A</i>  |      |   |
| 6. Site map provided?  | <i>N/A</i>  |      | <i>Application</i>                            |
| <b>VII. Priority Class Worksheet</b>   |   |      |   |
| 1. Claimant's priority verified?   | <input checked="" type="checkbox"/>   |      |   |
| 2. Claimant was both the owner and operator at time of leak discovery?   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>                             |      | <i>Application rck rept. signed URF</i>       |
| 3. Claimant is the current owner and operator?   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> |      | <i>Tanks removed 9/1/89</i>                   |
| 4. If either question = No, other party(s) priority class was verified?  | <i>N/A</i>  |      |   |
| <b>VIII. Priority Class Designation</b>  |   |      |   |
| <b>A. Priority Class A</b>   |   |      |   |
| <b>Residential Motor Fuel Tanks</b>  |   |      |   |
| 1. UST located at the residence of a person and property zoned residential use only at time of leak discovery?       |   |      |   |
| 2. UST located at property improved by an owner-occupied single family dwelling or duplex at time of leak discovery? |   |      |   |
| 3. UST was not used for agricultural purposes or for resale on or after 1/1/85?                                      |   |      |   |
| <b>OR</b>  |   |      |   |
| <b>Residential Small Home Heating Oil Tanks</b>  |   |      |   |
| 4. UST located at the residence of a person at time of leak discovery?   |   |      |   |
| 5. UST located at property improved by an owner-occupied single family dwelling or duplex at time of leak discovery? |   |      |   |
| 6. UST has a capacity of 1,100 gallons or less?  |   |      |   |
| 7. UST is used only to store home heating oil for consumptive use on property?                                       |   |      |   |
| 8. UST was not located on agricultural property on or after 1/1/85?  |   |      |   |

DETAILED REVIEW CHECKLIST -- CONT'D PAGE 2

CLAIM NO. 2526

LOCAL AGENCY NO. 3566-341025 ✓

| CLAIMANT INFORMATION   | ACC/REJ. | HOW INFORMATION WAS VERIFIED          |
|--|----------|---------------------------------------|
| <b>B. Priority Class B</b><br>Financial Review Team has determined that the claimant qualifies for Priority Class B. |          |                                       |
| <b>C. Priority Class C</b><br>Financial Review Team has determined that the claimant qualifies for Priority Class C. | N/A      |                                       |
| <b>IX. Eligibility Requirements*</b>   |          |                                       |
| 1. UAR reporting requirements satisfied and date release discovered verified?  | ✓        | Signed URF, Release Rpt.              |
| 2. If property acquired after 1/1/84, claimant exercised due diligence or previous owner was eligible?               | N/A      |                                       |
| 3. Claimant either had or applied for a permit by 1/1/90, or was able to substantiate why not obtained?              | ✓        | Tank removed 9/11/89                  |
| 4. UST is not grossly out of compliance with permit requirements?  | N/A      | " "                                   |
| 5. Claimant was required to initiate corrective action?  | ✓        | Letter from Alameda County (12/28/89) |
| 6. If claimant discovered UAR prior to 1/1/88 required corrective action was initiated on or before 6/30/88?         | N/A      | URF                                   |
| 7. Corrective action is in compliance with regulatory requirements?  |          | SEE PAGE 3 OF CHECKLIST               |
| 8. Claimant is in compliance with financial responsibility requirements?   | N/A      | Tanks removed 9/11/89.                |
| <b>X-XII. Certifications/Agreements/Statements/Verification</b>  |          |                                       |
| 1. Claim contains original signatures of all claimants and joint claimants?  | ✓        | Application                           |
| 2. Required documentation was submitted for authorized representative?   | N/A      | Claimant signed                       |
| <b>PROBLEM AREAS AND ANY ADDITIONAL COMMENTS</b>   |          |                                       |
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\* Compliance with requirements for items listed in Section V. (Contamination Site/Occurrence Description) and Section IX (Eligibility Requirements) may require lead agency confirmation. Any items that cannot be verified through the applicant and which will require lead agency review and confirmation, should be highlighted for further review. In all cases lead agency confirmation of corrective action compliance will be required.

CLAIM NO. 2526

LOCAL AGENCY NO. \_\_\_\_\_

SITE ADDRESS 1127 Lincoln Avenue, Alameda 94501

CORRECTIVE ACTION COMPLIANCE DOCUMENTATION PAGE 3

| DATE   | ACTION REQUIRED/RESPONSE   |
|--|--|
| 12/28/89   | request up by 1/28/90  |
| 1/10/90  | mtg w/claimant & his attorney w/ consultant & DHS Env Hlth discussing proposed work & up |
| 2/8/90   | draft up by Env Bio-Systems prepared for claimant  |
| 2/4/91   | up by McLaren Hart prepared for Texaco   |
| 6/9/91   | prep initial uniest prepared " "   |
| 1/28/92  | Quarterly monitoring " " "   |
| 2/2/92   | Status Report " " "  |
| 4/20/92  | Quarterly monitoring " " "   |
| 5/18/92  | Addendum 1 to up " " "   |
| 5/19/92  | Vapor Ext Test Rpt " " "   |
| <p>Appears claimant has not incurred any cost - all work seems to be done by Texaco</p> <ul style="list-style-type: none"> <li>- Claimant incurred costs for Phase I and Phase II</li> <li>- Texaco incurred costs for Phase III &amp; Phase IV. (see application attachment)</li> </ul> <p>Claimant was in compliance <sup>through</sup> <del>up to</del> Phase II.</p> |  |

CONFIRMATION OF CORRECTIVE ACTION COMPLIANCE. After reviewing the lead agency site file, the claim reviewer has determined that the claimant is in substantial compliance with corrective action requirements

Bessy Torres  
REVIEWER'S SIGNATURE

3/5/93  
DATE SIGNED

LEAD AGENCY CONCURRENCE. As of this date, the lead agency representative concurs with the determination that the claimant is in compliance with applicable corrective action requirements

*1/1/93* Per Ariu to sign for go ahead & sign for him

Bessy Torres for Ariu Lewi  
SIGNATURE

3/19/93  
DATE SIGNED

STAFF RECOMMENDATION ( ) APPROVED ( ) REFERRED TO TEAM LEADER - See Comments, Page 2

REVIEWER'S SIGNATURE \_\_\_\_\_ DATE SIGNED \_\_\_\_\_

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

June 10, 1992

Mr. Robert Robles  
Texaco Refining and  
Marketing Company  
10 Universal City Plaza  
Universal City, CA 91608

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

STID 3566

RE: Approval of work plan for Former Texaco Service Station,  
located at 1127 Lincoln Avenue, Alameda, California

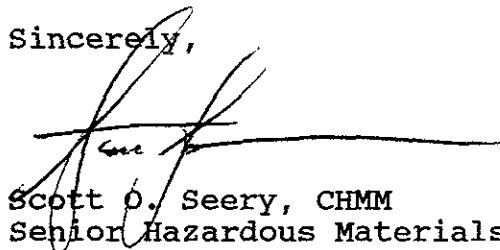
Dear Mr. Robles,

This office has reviewed the Addendum, dated May 12, 1992, to the Work Plan, for the proposed work at the above site. This Department approves of this work plan. Please keep this office updated on the progress of implementing this plan.

Per the April 15, 1992 letter this office sent you, please be reminded that you are required to collect water level measurements from at least three on-site monitoring wells on a monthly basis for 12 consecutive months, beginning in May 1992, to determine the varying groundwater gradients at the site. Such information, along with commensurate gradient maps, shall be included with the requisite quarterly reports.

Thank you for your cooperation. If you have any questions or comments please contact Juliet Shin at (510) 271-4320.

Sincerely,



Scott O. Seery, CHMM  
Senior Hazardous Materials Specialist

cc: Richard Hiett, RWQCB

Richard Quarante, Alameda Fire Dept.

Dave Higgins  
RESNA  
3315 Almaden Expressway, Ste 34  
San Jose, CA 95118

File (JS)





Bob Robles  
Environmental Coordinator  
(818) 505 2476

Texaco Refining  
and Marketing Inc

© Universal City Plaza  
Universal City, CA 91608

92 APR 25 11:20

April 22, 1992

Mr. Scott O. Seery  
ALAMEDA COUNTY DEPARTMENT OF  
ENVIRONMENTAL PROTECTION  
80 Swan Way, Room 200  
Oakland, CA 94621

SUBJECT: FORMER SERVICE STATION SITE  
1127 Lincoln Avenue  
Alameda, California

Dear Mr. Seery:

This letter will acknowledge receipt of your letter, dated April 15, 1992, whereby you request that Texaco provide Alameda County with a work plan covering additional work at the above subject property. I will forward a copy of your letter to the property owner, Mr. Pagan, and I would appreciate that in the future you copy Mr. Pagan on all correspondence pertaining to his property.

Texaco will proceed with preparation of the work plan as requested in your letter and will submit this plan for review and comments to all responsible parties. If you have any questions or wish to discuss this further, please call me at (818) 505 2476.

Very truly yours,

  
Bob Robles

RR:rr

pr—

Enclosure

cc: Mr. Leo Pagano  
1104 Fountain Street  
Alameda, California 94501

California Regional Water Quality Control Board  
San Francisco Bay Region  
Attention: Rich Hiett  
2201 Webster Street, Suite 500  
Oakland, California 94612

RRZielinski-Richmond

WATER RESOURCES CONTROL BOARD  
DIVISION OF WATER QUALITY - UST CLEANUP PROGRAM  
SITE SPECIFIC QUARTERLY REPORT  
01/01/92 THROUGH 03/31/92

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619  
StID : 3566  
SITE NAME: Bay St. Svc. Station DATE REPORTED : 09/22/89  
ADDRESS : 1127 Lincoln Ave. DATE CONFIRMED: 09/22/89  
CITY/ZIP : Alameda 94501 MULTIPLE RPs : Y

SITE STATUS  
-----

CASE TYPE: G CONTRACT STATUS: 3 EMERGENCY RESP:  
RP SEARCH: S DATE COMPLETED: 11/21/91  
PRELIMINARY ASMNT: U DATE UNDERWAY: 06/09/91 DATE COMPLETED:  
REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:  
REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:  
POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:  
ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 11/21/91  
LUFT FIELD MANUAL CONSID: 3HSCAWG  
CASE CLOSED: DATE CASE CLOSED:  
DATE EXCAVATION STARTED : 09/11/89 REMEDIAL ACTIONS TAKEN: ED,ET

RESPONSIBLE PARTY INFORMATION  
-----

RP#1-CONTACT NAME: Ron Zielowski  
COMPANY NAME: Texaco Refining & Marketing  
ADDRESS: 10 Universal City Plaza  
CITY/STATE: Universal City, Ca 91608

RP#2-CONTACT NAME: L & M. Pagano Trust  
COMPANY NAME:  
ADDRESS: 1104 Fountain St.  
CITY/STATE: Alameda, Ca 94501

---

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ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

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

April 15, 1992

Robert Robles  
Texaco Refining  
and Marketing, Inc.  
10 Universal City Plaza  
Universal City, CA 91608

STID 3566

RE: The Texaco site located at 1127 Lincoln Avenue, Alameda,  
California

Dear Mr. Robles,

Per your conversation with Ms. Shin on April 10, 1992, Texaco is in the process of putting together the plans necessary to permit the proposed vapor extraction system for the site. According to our files, five vapor extraction wells have already been installed at the site. This office appreciates your initiative to remediate the site. Please be aware that copies of all plans and proposals for the vapor extraction system should be sent to this office. Alameda County must approve these plans before soil vapor extraction can commence at the site.

Groundwater samples collected from all three of the existing monitoring wells on site have identified benzene at concentrations greatly exceeding the State's Maximum Contaminant Level of 1 ppb. In order to delineate the extent of the groundwater contaminant plume and to verify that the site is the source of all contaminants detected, it is necessary that additional monitoring wells be installed. This office is requesting that Texaco submit a work plan for the installation of additional monitoring wells. Additionally, please include a timetable giving the schedule of work events for both the installation of the additional monitoring wells and proposed vapor extraction system. This work plan is due within 45 days of the date of this letter.

The groundwater gradient has been noted to fluctuate at the site. Groundwater gradient behavior must be determined for the site in order to locate the migration pathways of contaminants for remediation purposes. Additionally, knowledge of the groundwater gradients helps to determine whether all of the identified contamination is attributable to the site. In order to better define the groundwater flow directions, this office is requesting

that Texaco collect water level measurements on a monthly basis, beginning May 1992. Such information, along with commensurate gradient maps, shall be included with the requisite quarterly reports.

This office appreciates your cooperation. If you have any questions or comments, you may contact Juliet Shin at (510) 271-4320.

Sincerely,



Scott O. Seery, CHMM  
Senior Hazardous Materials Specialist

cc: Rich Hiett, RWQCB  
Richard Quarante, Alameda Fire Dept.

*file*



RF

cc: Lester Feldman  
(RWQCB-2)  
w/ attachment

June 9, 1991

Mr. Ariu Levi  
ALAMEDA COUNTY DEPARTMENT OF  
ENVIRONMENTAL PROTECTION  
80 Swan Way, Room 200  
Oakland, CA 95621

Lewis Bay  
Street  
Service  
Station

SUBJECT: INITIAL SUBSURFACE ENVIRONMENTAL INVESTIGATION  
Site: 1127 Lincoln Avenue  
Alameda, California

CALIFORNIA REGIONAL WATER  
QUALITY CONTROL BOARD  
JUL 12 1991



Dear Mr. Levi:

Enclosed please find a report (" Initial Subsurface Environmental Investigation " dated May 7, 1991) for the above-referenced site. As you may or may not know, Texaco Refining and Marketing Inc. is assessing this property for Mr. Leo Pagano.

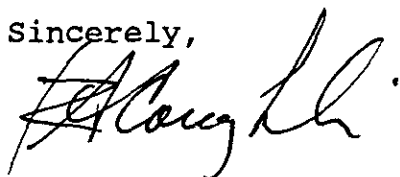
Texaco Environmental Services (TES) will be managing the assessment and remediation of this site. This investigation was more comprehensive than a typical Phase I Site Assessment due to the available information regarding the presence of contamination in the soil on site. This investigation incorporated components of a Phase II Site Assessment, as well as, a Remedial Investigation. As you will read in the report, vapor-extraction points were installed and soil parameters were analyzed in order to facilitate the installation of a vapor-extraction system (VES) for the impacted soil on site. In addition, soil samples were collected at 3-foot intervals and in some cases the borings were continuously cored to facilitate a well-designed VES for optimum efficiency.

TES is currently evaluating further assessment and remedial actions for this site. In the meantime, quarterly monitoring and sampling of existing groundwater monitoring wells will be conducted.

Page 2  
Mr. Levi  
June 9, 1991

Please forward any questions, comments and/or requests for additional information to me in writing and/or by telecommunication at (818) 505 - 2719.

Sincerely,



Rose A. Coughlin  
Project Manager  
TEXACO ENVIRONMENTAL SERVICES

RACn:rac  
C:1127LIN.LET

Attachment (1)

cc: Lester Feldman, RWQCB-2  
Leo Pagano

pr:RR (on file)



## ENVIRONMENTAL BIO-SYSTEMS, INC.

Innovative Solutions for a Better Environment

July 9, 1990

Ariu Levi  
Alameda County Health Agency  
Division of Hazardous Materials  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, California 94621

Mr. Levi:

The following concerns the estimated time schedule for assessment and remediation activities at Lewis Bay Street Auto located at 1127 Lincoln Avenue in Alameda, CA. The property is owned by Mr. Leo Pagano of 1104 Fountain Street also in Alameda.

As we discussed in our most recent meeting, Mr. Pagano will have a soil vapor study performed to estimate the horizontal and vertical extent of hydrocarbon contamination present in the unsaturated zone in the areas previously found to contain unacceptable levels of gasoline and its' related constituents.

The vapor study will also explore the lateral spread of groundwater contamination (if any) present on the property. If necessary, vapor points will be extended beyond the property boundary to explore the possibility of off-site migration.

Following completion of the soil vapor study, three groundwater monitoring wells will be installed, developed, and sampled as per LUFT specifications. Direction of groundwater flow will be evaluated through the surveying of well head elevations and measurement of depth to water within the wells.

The estimated time schedule is as follows:

|                      |   |
|----------------------|---|
| July 17 -            | Submit Work Plan to County              |
| July 31 -            | Work Plan Approval                      |
| Week of August 6     | Vapor Study                             |
| Week of August 13    | Well Installation, Sampling Development |
| Week of September 10 | Submission of Report Outlining Results  |

If you have any questions, or if I may be of further service please contact me at (415) 429-9988.

Sincerely,  
ENVIRONMENTAL BIO-SYSTEMS, INC.

Timothy M. Babcock  
Environmental Scientist



90 OCT 18 11:11:44

October 17, 1990

Mr. Ariu Levi  
Senior Hazmat Specialist  
Alameda County Health Agency  
80 Swan Way, Room 200  
Oakland, California 94621

Dear Mr. Levi:

**PRELIMINARY (PHASE I) ENVIRONMENTAL SITE ASSESSMENT FOR THE PROPERTY AT  
1127 LINCOLN AVENUE ALAMEDA, CALIFORNIA.**

McLaren/Hart Environmental Engineering is conducting a preliminary (Phase I) environmental site assessment for the Texaco Service Station, 1127 Lincoln Avenue, Alameda, California.

Records for reported underground fuel and waste oil tank leaks and surface spills involving hazardous materials at this site are needed to identify historical or current activities which could have contributed, or are currently contributing, to the degradation of the subject property's soil and/or groundwater. It is our understanding that there will be a nominal fee of \$60.00 per hour for services provided by your agency.

If you have any questions regarding the content of this letter, please call at your earliest convenience.

Sincerely,

Handwritten signature of Michael L. Deschenes in cursive.

Michael L. Deschenes  
Associate Hydrogeologist

Handwritten signature of Julie S. Menack in cursive.

Julie S. Menack, RG  
Supervising Geologist

1017CDJ4





Lester A Amidei  
vice President  
Western Region

Texaco Refining  
and Marketing Inc

10 Universal City Plaza  
Universal City CA 91608  
818 505 2668

90 OCT 31 PM 12:06

October 12, 1990

Mr. Don Perata  
Supervisor Third District  
Board of Supervisors  
Alameda County  
1220 Oak Street - Suite 536  
Oakland, CA 94612

Dear Supervisor Perata:

Mr. J. W. Kinnear, Chief Executive Officer of Texaco Inc., has personally asked me to review this matter because, as you noted in your September 17, 1990 letter, Texaco has a strong business conscience and a desire to "Do It Right."

Texaco's concern is reflected in an overall commitment to the protection of the environment. We desire to work with Mr. Pagano, who has been a valued Texaco customer and partner. To that end, Mr. C. T. Trammell and Mr. R. N. Laughton of this office have already reviewed the matter with you and Mr. Pagano. We have decided to perform the additional work necessary to remediate, to state and local cleanup standards, the hydrocarbon contamination on or emanating from the subject property, to the extent that it has been caused by the operation of Mr. Pagano's service station.

In return for this offer to willingly assume the remediation effort, Texaco will ask Mr. Pagano for a release of liability and the ability to enter the property to perform the remediation work. Texaco plans to assume both management and implementation of the remediation using experienced Texaco environmental experts and Texaco-managed local consultants. The exact details of project assumption will be worked out in meetings between Mr. Pagano and representatives of Texaco Environmental Services, our environmental organization.

Please understand, however, that Texaco does not, by its willingness to participate in the remediation, admit to any liability. Texaco will, nonetheless, make every reasonable effort to facilitate the resolution of this matter. We believe this decision follows our basic business tenet to "Do It Right."

Sincerely,

LAA:chm

Barney—

This is for 1127 Lincoln St, Alameda  
(it was in Ariu's office!)

Katherine

Alameda, Ca. 94501

As the letter states, exact details  
must be worked out between  
Tfaco Inc. and myself. As this  
will take time, I am requesting  
that your office grant additional  
time for Tfaco Inc. to take necessary  
steps before starting work at my  
station site.

Please inform.

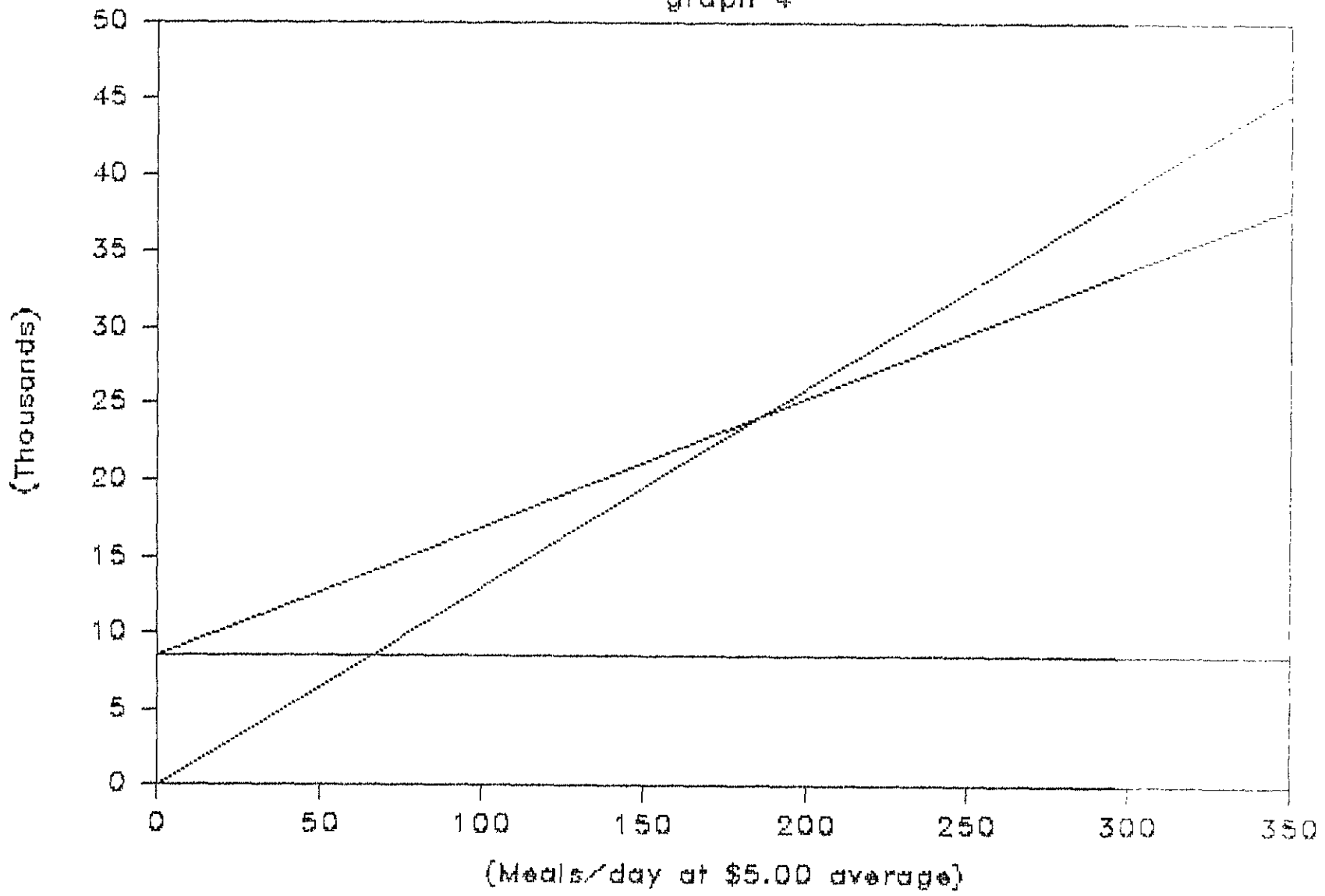
Sincerely

Leo Pagano

PHONE 522-1878

# Break even analysis at 65% var. cost

graph 4



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

FACSIMILE TRANSMITTAL

TO:

\_\_\_\_\_ Floor/Room # \_\_\_\_\_  
Fax Phone Number

Name: LAUREN WARD \_\_\_\_\_  
Title/Section

Agency: \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: ( ) \_\_\_\_\_

FROM:

568 3706 \_\_\_\_\_ Floor/Room # \_\_\_\_\_  
Fax Phone Number

Date: 5/2/90 \_\_\_\_\_ Time Sent: \_\_\_\_\_

Sender: AZEV \_\_\_\_\_  
Title/Section

Phone #: ( ) \_\_\_\_\_

Number of Pages Including Transmittal Sheet: \_\_\_\_\_

Special Instructions/Comments:

|             |  |  |
|-------------|--|--|
| 3650(k)     | 1910.178(m)(7)                           | Trailer loading/unloading  |
| 3661(c)     | 1910.178(n)(4)                           | Forklift horn, loading trailing  |
| 3664(a)(22) | 1910.178(k)(1)                           | Chock truck wheels/forklift loading  |
| 3664(a)(1)  | 1910.178(l)                              | Forklift training  |
| 3664(a)(16) | 1910.178(m)(5)(i)                        | Unattended forklift  |
| 3664(a)     | 1910.178(m)(7)                           | Wheel blocks   |
| 3664(a)(21) | 1910.178(m)(7)                           | Trailer chocking   |
| 3664(a)(11) | 1910.178(n)(4)                           | Vision obscured with forklifts   |
| 3664(a)(7)  | 1910.178(p)(1)                           | Using unsafe forklift  |
| 3664(a)(7)  | 1910.178(q)(7)                           | Forklift daily inspection  |
| 3942(a)     | 1910.212(a)(2)                           | Guards creating a hazard   |
| 3944(e)     | 1910.212(a)(5)                           | Fan guard 7 feet or less   |
| 3995(a)     | 1910.219(b)(1)                           | Flywheel guards  |
| 4000(a)     | 1910.213(b)(1)                           | Machine control, woodworking - Cal/OSHA refers to machines as<br>Processing Machines, federal term is Woodworking Machines |
| 4000(d)     | 1910.213(b)(3)                           | Restart of woodworking machinery   |
| 4032        | 1910.213(d)(1)                           | Circular crosscut table saw hood guard   |
| 4050(c)(1)  | 1910.219(c)(2)(i)                        | Shaft guarding, enclosed   |
| 4050        | 1910.219(i)(2)                           | Shaft couplings guarded  |
| 4051(a)     | 1910.219(c)(4)(i)                        | Projecting shaft ends  |
| 4070(a)     | 1910.218(d)(1)                           | Guarding of pulleys 7 feet or less   |
| 4070(a)     | 1910.219(e)(3)                           | Vertical and inclined belt guards  |
| 4075(a)     | 1910.219(f)(1)                           | Gear/sprocket guards   |
| 4075(a)     | 1910.219(f)(3)                           | Sprocket and chain less than 7 feet above the floor  |
| 4184(a)     | 1910.212(a)(1)                           | Machine guarding   |
| 4184        | 1910.212(a)(3)(ii)                       | Point of operation guarding  |
| 4185        | 1910.217(b)(4)(i)                        | Full revolution clutch pedal protection  |
| 4702        | 1910.217(e)(1)(i)                        | Power press inspection and maintenance   |
| 4706(a)     | 1910.217(c)(1)(i)                        | Power press point of operation guard   |
| 4238(a)     | 1910.212(a)(4)                           | Interlocked guardrails for revolving drums, etc.   |
| 4300(a)     | 1910.213(c)(1)                           | Circular rip saw guard   |
| 4300(e)     | 1910.213(c)(2)                           | Rip saw spreader   |
| 4300(d)     | 1910.213(c)(3)                           | Rip saw kickback device  |
| 4309(a)     | 1910.213(h)(1)                           | Radial saw blade guard, upper hood enclosure   |
| 4309(b)     | 1910.213(h)(3)                           | Radial saw travel stop   |
| 4309(d)     | 1910.213(h)(4)                           | Radial saw return  |
| 4310(a)(1)  | 1910.213(i)(1)                           | Enclose nonworking portions of handsaw blades  |
| 4312        | 1910.213(p)(4)                           | Belt sander guarding   |
| 4649(a)     | 1910.252(a)(2)(i)(a)<br>also 1910.101(a) | Cylinders and containers, approval   |
| 4650(e)     | 1910.252(a)(2)(ii)(b)                    | Cylinders and containers, general storage - rolling hazard   |
| 4650(h)     | 1910.252(a)(2)(v)(b)(4)                  | Cylinders and containers, fuel gas storage   |
| 4650(d)     | 1910.252(a)(2)(iv)                       | Cylinders and containers, oxygen and acetylene   |
| 4650        | 1910.252(a)(2)(ii)                       | Storage of cylinders   |
| 4815(a)     | 1910.252(a)(1)(i)                        | Approved point of gas/air mixture  |
| 4815        | 1910.252(a)(2)                           | Cylinders and containers, operating procedures   |
| 4815(w)     | 1910.252(a)(2)(v)(b)(13)                 | Oxygen not stored near combustible materials   |
| 4815(a)     | 1910.252(b)(4)(ix)                       | Maintenance of arc welder  |
| 4851(c)     | 1910.252(d)(4)(i)                        | Arc welding in confined spaces   |



BOARD OF SUPERVISORS

Lewis DVA  
Question  
A-24 vs DA

Est                      AOB

DON PERATA  
SUPERVISOR

Checking account interest  
limited %

Amex Savg.  
average - 7.44%  
Bal. av. 30,000

R LETTER

DATE: \_\_\_\_\_

TO: Ed Hareel

Bus. Check 4%  
                      
reg check 4%

FROM: Ed Albano 568 221

MESSAGE: Arnie is working on this. I am  
free for a meeting on Fri. 6/15 till 2:30 pm.  
Thurs. 6/14 12:30 →, Tues 6/12 11am → 1pm  
I am on vacation 6/15 - 7/5 so meeting prior to 6/18 is important!

Number of Pages (including cover page): 7

If you do not receive all of the pages or if they are illegible,  
please call (415) 568-7121.

Leo Pagano  
1104 Fountain Street  
Alameda, CA 94501

Alameda, May 24, 1990

Don Perata  
Supervisor, Third District  
1221 Oak Street - Suite 536  
Oakland, California 94612

Dear Supervisor Perata,

This letter is to request your assistance in rectifying a gross inequity affecting many small businessmen in the State of California.

Your awareness of the environmental issues and how they affect the small business owner is greatly appreciated.

On February 1946, upon my return from military service in WWII, I subleased a Texaco, Inc. service station located in Alameda. In 1957, I acquired the master lease and later purchased the property and business in 1965. However, Texaco, Inc. retained ownership of the four underground fuel storage tanks (USTs) the above ground fuel pumps, and car hoists. The station sold petroleum products from the beginning of the business operation when it was built in 1931, until my retirement in September 1985. In addition, Texaco, Inc. owned and was responsible for the maintenance of the USTs and other equipment until 1982.

In 1974 I informed Texaco, Inc. that water was seeping into one of the 4,000 gallons fuel storage tanks, and that it should be

Dear Don,

MAY 25 1990

Please excuse this preprinted letter but we are trying to get our message across to as many legislators as possible.

My fathers situation is absolutely unbelievable. He may be facing the possibility of being forced to simply walk away from his property and hand it over to the unfeeling and unreasonable bureaucrats.

The fact that having fuel tanks that leaked was OK for

is that my father must pay for is simply unconscionable. Especially considering the fact that Texaco owned the tanks for the vast majority of the time.

is the unreasonableness of the laws pertaining to the cleanup of leaking fuel tanks, the cleanup cost could exceed the value of the property.

I would appreciate the opportunity to talk to you personally about this outrageous situation. Hopefully you can point us in a direction to take.

Thanks,  
Bob Pagano

1415 4th St  
Alameda Ca  
512-0532  
512-440810



replaced. They sent a maintenance man to pump the water out of the tank and assured me they would check into the problem. After several months the tank was replaced. During that time they pumped water out of the tank five times.

In 1982, Texaco, Inc. sold the USTs to me for \$1.00 each. Unfortunately at that time, I did not have the technical resources to foresee the environmental liability of UST ownership.

On September 11, 1989 the UST were removed under the direction of State and Federal Regulatory Agencies and the soil tested for petroleum contamination. The soil tested above the 100 ppm action level set by the local Regional Water Control Board for petroleum contamination. I then employed the services of an environmental consultant to develop a corrective action plan. I had approximately 200 cubic yards of soil excavated. Because of property size constraints, some of the soil had to be removed off site and disposed of in an appropriate landfill at the cost of \$300.00 per yard. In addition I am required to install three ground water monitoring wells and to analyze the water for possible contamination. To date, I have spent over \$55,000.00 in clean up cost and face future cost of \$200,000.00 to \$300,000.00. As you can understand, these clean up cost are bankrupting small gas station owners.

Currently I am working to organize gas station owner in the City of Alameda and eventually the San Francisco Bay Area, to join together and share resources. In communicating with several gas station owners, I found we all share the same feelings regarding financial responsibility for site cleanup. We feel that we are

innocent victims paying for circumstances beyond our knowledge and control. I am convinced that Texaco, Inc. knew that owners of leaking USTs would be subject to cleanup expenses and acted in a fraudulent manner when they sold me the USTs. Unfortunately, my financial means are limited and felt I should focus my attention to the site corrective action plan. I believe I have acted in good faith unlike Texaco, Inc. who has vast technical and financial resources.

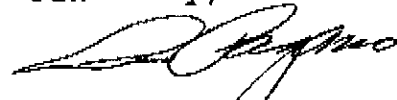
We must stop this from happening to others by quick and aggressive action now. I reviewed Senate Bill (SB) 299 and its amended version, (SB) 2004 and believe these bills do not meet the financial needs to the small UST owner. For example:

- 1) The bill needs to address the issue of who is liable for the cleanup cost. The present owner should not have to bear all the cost for the cleanup when the USTs were owned by another party for the vast majority of the time. The bill should contain clear language as to the prior owner's responsibilities.
- 2) Regarding the cleanup fund: The prerequisite for eligibility that payment of the \$200.00 per tank maintenance fee must be met before one can apply for reimbursement for costs in excess of \$50,000.00 simply is not fair to those of us who have paid the annual fee for years. The fees were not applicable to those of us whose UST'S were no longer being used or were removed.

We feel that the State of California should pass laws that will target the oil companies who owned the USTs and are responsible for the contamination. This action should take place immediately before there are more people like myself who have lost large amounts of their retirement savings following laws that are not fully understood or defined.

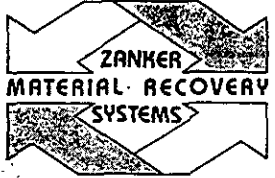
Your cooperation to correct this grave injustice and an acknowledgement to this letter is greatly appreciated. If you or any of your staff have any questions, please feel free to give me a call at (415) 522-1878. Again, thank you for your help with this matter.

Sincerely,



Leo Pagano

HARMONY BUSINESS FORMS, INC. • FREMONT, CA • (415) 657-9018



# ZANKER ROAD DISPOSAL AND RECYCLING CENTER

705 LOS ESTEROS ROAD, SAN JOSE, CA 95134  
(408) 263-2383

Ms. 12. 149  
9:57 a.m.  
Tag# 234108

CHECK RECEIPT - Number 245

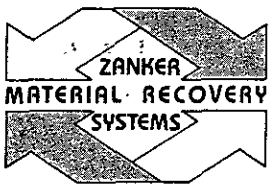
Special Waste 2      20 yards @ 30.00 = 600.00

*Auth. 85*

Total: 600.00

AUTHORIZED SIGNATURE *Don Mahallan*  
TRUCKING COMPANY *Western I N C*

TERMS: All bills are due and payable by the 10th of the month following date of service. All delinquent accounts are subject to a 1 1/2% Monthly Late Charge or 18% Per Annum or maximum lawful amount.



# ZANKER ROAD DISPOSAL AND RECYCLING CENTER

705 LOS ESTEROS ROAD, SAN JOSE, CA 95134  
(408) 263-2383

April 21, 1990  
9:57 a.m.  
Tag# 230164

CHECK RECEIPT - Number 234

Special Waste 2      17 yards @ 30.00 = 510.00

Total: 510.00

AUTHORIZED SIGNATURE *Don Mahallan*  
TRUCKING COMPANY *Western I N C*

TERMS All bills are due and payable by the 10th of the month following date of service. All delinquent accounts are subject to a 1 1/2% Monthly Late Charge or 18% Per Annum or maximum lawful amount.

May 15, 1990

| NAME            | affiliation                                  | Phone #  |
|-----------------|--|----------|
| Edgar Howell    | Alameda Co NAZ MAT                           | 271-4320 |
| ARIU LEVI       | ALA CO                                       | 271-4320 |
| Tim Babcock     | Env. Bio-Systems, Inc.                       | 429-9988 |
| LEO PAGANO      | STATION OWNER                                | 522-1878 |
| Robert Pagano   | Leo's Son                                    | 522-0532 |
| Claudia Albano  | Sup. Perata                                  | 568-7721 |
| Cynthia Chapman | Alameda Co. Hay Mat                          | 271-4320 |
| LARRY BLAZER    | ALAMEDA COUNTY<br>DISTRICT ATTORNEY'S OFFICE | 670-5150 |

met with above concerning Mr Pagano's difficulties.  
Due to the circumstances we are not pursuing  
this case rigorously and giving Mr Pagano the  
opportunity to pursue help from Texaco  
Larry Blazer of the DAs office is aware of the  
circumstances and suggested that Mr Pagano  
contact R.W.G.E.B. who may have the ability  
to expedite any activity that Texaco may do.

| NAME            | affiliation                                  | Phone #  |
|-----------------|--|----------|
| Edgar Howell    | Ala. Co. NAZ MAT                             | 271-4320 |
| ARIU LEVI       | ALA CO. " "                                  | 271-4320 |
| Tim Babcock     | Env. Bio-Systems, Inc.                       | 429-9988 |
| LEO PAGANO      | STATION DRIVER                               | 522-1878 |
| Robert Pagano   | Leo's Son                                    | 522-0532 |
| Claudia Albano  | Sup. Perata                                  | 568-7721 |
| Cynthia Chapman | Alameda Co. Hay Mat                          | 771-4320 |
| CARLY BLAZER    | ALAMEDA COUNTY<br>DISTRICT ATTORNEY'S OFFICE | 670-5150 |

# UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

|  |  |  |   |  |   |  |
|--|--|--|---|--|---|--|
| EMERGENCY<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |  | HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED?<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |   | FOR LOCAL AGENCY USE ONLY<br>I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFETY CODE. |   |  |
| REPORT DATE<br>01/08/90  |  | CASE #   |   | SIGNED: [Signature] DATE: 1/16/90  |   |  |
| REPORTED BY  | NAME OF INDIVIDUAL FILING REPORT<br>LEO PAGANO   |  | PHONE<br>(415) 522-1878   |  | SIGNATURE<br>[Signature]  |  |
|  | REPRESENTING<br><input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD<br><input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER   |  | COMPANY OR AGENCY NAME<br>LEWIS BAY SERVICE   |  |   |  |
| RESPONSIBLE PARTY  | ADDRESS<br>1127 LINCOLN AVE STREET   |  | CITY ALAMEDA  |  | STATE CA ZIP 94501  |  |
|  | NAME<br>LEO PAGANO <input type="checkbox"/> UNKNOWN  |  | CONTACT PERSON<br>LEO PAGANO  |  | PHONE<br>(415) 522-1878   |  |
| SITE LOCATION  | ADDRESS<br>1104 FOUNTAIN ST. STREET  |  | CITY ALAMEDA  |  | STATE CA ZIP 94501  |  |
|  | FACILITY NAME (IF APPLICABLE)<br>LEWIS BAY SERVICE   |  | OPERATOR  |  | PHONE<br>(415) 522-2866   |  |
|  | ADDRESS<br>1127 LINCOLN AVE STREET   |  | CITY ALAMEDA  |  | COUNTY ALAMEDA ZIP 94501  |  |
| IMPLEMENTING AGENCIES  | LOCAL AGENCY<br>Alameda County Dept. of Environ. Health  |  | AGENCY NAME   |  | CONTACT PERSON<br>Ariu Levi   |  |
|  | REGIONAL BOARD<br>RWSB San Francisco Bay Region (#2)   |  |   |  | PHONE<br>(415) 271-4300<br>(415) 464-1055   |  |
| SUBSTANCES INVOLVED  | (1) NAME<br>GASOLINE   |  | QUANTITY LOST (GALLONS)<br><input checked="" type="checkbox"/> UNKNOWN  |  |   |  |
|  | (2)  |  | <input type="checkbox"/> UNKNOWN  |  |   |  |
| DISCOVERY/ABATEMENT  | DATE DISCOVERED<br>01/02/89  |  | HOW DISCOVERED<br><input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> OTHER   |  |   |  |
|  | DATE DISCHARGE BEGAN<br><input checked="" type="checkbox"/> UNKNOWN  |  | METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)<br><input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> CLOSE TANK<br><input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE<br><input type="checkbox"/> OTHER REMOVE TANKS |  |   |  |
|  | HAS DISCHARGE BEEN STOPPED?<br><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE  |  |   |  |   |  |
| SOURCE/CAUSE   | SOURCE OF DISCHARGE<br><input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER  |  | TANKS ONLY/CAPACITY<br>2-4000 / 2-1000 GAL.   |  | MATERIAL<br><input type="checkbox"/> FIBERGLASS <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> OTHER  |  |
|  |  |  | AGE _____ YRS <input type="checkbox"/> UNKNOWN  |  | CAUSE(S)<br><input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER |  |
| CASE TYPE  | CHECK ONE ONLY<br><input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)   |  |   |  |   |  |
|  | CHECK ONE ONLY<br><input type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input checked="" type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY)<br><input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES |  |   |  |   |  |
| REMEDIAL ACTION  | CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)   |  |   |  |   |  |
|  | <input type="checkbox"/> CAP SITE (CD)   |  | <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED)   |  | <input type="checkbox"/> REMOVE FREE PRODUCT (FP)   |  |
|  | <input type="checkbox"/> CONTAINMENT BARRIER (CB)  |  | <input checked="" type="checkbox"/> EXCAVATE & TREAT (ET)   |  | <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT)  |  |
|  | <input type="checkbox"/> TREATMENT AT HOOKUP (HU)  |  | <input type="checkbox"/> NO ACTION REQUIRED (NA)  |  | <input type="checkbox"/> OTHER (OT)   |  |
| COMMENTS   | COMMENTS   |  |   |  |   |  |

6/20  
Chen

01-0902

# UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

|  |  |   |
|--|--|---|
| EMERGENCY<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED?<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | FOR LOCAL AGENCY USE ONLY:<br>I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25160.7 OF THE HEALTH AND SAFETY CODE. |
| REPORT DATE<br>01/08/90  | CASE #   | SIGNED: [Signature] DATE: [Date]  |

|             |  |  |                          |
|-------------|--|--|--------------------------|
| REPORTED BY | NAME OF INDIVIDUAL FILING REPORT<br><b>LEO PAGANO</b>  | PHONE<br><b>(415) 522-1878</b>                     | SIGNATURE<br>[Signature] |
|             | REPRESENTING<br><input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD<br><input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER | COMPANY OR AGENCY NAME<br><b>LEWIS BAY SERVICE</b> |                          |
|             | ADDRESS<br><b>1127 LINCOLN AVE STREET</b>  |  |                          |

|                   |  |                                     |                                |
|-------------------|--|-------------------------------------|--------------------------------|
| RESPONSIBLE PARTY | NAME<br><b>LEO PAGANO</b>                  | CONTACT PERSON<br><b>LEO PAGANO</b> | PHONE<br><b>(415) 522-1878</b> |
|                   | ADDRESS<br><b>1104 FOUNTAIN ST. STREET</b> | CITY<br><b>ALAMEDA</b>              | STATE<br><b>CA</b>             |

|               |   |  |  |
|---------------|---|--|--|
| SITE LOCATION | FACILITY NAME (IF APPLICABLE)<br><b>LEWIS BAY SERVICE</b> | OPERATOR   | PHONE<br><b>(415) 522-2866</b>   |
|               | ADDRESS<br><b>1127 LINCOLN AVE STREET</b>                 |  |  |
|               | CROSS STREET<br><b>BAY ST.</b>                            | TYPE OF AREA<br><input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL<br><input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER | TYPE OF BUSINESS<br><input type="checkbox"/> RETAIL FUEL STATION<br><input type="checkbox"/> FARM <input checked="" type="checkbox"/> OTHER <b>AUTO GARAGE</b> |

|                       |   |             |                                    |                                |
|-----------------------|---|-------------|------------------------------------|--------------------------------|
| IMPLEMENTING AGENCIES | LOCAL AGENCY<br><b>Alameda County Dept of Environ. Health</b> | AGENCY NAME | CONTACT PERSON<br><b>Amir Levi</b> | PHONE<br><b>(415) 271-4300</b> |
|                       | REGIONAL BOARD<br><b>San Francisco Bay Region (#2)</b>        |             |                                    | PHONE<br><b>(415) 464-1055</b> |

|                     |                             |  |
|---------------------|-----------------------------|--|
| SUBSTANCES INVOLVED | (1) NAME<br><b>GASOLINE</b> | QUANTITY LOST (GALLONS)<br><input checked="" type="checkbox"/> UNKNOWN |
|                     | (2)                         | <input type="checkbox"/> UNKNOWN                                       |

|                     |   |  |
|---------------------|---|--|
| DISCOVERY/ABATEMENT | DATE DISCOVERED<br><b>01/09/90</b>  | HOW DISCOVERED<br><input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS<br><input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER   |
|                     | DATE DISCHARGE BEGAN<br>M M D D Y Y <input checked="" type="checkbox"/> UNKNOWN                                 | METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)<br><input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> CLOSE TANK<br><input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE<br><input type="checkbox"/> OTHER <b>REMOVE TANKS</b> |
|                     | HAS DISCHARGE BEEN STOPPED?<br><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE |  |

|              |   |   |  |   |
|--------------|---|---|--|---|
| SOURCE/CAUSE | SOURCE OF DISCHARGE<br><input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOW<br><input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER | TANKS ONLY/CAPACITY<br><b>2-4000 2-1000 GAL.</b>  | MATERIAL<br><input type="checkbox"/> FIBERGLASS <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> OTHER | CAUSE(S)<br><input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE<br><input checked="" type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOW<br><input type="checkbox"/> SPILL <input type="checkbox"/> OTHER |
|              |   | AGE _____ YRS<br><input type="checkbox"/> UNKNOWN |  |   |

|           |  |
|-----------|--|
| CASE TYPE | CHECK ONE ONLY<br><input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED) |
|-----------|--|

|                |   |
|----------------|---|
| CURRENT STATUS | CHECK ONE ONLY<br><input type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY)<br><input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES |
|----------------|---|

|                 |  |
|-----------------|--|
| REMEDIAL ACTION | CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)<br><input type="checkbox"/> CAP SITE (CD) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT)<br><input type="checkbox"/> CONTAINMENT BARRIER (CB) <input checked="" type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS)<br><input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT) |
|-----------------|--|

|          |  |
|----------|--|
| COMMENTS |  |
|----------|--|

5065

white -env.health  
yellow -facility  
pink -files

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200  
Oakland, CA 94621  
(415) 271-4320

## Hazardous Materials Inspection Form

### II, III

### II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus. Plan Sids. 25503(b)
- 3. RR Cars > 30 days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

### II.B ACUTELY HAZ. MATLS

- 10. Registration Form Filed 25533(a)
- 11. Form Complete 25533(b)
- 12. RMPP Contents 25534(c)
- 13. Implement Sch. Req'd? (Y/N)
- 14. OffSite Conseq. Assess. 25524(c)
- 15. Probable Risk Assessment 25534(d)
- 16. Persons Responsible 25534(g)
- 17. Certification 25534(f)
- 18. Exemption Request? (Y/N)
- 19. Trade Secret Requested? 25538

### III. UNDERGROUND TANKS (Title 23)

- |  |  |
|--|--|
| General  | <input type="checkbox"/> 1. Permit Application 25284 (H&S)                                 |
|  | <input type="checkbox"/> 2. Pipeline Leak Detection 25292 (H&S)                            |
|  | <input type="checkbox"/> 3. Records Maintenance 2712                                       |
|  | <input type="checkbox"/> 4. Release Report 2651  |
|  | <input type="checkbox"/> 5. Closure Plans 2670   |
| Monitoring for Existing Tanks                      | <input type="checkbox"/> 6. Method   |
|  | 1) Monthly Test  |
|  | 2) Daily Vadose<br>Semi-annual groundwater<br>One time soils                               |
|  | 3) Daily Vadose<br>One time soils<br>Annual tank test                                      |
|  | 4) Monthly Groundwater<br>One time soils   |
|  | 5) Daily Inventory<br>Annual tank testing<br>Cont pipe leak det<br>Vadose/groundwater mon. |
|  | 6) Daily Inventory<br>Annual tank testing<br>Cont pipe leak det                            |
|  | 7) Weekly Tank Gauge<br>Annual tank testing  |
|  | 8) Annual Tank Testing<br>Daily Inventory  |
|  | 9) Other _____   |
| New Tanks  | <input type="checkbox"/> 7. Precs Tank Test Date: 2643                                     |
|  | <input type="checkbox"/> 8. Inventory Rec. 2644  |
|  | <input type="checkbox"/> 9. Soil Testing . 2646  |
|  | <input type="checkbox"/> 10. Ground Water. 2647  |
| <input type="checkbox"/> 11 Monitor Plan 2632      |  |
| <input type="checkbox"/> 12 Access Secure 2634     |  |
| <input type="checkbox"/> 13 Plans Submit Date 2711 |  |
| <input type="checkbox"/> 14 As Built Date 2635     |  |

Site ID # \_\_\_\_\_ Site Name LEWIS BAY SERVICES Today's Date 12/29/85

Site Address 1127 LINCOLN

City ALAMEDA Zip 94547 Phone \_\_\_\_\_

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

#### Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

\* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

#### Comments:

1) SPILLS TO EUGENE LEWIS CONCERNING STOCKPILES.

- INFORMED ONE HAND OF DIET TAKEN BY REIDE

- INFORMED SOILS ALREADY BEING AERATED.

2) REQUESTED COPY OF:

- ALL LAB RESULTS TO DATE ✓

- SAMPLE MAP ✓

- CHAIN OF CUSTODY FORMS ✓

- RATION PERMIT TO AERATE.

- MANIFESTS

3) ASSOC. PIPING APPEARS TO HAVE BEEN LEFT IN PLACE.

### II, III

Contact: \_\_\_\_\_

Title \_\_\_\_\_

Signature \_\_\_\_\_

Inspector: \_\_\_\_\_

Signature: \_\_\_\_\_



# ZANKER ROAD DISPOSAL AND RECYCLING CENTER

705 LOS ESTEROS ROAD, SAN JOSE, CA 95134  
(408) 263-2383

February 10, 1990

12:06 p.m.

Tag# 317446

CHECK RECEIPT - Number 204

Special Waste 2            10 yards @ 30.00 = 300.00

Total: 300.00

AUTHORIZED SIGNATURE \_\_\_\_\_

TRUCKING COMPANY \_\_\_\_\_

TERMS: All bills are due and payable by the 10th of the month following date of service. All delinquent accounts are subject to a 1½% Monthly Late Charge or 18% Per Annum or maximum lawful amount.

# ZANKER ROAD DISPOSAL AND RECYCLING CENTER

705 LOS ESTEROS ROAD, SAN JOSE, CA 95134  
(408) 263-2383

FEB 8<sup>th</sup> 1990

February 8, 1990

1:16 p.m.

Tag# 317119

CHECK RECEIPT - Number 203

Special Waste 2            10 yards @ 30.00 = 300.00

AUTHORIZED SIGNATURE \_\_\_\_\_

TRUCKING COMPANY \_\_\_\_\_

TERMS: All bills are due and payable by the 10th of the month following date of service. All delinquent accounts are subject to a 1½% Monthly Late Charge or 18% Per Annum or maximum lawful amount.

HARMONY BUSINESS FORMS, INC. • FREMONT, CA • (415) 657-9018

35565

HARMONY BUSINESS FORMS, INC. • FREMONT, CA • (415) 657-9018



HARMONY BUSINESS FORMS, INC. • FREMONT, CA • (415) 657-9018



# ZANKER ROAD DISPOSAL AND RECYCLING CENTER

705 LOS ESTEROS ROAD, SAN JOSE, CA 95134  
(408) 263-2383

April 21, 1990

1:23 p.m.

Tag# 230228

CHECK RECEIPT - Number 234

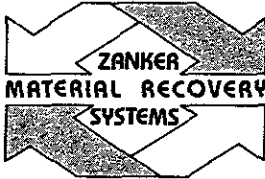
Special Waste 2            20 yards @ 30.00 = 600.00

Total: 600.00

AUTHORIZED SIGNATURE *Dr Mahalle*  
TRUCKING COMPANY *Western INC*

TERMS: All bills are due and payable by the 10th of the month following date of service. All delinquent accounts are subject to a 1½% Monthly Late Charge or 18% Per Annum or maximum lawful amount.

HARMONY BUSINESS FORMS, INC. • FREMONT, CA • (415) 657-9018



# ZANKER ROAD DISPOSAL AND RECYCLING CENTER

705 LOS ESTEROS ROAD, SAN JOSE, CA 95134  
(408) 263-2383

April 22, 1990

11:23 a.m.

*57,600*

Tag# 230310

CHECK RECEIPT - Number 225

15 *gals* ~~30~~ <sup>30.00</sup> per gal. 450.00

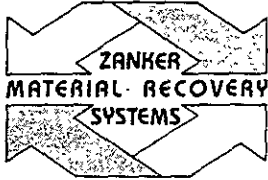
*Contaminated*

Total: 450.00

AUTHORIZED SIGNATURE *Soil Dr Mahalle*  
TRUCKING COMPANY *Western INC*

TERMS All bills are due and payable by the 10th of the month following date of service All delinquent accounts are subject to a 1½% Monthly Late Charge or 18% Per Annum or maximum lawful amount

HARMONY BUSINESS FORMS, INC. • FREMONT, CA • (415) 657-9018



**ZANKER ROAD DISPOSAL AND RECYCLING CENTER**  
705 LOS ESTEROS ROAD, SAN JOSE, CA 95134  
(408) 263-2383

April 22, 1990

2:48 p.m.

Tag# 230361

CHECK RECEIPT - Number 235

10 yds 30<sup>00</sup> per yd

300.00

Contaminated  
Soil

Total: 300.00

AUTHORIZED SIGNATURE

*Don Marshall*

TRUCKING COMPANY

*Waste I.N.C.*

TERMS: All bills are due and payable by the 10th of the month following date of service. All delinquent accounts are subject to a 1½% Monthly Late Charge or 18% Per annum maximum lawful amount.

4444

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

Certified Mail

December 28, 1989

Mr. Leo Pagano  
1104 Fountain St.  
Alameda, CA 94606

Subject: Unauthorized Release  
Removal of Underground Fuel and Waste Oil Tanks  
Lewis Bay St. Services  
1127 Lincoln Avenue  
Alameda, CA

Dear Mr. Pagano:

Thank you for submitting the results for analysis of subsurface soil and ground water samples taken in response to the underground tank removals from the above shown facility. Because of the degree of contamination found, this facility is considered to have experienced a confirmed release of petroleum hydrocarbons that has impacted subsurface soil and ground water. The extent of this contamination must be assessed and remediated.

Our office will be the lead agency overseeing both the soil and groundwater remediation of this site. The Regional Water Quality Control Board (RWQCB) is currently unable to oversee the large number of contamination cases within Alameda County and has delegated the handling of this case to our Division. We will be in contact with the RWQCB in order to provide you with guidance concerning the RWQCB's remediation requirements. However, please be aware that you are responsible for diligent actions to protect waters of the State.

To complete contaminant assessment and begin remediation, we require that you submit a work plan which, at a minimum, addresses the items listed below and presents a timetable for their completion. Please submit this workplan within 30 days of the date of this letter.

I. Introduction

- A. Statement of scope of work
- B. Site map showing location of existing and past underground storage tanks
- C. Site History
  - provide historical site use and ownership information. Include a description of types and locations of hazardous materials used on site.

II. Site Description

- A. Vicinity description including hydrogeologic setting
- B. Initial soil contamination and excavation results
  - provide sampling procedures used
  - indicate depth to ground water
  - describe soil strata encountered
  - provide soil sampling results, chain of custody forms, identity of sampler
  - describe methods for storing and disposal of all soils

III. Plan for determining extent of soil contamination on site

- A. Describe approach to determine extent of lateral and vertical contamination
  - identify subcontractors, if any
  - identify methods or techniques used for analysis
  - provide sampling map showing all lines of excavation and sampling points
  - if a step out procedure is used, define action level for determination of "clean" isopleth
  - provide chain of custody forms, lab analysis results, all receipts and manifests, & identity of sampler
- B. Describe method and criteria for screening clean versus contaminated soil. If onsite soil aeration/bioremediation is to be utilized, then provide a complete description of method that includes:
  - volume and rate of aeration/turning
  - method of containment and cover
  - wet weather contingency plans
  - permits obtained

- C. Describe security measures

IV. Plan for determining ground water 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". Provide a description of placement and rationale for the location of monitoring wells including a map to scale.
- The placement and number of wells must be able to determine the extent and magnitude of the free product and dissolved product plumes.

A. Drilling method for construction of monitoring wells

- expected depth and diameter of monitoring wells
- date of expected drilling
- casing type, diameter, screen interval, and pack and slot sizing techniques
- depth and type of seal
- development method and criteria for adequacy of development
- plans for cuttings and development water

B. Ground water sampling plan

- method for free product measurement, observation of sheen
- well purging procedures
- sample collection procedures
- chain of custody procedures
- procedures for determining ground water gradient

D. Sampling schedule

- measure free product weekly for first month following well installation
- measure free product and dissolved constituents monthly for first three months.
- after first three months monitor quarterly.
- monitoring must occur a minimum of one year.

V. Provide a site safety plan

VI Development of a remediation Plan.

- A. The remediation plan is to include a time schedule for remediation, and, at minimum, must address the following issues:
- removal of all free product. Manual bailing is not acceptable as a recovery system. Actual amount of free product removed must be monitored and tabulated.
  - remediation of contaminated soils and dissolved constituents must follow RWQCB's resolution No. 68-16.
  - soils containing 1,000+ ppm of hydrocarbons must be remediated. Soils containing between 100 and 1,000 ppm must be remediated unless sufficient evidence is provided which indicates no adverse effects on groundwater will occur. Clean up of soils to 100 ppm is strongly recommended.
  - design of remedial action system should be based on a review of hydrogeologic and water quality data and on an evaluation of mitigation alternatives. The determination of probable capture zone(s) of extraction system(s) should be based on aquifer characteristics as determined by aquifer test data

VII Reporting

- A. Technical reports should be submitted with a cover letter from Bart. The letter must be signed by an authorized representative of the responsible party.
- B. Monthly reports must be submitted for the next three months with the first report due 90 days from the above letter date.
- C. Quarterly reports must be submitted with the first report due 90 days after the final monthly report. These reports should describe the status of the investigation and cleanup.
- D. All reports and proposals must be signed by a California-Certified Engineering Geologist, California Registered Geologist or a California-Registered Civil Engineer (see page 2, 2 June 1988 RWQCB document). A statement of qualifications should be included in



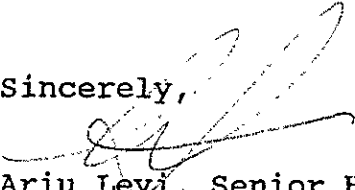
1127 Lewis  
December 28, 1989  
Page 5

all reports. Initial tank removal and soil sampling does not require such expertise; however, borehole and monitoring well installation and logging, and impact assessments do require such a professional.

All proposals, reports and analytical results pertaining to this investigation and remediation must be sent to our office and RWQCB. You should be aware that this Division is working in conjunction with the RWQCB and that this is a formal request for technical reports pursuant to California Water Code Section 13267 (b). Failure to respond or a late response may result in referral of this case to the RWQCB for enforcement and may subject you to civil liabilities imposed by the RWQCB to a maximum amount of \$1,000 per day. Any extensions of agreed upon time deadlines must be confirmed in writing by either this Division of the RWQCB.

Should you have any questions concerning the contents of this letter or the status of this case please feel free to contact me.

Sincerely,



Ariu Levi, Senior Hazardous Materials Specialist  
Alameda County Hazardous Materials Program

cc: Gil Jensen, Alameda County District Attorney, Consumer &  
Environmental Prtotection  
Rafat Shahid, Assistant Agency Director  
Ed Howell, Chief HazMat Unit  
Lester Feldman, SFRWQCB  
Howard Hatayama, DOHS  
Lt. McKinley, AFD  
Gary Zaccor, Zaccor Corp.  
Files

June 12, 1990

NOTES ON LEWIS BAY STREREET SERVICE STATION, LEO PAGANO PROPERTY

6/27/89:

Plan reivew:

4K gasoline, 4K gasoline, 1K gasoline, 1K gasoline  
250 gallon waste oil

requested samples to be analyzed for gas:

5030/8015g

5030/8020

w/o:

503D&E

8240

9/11/89:

Site visit for tank removals:

Larry Seto onsite for office

Mobil lab onsite for removals. Sample w/ up to 5,200 ppm TPHg found.

Larry indicates contractor wants to continue digging to identify area that is clean, then take confirmatory samples of claeen sidewalls.

Contrator wants to fill hole w/ clean fill. Consultant will submit plan of investigation on future date.

9/22/89

Report by Environmental Biosystems to job contractor (Gary Zaccor) reporting excavation sample results. See attached map.

Report recommendations:

generally acceptable

manifests for tanks included

10/10/89

Report from Environmental Biosystems to job contractor.

Report details additional digging work and findings. Larry Seto was onsite to witness work. Additional digging was done after tanks were removed. See attached map.

additional digging was not able to identify lateral extent of soil contamination.

Report recommendations:

acceptable: calls for 3 wells in established downgradient direction  
soils remediation to 100 ppm TPH

recommends SVE

Pagano Notes

Page 2

11/7/89:

Letter from Environmental Biosystems to Pagano.

Letter covers protocol for on site aeration of stockpiled soils.

Approx. 140 yds<sup>3</sup> were removed. Letter informs Pagano that 30 yds<sup>3</sup> of soil can be aerated at one time. Aeration was to continue until onsite meter readings of less than 100 ppm were detected. After two batches of soils were aerated a composite sample would be taken and analyzed for TPHg and if less than 100 ppm the soil would be sent to a Class III facility.

Acceptable to office.

11/15/89:

Received 9/22/89 & 10/10/89 reports from Environmental Bio-systems.

11/15/89:

Letter from Riedel to Pagano.

Letter covers the removal of 20yds<sup>3</sup> of soils to Mckittrick Draw facility.

12/8/89

Pagano informed by letter from Environmental Biosystems to pay BAAQMD permit fee for onsite aeration

12/13/89:

Soil results by Anametrix to Tim Babcock. with cover by Environmental Biosystems to Pagano. Sample came from "clean" stockpile and is to confirm that pile is eligible for disposal at a Class III facility. BTEX and TPHg were found at ND. Disposal to Class III is acceptable.

12/28/89:

Letter from office to Pagano confirming need to investigate release

12/29/89:

Site visit by Barney Chan and Ariu Levi.

Site inspection to determine whether any progress had been made since tank pull.

Pagano informed office may not have copy of all reports documenting work done at this facility to date. Requested copy of all reports be submitted to office. Pagano provided some and will provide rest later.

Copy of letter (12/28/89) given to Pagano

1/8/90:

Unauthorized release form submitted.

1/9/90:

Pagano's Atty supposedly talked to Gil Jensen & Lester Feldman re:  
Pagano case

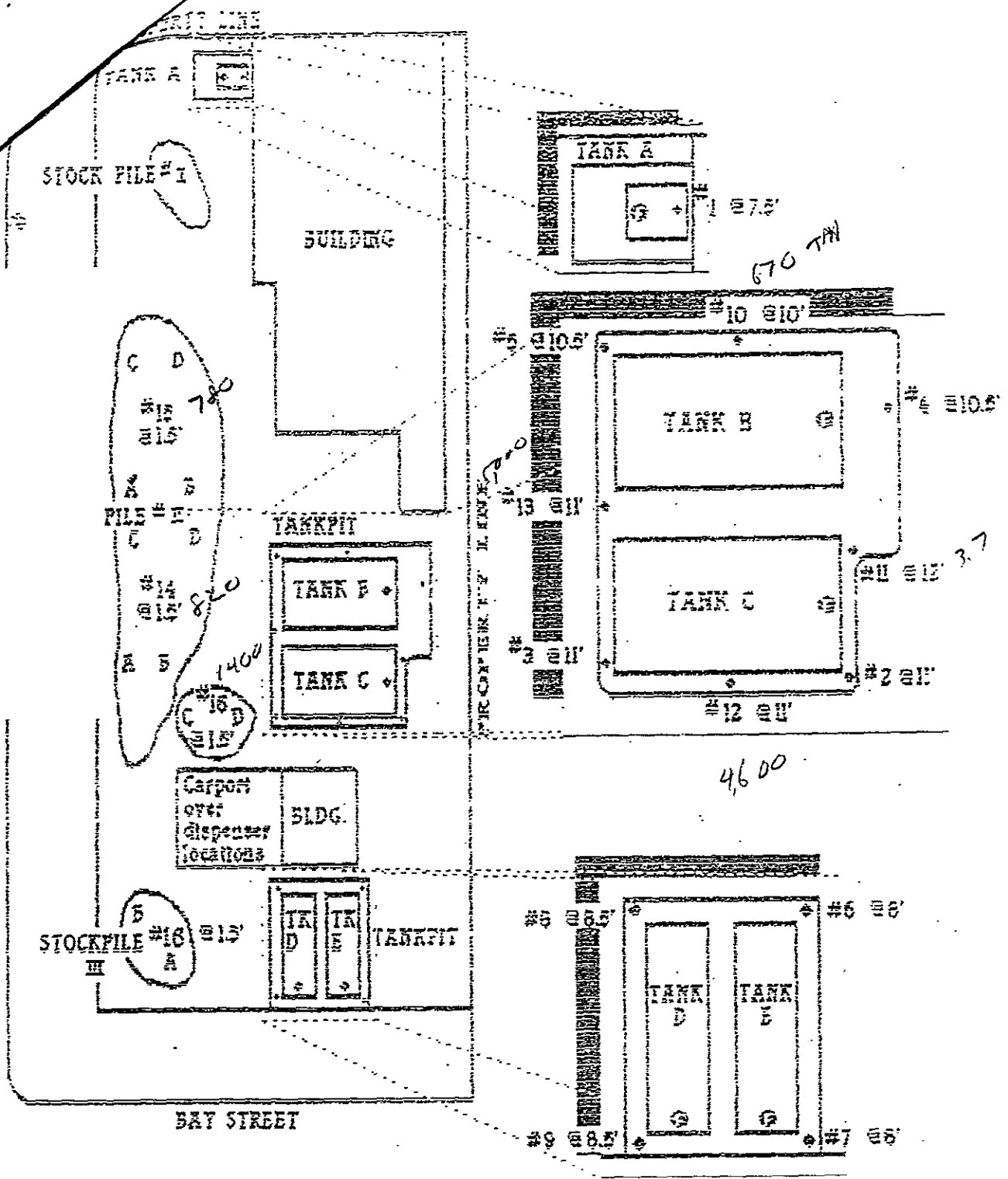
1/10/90:

Met w/ Leo Pagano, Robert Pagano, Tim Babcock (Environmental Bio Systems), Karl Morthole (Atty for Pagano).

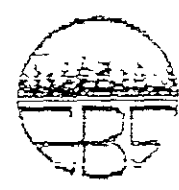
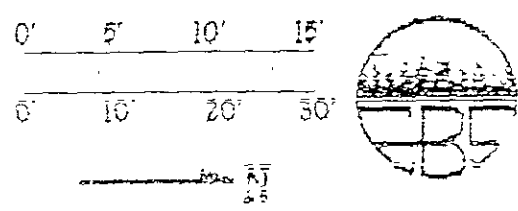
1. Discussed work to date and work pending.
2. Went over letter sent to Pagano by office. Atty questioned wording that said ground water had been impacted. He felt GW was still to be evaluated for impact.
3. Informed by Atty that Pagano had moved portion of stockpiled soil to another property he owns for further aeration. Atty said upon his discovery of this action he had Pagano move the soil back to where it came from. Atty was informing me because he was aware this is a violation of law. I told Atty. I would think about what he had told me and would probably have to inform the DA's office. Atty/Pagano showed photos of site where aeration occurred
4. Talked to Tim Babcock about plan of action to address site problem. Told him that in-situ treatment, ie, soil vapor extraction, vapor combustion and/or charcoal filtration, bioremediation, or recovery and extraction wells, or site aeration were all possible forms of site treatment. Told him to propose in the form of a work plan what he wanted to do and submit to office for review.
5. Told that onsite aeration had been approved by the BAAQMD (Barry Young)
6. Told that DHS ATS had been contacted (Alfred Wong)
7. Atty asked for: copy of RWQCB 68-16  
copy of letter from WQCB delegating authority to us. told him I would check w/ DA's office about giving him a copy of the letter

1/12/90:

Environmental Biosystems supposed to have work plan ready for office review. Proposed work discussed in 1/10/90 meeting.



ZACCOR @  
 LEWIS BAY SERVICE STATION  
 1127 LINCOLN AVE.  
 ALAMEDA, CA.



WATER LINE

TANK A

STOCK PILE #1

BUILDING

C D

#1 10' 10'

STOCKPILE #2

A B  
C D  
#2 10' 10'

TANK PIT

TANK B

TANK C

Garage  
over  
dispenser  
location  
BLDG.

STOCKPILE #3

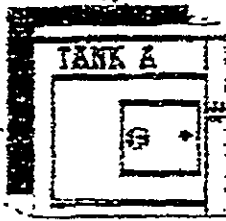
#3 10' 10'

TANK D

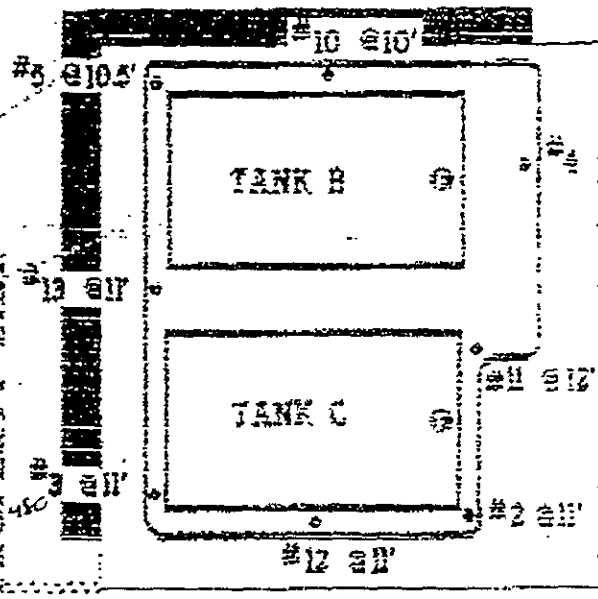
TANK E

TANK PIT

BAY STREET



1 @ 7.5' WASTE OIL



#5 @ 10.5'

#10 @ 10'

#6 @ 10.5' 61

#13 @ 11'

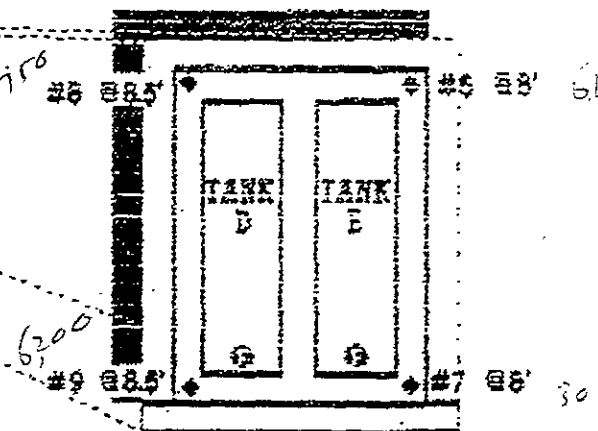
#11 @ 12'

#4 @ 10'

#2 @ 11'

#12 @ 11'

5,100 TPA



#6 @ 8.5'

#8 @ 8'

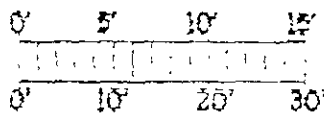
6100

#9 @ 8.5'

#7 @ 8'

300

ZACCOR @  
LEWIS BAY SERVICE STATION  
1127 LINCOLN AVE.  
ALAMEDA, CA.





**Waste Management of North America**  
**GENERATOR SPECIAL WASTE PROFILE SHEET**  
 TYPE A Waste  
 PLEASE PRINT IN INK OR TYPE

DURHAM ROAD LANDFILL  
 7010 DURHAM ROAD  
 FREMONT, CA 94538  
 (415) 657-2425

WMA 085324  
 Waste Profile Sheet Code

INSTRUCTIONS FOR COMPLETING THIS FORM ARE ATTACHED

(Shaded Areas For WMNA Use Only)

Renewal Date of Service Agreement:

WMNA Sales Rep#:

**A. WHERE IS THE WASTE GENERATED?**

1. Generator Name: Lewis' Bay Street Auto Services  
 2. Facility Address (site of waste generation): 1127 Lincoln Ave.  
 3. Generator City, State/Province: Alameda, CA 4. Zip/Postal Code: 94501  
 5. Generator USEPA/Federal ID: NA  
 6. Generator State/Province ID: NA  
 7. Technical Contact: Environmental Bio-Systems, Inc.-Tim Babcock 8. Phone: (415) 429-9988

**B. WHERE ARE WASTE MANAGEMENT, INC. INVOICES SENT?**

1.  Generating Facility (A, above), or  
 2. Company Name: Leo Pagano (property owner) 3. Phone: (415) 522-1878  
 4. Address: 1104 Fountain Street  
 5. Generator City, State/Province: Alameda, CA 6. Zip/Postal Code: 94501

**C. PHYSICAL CHARACTERISTICS OF WASTE (See Instructions)**

1. Name of Waste: contaminated soil  
 2. Process Generating Waste: aeration of gasoline contaminated soil from tank removal  
 3. Special Handling Instructions: none

|                          |  |  |   |                                     |  |
|--------------------------|--|--|---|-------------------------------------|--|
| 4. Color<br><u>brown</u> | 5. Does the waste have a strong incidental odor?<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes if so, describe: _____ | 6. Physical State @ 70°F/21°C:<br><input checked="" type="checkbox"/> Solid <input type="checkbox"/> Semi-Solid<br><input type="checkbox"/> Liquid <input type="checkbox"/> Powder<br>Other: _____ | 7. Layers<br><input type="checkbox"/> Multi-layered<br><input type="checkbox"/> Bi-layered<br><input checked="" type="checkbox"/> Single Phased | 8. Specific Gravity:<br>Range _____ | 9. Free Liquids:<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Volume: _____ % |
|--------------------------|--|--|---|-------------------------------------|--|

10. pH:  ≤ 2  > 2-4  4-7  7  7-10  10- < 12.5  ≥ 12.5  Range  NA

11. Flash Point:  None  <140°F/60°C  140°-199°F/60°-83°C  ≥ 200°F/93°C  Closed Cup  Open Cup

**D. TRANSPORTATION INFORMATION**

1. Method of Shipment:  Bulk Liquid  Bulk Sludge  Bulk Solid  Drum/Box  Other \_\_\_\_\_  
 2. Annual Amount/Units: NA  
 3. Supplemental Information: \_\_\_\_\_

4. Is this a DOT hazardous material?  No  Yes (If so, complete 5, 6 & 7) 5. Hazard Class/ID #: \_\_\_\_\_  
 6. Reportable Quantity/ Units (lb/kg): \_\_\_\_\_ 7. Shipping Name: \_\_\_\_\_

Check this box if additional information is attached

Turn Page and Complete Side 2



# Waste Management of North America

## GENERATOR SPECIAL WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

### E. CHEMICAL COMPOSITION

|   |                                     |                                  |           |  |  |  |                               |                    |   |   |  |  |                |                    |   |   |  |  |                |                    |   |   |  |  |                     |                    |   |   |  |  |                |                    |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |  |  |       |              |        |       |                                     |                                  |           |          |                                     |                                  |           |          |                                     |                                 |           |           |                                     |                                  |           |
|---|-------------------------------------|----------------------------------|-----------|--|--|--|-------------------------------|--------------------|---|---|--|--|----------------|--------------------|---|---|--|--|----------------|--------------------|---|---|--|--|---------------------|--------------------|---|---|--|--|----------------|--------------------|---|---|--|--|-------|-------|---|---|--|--|-------|-------|---|---|--|--|-------|-------|---|---|--|--|-------|-------|---|---|--|--|-------|-------|---|---|--|--|-------|-------|---|---|--|--|--|--|-------|--------------|--------|-------|-------------------------------------|----------------------------------|-----------|----------|-------------------------------------|----------------------------------|-----------|----------|-------------------------------------|---------------------------------|-----------|-----------|-------------------------------------|----------------------------------|-----------|
| <p>1.</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 30%;"></td> <td style="text-align: center;">RANGE<br/>MIN.-MAX.</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td><u>Petroleum Hydrocarbons</u></td> <td style="text-align: center;"><u>&lt;1.0 ppm</u></td> <td style="text-align: center;">-</td> <td style="text-align: center;">%</td> <td></td> <td></td> </tr> <tr> <td><u>Benzene</u></td> <td style="text-align: center;"><u>&lt;0.1 ppm</u></td> <td style="text-align: center;">-</td> <td style="text-align: center;">%</td> <td></td> <td></td> </tr> <tr> <td><u>Toluene</u></td> <td style="text-align: center;"><u>&lt;0.1 ppm</u></td> <td style="text-align: center;">-</td> <td style="text-align: center;">%</td> <td></td> <td></td> </tr> <tr> <td><u>Ethylbenzene</u></td> <td style="text-align: center;"><u>&lt;0.1 ppm</u></td> <td style="text-align: center;">-</td> <td style="text-align: center;">%</td> <td></td> <td></td> </tr> <tr> <td><u>Xylenes</u></td> <td style="text-align: center;"><u>&lt;0.1 ppm</u></td> <td style="text-align: center;">-</td> <td style="text-align: center;">%</td> <td></td> <td></td> </tr> <tr> <td>_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">-</td> <td style="text-align: center;">%</td> <td></td> <td></td> </tr> <tr> <td>_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">-</td> <td style="text-align: center;">%</td> <td></td> <td></td> </tr> <tr> <td>_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">-</td> <td style="text-align: center;">%</td> <td></td> <td></td> </tr> <tr> <td>_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">-</td> <td style="text-align: center;">%</td> <td></td> <td></td> </tr> <tr> <td>_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">-</td> <td style="text-align: center;">%</td> <td></td> <td></td> </tr> <tr> <td>_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">-</td> <td style="text-align: center;">%</td> <td></td> <td></td> </tr> </table> |                                     | RANGE<br>MIN.-MAX.               |           |  |  |  | <u>Petroleum Hydrocarbons</u> | <u>&lt;1.0 ppm</u> | - | % |  |  | <u>Benzene</u> | <u>&lt;0.1 ppm</u> | - | % |  |  | <u>Toluene</u> | <u>&lt;0.1 ppm</u> | - | % |  |  | <u>Ethylbenzene</u> | <u>&lt;0.1 ppm</u> | - | % |  |  | <u>Xylenes</u> | <u>&lt;0.1 ppm</u> | - | % |  |  | _____ | _____ | - | % |  |  | _____ | _____ | - | % |  |  | _____ | _____ | - | % |  |  | _____ | _____ | - | % |  |  | _____ | _____ | - | % |  |  | _____ | _____ | - | % |  |  | <p>2. Does this waste contain any of the following (provide concentration if known):</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%; text-align: center;">NO or</td> <td style="width: 15%; text-align: center;">LESS THAN or</td> <td style="width: 15%; text-align: center;">ACTUAL</td> </tr> <tr> <td>PCB's</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/> &lt;50 ppm</td> <td style="text-align: center;">_____ ppm</td> </tr> <tr> <td>Cyanides</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/> &lt;50 ppm</td> <td style="text-align: center;">_____ ppm</td> </tr> <tr> <td>Sulfides</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/> &lt;50ppm</td> <td style="text-align: center;">_____ ppm</td> </tr> <tr> <td>Phenolics</td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/> &lt;50 ppm</td> <td style="text-align: center;">_____ ppm</td> </tr> </table> <p style="margin-top: 20px;">Total: _____ %</p> |  | NO or | LESS THAN or | ACTUAL | PCB's | <input checked="" type="checkbox"/> | <input type="checkbox"/> <50 ppm | _____ ppm | Cyanides | <input checked="" type="checkbox"/> | <input type="checkbox"/> <50 ppm | _____ ppm | Sulfides | <input checked="" type="checkbox"/> | <input type="checkbox"/> <50ppm | _____ ppm | Phenolics | <input checked="" type="checkbox"/> | <input type="checkbox"/> <50 ppm | _____ ppm |
|   | RANGE<br>MIN.-MAX.                  |                                  |           |  |  |  |                               |                    |   |   |  |  |                |                    |   |   |  |  |                |                    |   |   |  |  |                     |                    |   |   |  |  |                |                    |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |  |  |       |              |        |       |                                     |                                  |           |          |                                     |                                  |           |          |                                     |                                 |           |           |                                     |                                  |           |
| <u>Petroleum Hydrocarbons</u>   | <u>&lt;1.0 ppm</u>                  | -                                | %         |  |  |  |                               |                    |   |   |  |  |                |                    |   |   |  |  |                |                    |   |   |  |  |                     |                    |   |   |  |  |                |                    |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |  |  |       |              |        |       |                                     |                                  |           |          |                                     |                                  |           |          |                                     |                                 |           |           |                                     |                                  |           |
| <u>Benzene</u>  | <u>&lt;0.1 ppm</u>                  | -                                | %         |  |  |  |                               |                    |   |   |  |  |                |                    |   |   |  |  |                |                    |   |   |  |  |                     |                    |   |   |  |  |                |                    |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |  |  |       |              |        |       |                                     |                                  |           |          |                                     |                                  |           |          |                                     |                                 |           |           |                                     |                                  |           |
| <u>Toluene</u>  | <u>&lt;0.1 ppm</u>                  | -                                | %         |  |  |  |                               |                    |   |   |  |  |                |                    |   |   |  |  |                |                    |   |   |  |  |                     |                    |   |   |  |  |                |                    |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |  |  |       |              |        |       |                                     |                                  |           |          |                                     |                                  |           |          |                                     |                                 |           |           |                                     |                                  |           |
| <u>Ethylbenzene</u>   | <u>&lt;0.1 ppm</u>                  | -                                | %         |  |  |  |                               |                    |   |   |  |  |                |                    |   |   |  |  |                |                    |   |   |  |  |                     |                    |   |   |  |  |                |                    |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |  |  |       |              |        |       |                                     |                                  |           |          |                                     |                                  |           |          |                                     |                                 |           |           |                                     |                                  |           |
| <u>Xylenes</u>  | <u>&lt;0.1 ppm</u>                  | -                                | %         |  |  |  |                               |                    |   |   |  |  |                |                    |   |   |  |  |                |                    |   |   |  |  |                     |                    |   |   |  |  |                |                    |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |  |  |       |              |        |       |                                     |                                  |           |          |                                     |                                  |           |          |                                     |                                 |           |           |                                     |                                  |           |
| _____   | _____                               | -                                | %         |  |  |  |                               |                    |   |   |  |  |                |                    |   |   |  |  |                |                    |   |   |  |  |                     |                    |   |   |  |  |                |                    |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |  |  |       |              |        |       |                                     |                                  |           |          |                                     |                                  |           |          |                                     |                                 |           |           |                                     |                                  |           |
| _____   | _____                               | -                                | %         |  |  |  |                               |                    |   |   |  |  |                |                    |   |   |  |  |                |                    |   |   |  |  |                     |                    |   |   |  |  |                |                    |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |  |  |       |              |        |       |                                     |                                  |           |          |                                     |                                  |           |          |                                     |                                 |           |           |                                     |                                  |           |
| _____   | _____                               | -                                | %         |  |  |  |                               |                    |   |   |  |  |                |                    |   |   |  |  |                |                    |   |   |  |  |                     |                    |   |   |  |  |                |                    |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |  |  |       |              |        |       |                                     |                                  |           |          |                                     |                                  |           |          |                                     |                                 |           |           |                                     |                                  |           |
| _____   | _____                               | -                                | %         |  |  |  |                               |                    |   |   |  |  |                |                    |   |   |  |  |                |                    |   |   |  |  |                     |                    |   |   |  |  |                |                    |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |  |  |       |              |        |       |                                     |                                  |           |          |                                     |                                  |           |          |                                     |                                 |           |           |                                     |                                  |           |
| _____   | _____                               | -                                | %         |  |  |  |                               |                    |   |   |  |  |                |                    |   |   |  |  |                |                    |   |   |  |  |                     |                    |   |   |  |  |                |                    |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |  |  |       |              |        |       |                                     |                                  |           |          |                                     |                                  |           |          |                                     |                                 |           |           |                                     |                                  |           |
| _____   | _____                               | -                                | %         |  |  |  |                               |                    |   |   |  |  |                |                    |   |   |  |  |                |                    |   |   |  |  |                     |                    |   |   |  |  |                |                    |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |  |  |       |              |        |       |                                     |                                  |           |          |                                     |                                  |           |          |                                     |                                 |           |           |                                     |                                  |           |
|   | NO or                               | LESS THAN or                     | ACTUAL    |  |  |  |                               |                    |   |   |  |  |                |                    |   |   |  |  |                |                    |   |   |  |  |                     |                    |   |   |  |  |                |                    |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |  |  |       |              |        |       |                                     |                                  |           |          |                                     |                                  |           |          |                                     |                                 |           |           |                                     |                                  |           |
| PCB's   | <input checked="" type="checkbox"/> | <input type="checkbox"/> <50 ppm | _____ ppm |  |  |  |                               |                    |   |   |  |  |                |                    |   |   |  |  |                |                    |   |   |  |  |                     |                    |   |   |  |  |                |                    |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |  |  |       |              |        |       |                                     |                                  |           |          |                                     |                                  |           |          |                                     |                                 |           |           |                                     |                                  |           |
| Cyanides  | <input checked="" type="checkbox"/> | <input type="checkbox"/> <50 ppm | _____ ppm |  |  |  |                               |                    |   |   |  |  |                |                    |   |   |  |  |                |                    |   |   |  |  |                     |                    |   |   |  |  |                |                    |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |  |  |       |              |        |       |                                     |                                  |           |          |                                     |                                  |           |          |                                     |                                 |           |           |                                     |                                  |           |
| Sulfides  | <input checked="" type="checkbox"/> | <input type="checkbox"/> <50ppm  | _____ ppm |  |  |  |                               |                    |   |   |  |  |                |                    |   |   |  |  |                |                    |   |   |  |  |                     |                    |   |   |  |  |                |                    |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |  |  |       |              |        |       |                                     |                                  |           |          |                                     |                                  |           |          |                                     |                                 |           |           |                                     |                                  |           |
| Phenolics   | <input checked="" type="checkbox"/> | <input type="checkbox"/> <50 ppm | _____ ppm |  |  |  |                               |                    |   |   |  |  |                |                    |   |   |  |  |                |                    |   |   |  |  |                     |                    |   |   |  |  |                |                    |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |       |       |   |   |  |  |  |  |       |              |        |       |                                     |                                  |           |          |                                     |                                  |           |          |                                     |                                 |           |           |                                     |                                  |           |

Please note: The chemical composition total in the maximum column must be greater than or equal to 100%.

### F. METALS

1. Does this waste contain any of the following metals (provide concentration if known):

|   |   |  |
|---|---|--|
| Arsenic <input type="checkbox"/> <5 or _____ ppm  | Barium <input type="checkbox"/> <100 or _____ ppm | Cadmium <input type="checkbox"/> <1 or _____ ppm   |
| Chromium <input type="checkbox"/> <5 or _____ ppm | Lead <input type="checkbox"/> <5 or _____ ppm     | Mercury <input type="checkbox"/> <0.2 or _____ ppm |
| Selenium <input type="checkbox"/> <1 or _____ ppm | Silver <input type="checkbox"/> <5 or _____ ppm   | Copper <input type="checkbox"/> _____ ppm          |
| Nickel <input type="checkbox"/> _____ ppm         | Zinc <input type="checkbox"/> _____ ppm           |  |

2. Indicate method used to determine concentration (if provided):

EP TOX                       TCLP, or                       Total

### G. GENERATOR CERTIFICATION

By signing this profile sheet, the generator certifies that unless clearly stated above or in attachments:

1. This waste is not a "Hazardous Waste" as defined by USEPA or Canadian Federal regulation and/or the state/province.
2. This waste does not contain regulated quantities of PCB's (Polychlorinated Biphenyls).
3. This sheet and its attachments contain true and accurate descriptions of the waste material. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.
4. The Contractor's Definition of Special Waste (Form WMNA 0038 AD) has been read, signed and attached.

\_\_\_\_\_  
 Signature

LEO PAGANO  
 \_\_\_\_\_  
 Name (Type or Print)

OWNER  
 \_\_\_\_\_  
 6. Title

Dec 28, 1989  
 \_\_\_\_\_  
 8. Date





# Environmental Bio-Systems

30028 Industrial Parkway, Southwest  
Hayward, California 94544-6904  
(415) 429-9988

December 8, 1989

Leo Pagano  
1104 Fountain Street  
Alameda, California 94501

Dear Mr. Pagano:

Please sign the enclosed form P-101B and forward all enclosed information to the address indicated on the BAAQMD cover letter.

A check for \$360.00 should also be sent with the enclosed information. If the application is accepted, you will receive an approval to proceed with the proposed aeration project. The BAAQMD will then invoice you for an additional \$82.50 (Operation Fee).

If you have any questions please feel free to contact either myself or Timothy Babcock.

Sincerely,  
ENVIRONMENTAL BIO-SYSTEMS, INC.

Brenda D. McNabb

BDM  
Attachments

*Paid Dec 13, 1989  
Check # 178  
amt. \$ 360.00*

INVOICE

ARE AN EQUAL OPPORTUNITY EMPLOYER M  
"Imagineering a cleaner world"



# RIEDEL ENVIRONMENTAL SERVICES, INC.

4611 N. CHANNEL AVENUE - P.O. BOX 5007 - PORTLAND, OREGON 97208-5007

PLEASE REMIT TO: P.O. BOX 4500-67, PORTLAND, OR 97208

HOT LINE: (800) 334-0004

BUSINESS PHONE: (503) 286-4656

TELEX: 151372

JOB LOCATION 1129 Lincoln Ave., Fairfield

DATE Nov. 16, 1989

SOLD TO Leo Pagano  
1104 Fountain Street  
Alameda, CA 94501

YOUR NO.

INVOICE NO. 200822

JOB NO. 4177-8946

ATTENTION: Leo Pagano

TERMS: Net 30 days from date of invoice.  
SERVICE CHARGE: A service charge of two  
(2%) percent per month shall be charged to  
all balances not paid within the terms of sale.

Billing For Load, Transport, Disposal of Soil.

|   |                             |            |
|---|-----------------------------|------------|
| ✓ | 40.32 Tons /195.00          | \$7,862.40 |
|   | Total                       | \$7,862.40 |
|   | Less Check Received(Ck#169) | <5,850.00> |
|   | TOTAL AMOUNT DUE            | 2,012.40   |

*TOTAL AMT \$ 7862.40*

FED TAX ID# 93-0880327

*Valeria Ramirez*  
Valeria Ramirez/Regional Business Manager

ST LOUIS REGION  
18207 EDISON AVENUE  
CHESTERFIELD MO 63005-3703  
314-532-7660  
FAX 314-536-1655

PORTLAND REGION  
FOOT OF NORTH PORTSMOUTH  
P O BOX 03096  
PORTLAND OR 97203-0096  
503-286-4656  
FAX 503-283-9703

LOS ANGELES REGION  
20280 S VERMONT AVE SUITE 200  
TORRANCE CA 90502-1300  
213-327-4428  
FAX 213-327-8256

SAN FRANCISCO REGION  
4138 LAKESIDE DRIVE  
RICHMOND CA 94806  
415-222-7810  
FAX 415-222-6868



RIEDEL ENVIRONMENTAL  
SERVICES, INC.

San Francisco Region:  
4138 Lakeside Drive  
Richmond, California 94806  
(415) 222-7810  
FAX: (415) 222-6868

November 15, 1989

Mr. Leo Pagano  
1104 Fountain Street  
Alameda, CA 94501

Subject: Soil Removal  
1127 Lincoln Avenue  
Alameda, CA 94501

Dear Mr. Pagano:

Riedel Environmental Services, Inc. (RES) is pleased to confirm the following information pertaining to the subject soil removal as discussed with you:

- o RES will provide loading, transport, and disposal services of 20 cubic yards of soil at 1127 Lincoln Avenue, Alameda. The soil will be disposed of at Liquid Waste Management's disposal facility at McKittrick Draw, California.
- o RES' cost for handling the soil is \$195 per ton. The total cost for completing this soil removal project is \$5,850. We will receive this fee from you when we do the job.
- o The project is scheduled to start at the site at 9 a.m. on November 16, 1989.
- o If the volume of soil encountered is higher than the original estimate, RES will bill you for the additional amount of soil on the basis of the same rate per ton.

We appreciate this business opportunity.

Sincerely,

RIEDEL ENVIRONMENTAL SERVICES, INC.

A handwritten signature in black ink, appearing to read 'Dan L. Health', is written over the typed name.

Dan L. Health  
Project Manager

DLH:hav

# AUTHORIZATION TO PROCEED

TO: Riedel Environmental Services, Inc. ("RIEDEL")

CUSTOMER: MR. LEO FAGANO

1. The undersigned customer ("CUSTOMER") hereby authorizes Riedel to immediately proceed to render the following cleanup services:

DISPOSE OF SOIL AT 1127 LINCOLN AVE. ALAMEDA CAL. ABOVE SERVICES PROVIDED AT \$195.00 PER TON (LAD), TRANSPORT, AND

2. CUSTOMER agrees to pay for all labor, materials and supplies involved in rendering the cleanup services in accordance with RIEDEL's current fee schedules (copies of which are attached hereto and incorporated herein as Exhibit A).

3. CUSTOMER agrees: (i) to pay RIEDEL's invoices for the cleanup services within thirty (30) days of the date of invoice; (ii) to pay a service charge accruing at a rate of two percent (2%) per month on any past due invoiced amounts; and (iii), if RIEDEL institutes any legal proceeding, action or suit to collect any past due invoice(s) for cleanup services, to pay RIEDEL's attorneys fees incurred in such proceeding, action or suit or in any appeal thereon.

4. The person executing this authorization below for CUSTOMER represents and warrants that he/she has authority to do so and that this authorization shall constitute a valid and binding agreement of the CUSTOMER.

"RIEDEL":

Riedel Environmental Services, Inc.

by DAN HEATH *[Signature]*

Capacity PROJECT MANAGER

Date 11/16/89

"CUSTOMER"

*[Signature]*

by *[Signature]*

Capacity *[Signature]*

Date *[Signature]*

INVOICE

ARE AN EQUAL OPPORTUNITY EMPLOYER M  
"Imageneering a cleaner world"



**RIEDEL ENVIRONMENTAL SERVICES, INC.**

4611 N. CHANNEL AVENUE - P.O. BOX 5007 - PORTLAND, OREGON 97208-5007

PLEASE REMIT TO: P.O. BOX 4500-67, PORTLAND, OR 97208

HOT LINE: (800) 334-0004

BUSINESS PHONE: (503) 286-4656

TELEX: 151372

JOB LOCATION 1129 Lincoln Ave., Fairfield ?

DATE Nov. 16, 1989

SOLD TO Leo Pagano  
1104 Fountain Street  
Alameda, CA 94501

YOUR NO.

INVOICE NO. 200828

JOB NO. 4177-8946

ATTENTION: Leo Pagano

TERMS: Net 30 days from date of invoice.  
SERVICE CHARGE: A service charge of two  
(2%) percent per month shall be charged to  
all balances not paid within the terms of sale.

Billing For Load, Transport, Disposal of Soil.

✓ 40.32 Tons /195.00

\$7,862.40

Total

\$7,862.40

Less Check Received(Ck#169)

<5,850.00>

TOTAL AMOUNT DUE

2,012.40

FED TAX ID# 93-0880327

*Valeria Ramirez*

Valeria Ramirez/Regional Business Manager

ST. LOUIS REGION  
18207 EDISON AVENUE  
CHESTERFIELD MO 63005-3703  
314-652-7660  
FAX 314-656-1655

PORTLAND REGION  
FOOT OF NORTH PORTSMOUTH  
P.O. BOX 03096  
PORTLAND OR 97203-0096  
503-286-4356  
FAX 503-280-9703

LOS ANGELES REGION  
20280 S. VERMONT AVE SUITE 200  
TORRANCE CA 90502-1302  
213-227-4428  
FAX 213-227-8236

SAN FRANCISCO REGION  
4138 LAKESIDE DRIVE  
RICHMOND CA 94806  
415-222-7810  
FAX 415-222-6868

RIEDEL ENVIRONMENTAL SERVICES IS A SUBSIDIARY OF RIEDEL ENVIRONMENTAL TECHNOLOGIES, INC.

LEO PAGANO

1104 FOUNTAIN STREET - ALAMEDA, CA 94501

Phone (415) 522-1878

November 13, 1989

Alameda County Dept. of Health  
Hazardous Material Division  
80 Swan Way - Suite 200  
Oakland, CA 94621

Gentlemen:

Enclosed are copies of the documentation and analysis concerning the initial tank removal and assessment (dated September 22, 1989) and additional excavation sampling and assessment dated October 10, 1989 performed by Environmental Bio-Systems, at Lewis Bay Service Station, 1127 Lincoln Ave., Alameda, CA.

If there are any questions or further developments regarding this matter, please call me at (415) 522-1878 or mail to above address.

Thank you.



Leo Pagano

Encls.



# Environmental Bio-Systems

30028 Industrial Parkway, Southwest  
Hayward, California 94544-6904  
(415) 429-9988

November 7, 1989

<sup>LEO</sup>  
~~Robert~~ Pagano  
1104 Fountain Street  
Alameda, California 94501

Dear Mr. Pagano:

Environmental Bio-Systems, Inc. is pleased to provide you with the following proposed protocol for the aeration of contaminated soil currently stockpiled at the Lewis Bay Service Station at 1127 Lincoln Avenue in Alameda, California.

## OVERVIEW OF PRIOR SITE INVESTIGATION

On 9/11/89, five underground storage tanks were removed from the location by the Zaccor Corporation. At this time, Environmental Bio-Systems, Inc. performed native soil interface sampling beneath the tanks as well as an elementary assessment of lateral migration which was carried out when further excavation of suspect soil was attempted (EBS reports dated 9/22/89, and 10/10/89).

Composite sampling of the soil, stockpiled during removal of the tanks, was performed according to Rule 40 of the Bay Area Air Quality Management District's (BAAQMD) guidelines. The results of this sampling indicated that the average contaminant concentration within the soil was 1,000 parts per million (ppm).

## STOCKPILE SOIL AERATION

Approximately 140 cubic yards of soil were removed during excavation of the gasoline tanks and stockpiled on site. At the average level of contamination found in the composite sampling of the stockpiles, the Bay Area Air Quality Management District's

ENVIRONMENTAL BIO-SYSTEMS, INC.

regulation 8, rule 40 (revised 1/11/89), allows up to 30 cubic yards per day for uncontrolled aeration.

Aeration would be accomplished by spreading approximately 30 cubic yards of soil out on the site and turning it twice per week using a bobcat. A cover would be provided for the soil to prevent runoff from rain intrusion.

The bulk of the surface of the site is covered by asphalt except where the tanks were excavated. These areas, now backfilled and compacted with clean fill, would be covered with a plastic hydrocarbon resistant liner prior to the start of treatment.

Soil vapor monitoring would be carried out prior to each turning of the soil using a organic vapor analyzer (OVA). At that point at which the level of flammable vapors found within the treating soil are found to be acceptably below 100 ppm, the soil would be considered treated. The treated soil would be segregated from the remaining contaminated soil and stored on site until completion of the next batch, at which time a composite sample would be collected from the combined volume from both batches (approximately 60 cubic yards). Analysis of the samples at a certified hazardous material testing laboratory would include total petroleum hydrocarbons (TPH) as gasoline, benzene, toluene, xylenes, and ethylbenzene (BTX&E).

Following certified analytical confirmation of the soil's treatment to a concentration below 100 ppm, the treated soil would be hauled off to a class III landfill for use as cover material.



Date: September 14, 1989Job Name: 1127 Lincoln Ave., Alameda - tank removalINVOICE # 1To: Mr. Leo Pagano1104 Fountain StreetAlameda, CA 94501522-1878

|  |             |
|--|-------------|
| Original contract  | \$16,410.00 |
| 6 extra samples per County request at \$90@  | 540.00      |
| 255 tons sand backfill at \$6.90 delivered   | 1,759.50    |
| 225 Caterpillar backhoe-6.5 hrs at \$135   | 877.50      |
| Bobcat 843-6.5 hrs at \$65   | 422.50      |
| Additional visqueen to cover stockpile   | 89.00       |
| Environmental BioSystems-3rd party documentation,<br>pictures, extra sampling-5.5 hrs at \$65<br>(includes final report) | 357.50      |
| TOTAL  | \$20,456.00 |
| Deduct for not paving two gas tank holes   | - 1,650.00  |
| BALANCE DUE THIS INVOICE   | \$18,806.00 |

Extra charges pending: Disposal of two 55 gallon drums  
at Class 1 Hazardous Disposal Site pending County approval.

Total \$ 18,806.00

Please print or type (Form designed for use on elite (12 pin) typewriter).

89495209  
IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

| UNIFORM HAZARDOUS WASTE MANIFEST   |  | 1. Generator's US EPA ID No. |  | Manifest Document No.   |  | 2. Page 1 of 1                            |  | Information in the shaded areas is not required by Federal law. |                                     |  |  |                        |  |
|--|--|------------------------------|--|---|--|---|--|---|-------------------------------------|--|--|------------------------|--|
| 3. Generator's Name and Mailing Address<br><b>LEJ PAGANO</b><br>1104 Fountain Street<br>Alameda, CA 94501  |  |                              |  | JOB SITE: <b>LEWIS'S BAY STREET SERVICE, 1127 Lincoln Avenue, Alameda</b> |  |   |  | A. State Manifest Document Number<br><b>89495209</b>            |                                     |  |  |                        |  |
| 4. Generator's Phone<br>(415) 522-1873   |  |                              |  | 5. Transporter 1 Company Name<br><b>H &amp; H Ship Service Company</b>    |  |   |  | 6. US EPA ID Number   |                                     | C. State Transporter's ID<br><b>003748</b> |  |                        |  |
| 7. Transporter 2 Company Name  |  |                              |  | 8. US EPA ID Number   |  |   |  | D. Transporter's Phone<br>(415) 543-4835                        |                                     | E. State Transporter's ID                  |  |                        |  |
| 9. Designated Facility Name and Site Address<br><b>H &amp; H Ship Service Company</b><br>220 China Basin Street<br>San Francisco, CA 94107   |  |                              |  | 10. US EPA ID Number  |  |   |  | G. State Facility's ID  |                                     | F. Transporter's Phone                     |  |                        |  |
|  |  |                              |  |   |  |   |  | H. Facility's Phone<br>(415) 543-4835                           |                                     |  |  |                        |  |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)   |  |                              |  |   |  | 12. Containers                            |  | 13. Total Quantity  |                                     | 14. Unit                                   |  | 15. Waste No.          |  |
| a. RESIDUE GASOLINE TANKS (CALIFORNIA ONLY REGULATED WASTE)  |  |                              |  |   |  | 01012 TLP                                 |  | 010101010   |                                     | P  |  | State 512<br>EPA/Other |  |
| b. RESIDUE GASOLINE TANKS (CALIFORNIA ONLY REGULATED WASTE)  |  |                              |  |   |  | 01012 TLP                                 |  | 010101010   |                                     | P  |  | State<br>EPA/Other     |  |
| c. RESIDUE DIESEL FUEL TANK (CALIFORNIA ONLY REGULATED WASTE)  |  |                              |  |   |  | 01011 TLP                                 |  | 010121510   |                                     | P  |  | State 512<br>EPA/Other |  |
| d.   |  |                              |  |   |  |   |  |   |                                     |  |  | State<br>EPA/Other     |  |
| J. Additional Descriptions for Materials Listed Above<br><b>PUMPED OUT 4,000 gallon tanks, 1,000 gallon tanks and 250 gallon tank last containing gasoline and waste oil. Tanks inerted with dry ice for transport.</b>  |  |                              |  |   |  | K. Handling Codes for Wastes Listed Above |  |   |                                     |  |  |                        |  |
|  |  |                              |  |   |  | a. 01                                     |  | b. 01   |                                     |  |  |                        |  |
|  |  |                              |  |   |  | c. 01                                     |  | d.  |                                     |  |  |                        |  |
| 15. Special Handling Instructions and Additional Information<br><br><b>APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR.</b>   |  |                              |  |   |  |   |  |   |                                     |  |  |                        |  |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.<br><br>If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. |  |                              |  |   |  |   |  |   |                                     |  |  |                        |  |
| Printed/Typed Name<br><b>Scott Zaccaro</b>   |  |                              |  |   |  | Signature<br><i>Scott Zaccaro</i>         |  |   | Month Day Year<br><b>10/01/1989</b> |  |  |                        |  |
| 17. Transporter 1 Acknowledgement of Receipt of Materials  |  |                              |  |   |  |   |  |   |                                     |  |  |                        |  |
| Printed/Typed Name<br><b>ESTEBAN M. FENALVER</b>   |  |                              |  |   |  | Signature<br><i>Esteban M. Fenalver</i>   |  |   | Month Day Year<br><b>10/01/1989</b> |  |  |                        |  |
| 18. Transporter 2 Acknowledgement of Receipt of Materials  |  |                              |  |   |  |   |  |   |                                     |  |  |                        |  |
| Printed/Typed Name   |  |                              |  |   |  | Signature                                 |  |   | Month Day Year                      |  |  |                        |  |
| 19. Discrepancy Indication Space   |  |                              |  |   |  |   |  |   |                                     |  |  |                        |  |
| 20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19   |  |                              |  |   |  |   |  |   |                                     |  |  |                        |  |
| Printed/Typed Name   |  |                              |  |   |  | Signature                                 |  |   | Month Day Year                      |  |  |                        |  |

Do Not Write Below This Line

Please print or type. (Form designed for use on elite 12-pitch typewriter).

**UNIFORM HAZARDOUS WASTE MANIFEST**

|  |  |                                       |  |   |  |   |                 |
|--|--|---------------------------------------|--|---|--|---|-----------------|
| 1. Generator's US EPA ID No.<br>CA101011713113   |  | Manifest Document No.<br>81741612     |  | 2. Page 1 of                                  |  | Information in the shaded areas is not required by Federal law. |                 |
| 3. Generator's Name and Mailing Address<br>LEO PAGANO<br>1104 FOUNTAIN ST ALAMEDA CA. 94501  |  |                                       |  | A. State Manifest Document Number<br>88387462 |  |   |                 |
| 4. Generator's Phone (415) 363-2181  |  |                                       |  | B. State Generator's ID                       |  |   |                 |
| 5. Transporter 1 Company Name<br>ALLIED OIL & SHIPPING   |  | 6. US EPA ID Number<br>CA170940014277 |  | C. State Transporter's ID                     |  | D. Transporter's Phone (408) 432-0333                           |                 |
| 7. Transporter 2 Company Name  |  | 8. US EPA ID Number                   |  | E. State Transporter's ID                     |  | F. Transporter's Phone  |                 |
| 9. Designated Facility Name and Site Address<br>REFINERIES SERVICES<br>13331 NORTH HWY. 33<br>PATERSON, CA. 95363  |  |                                       |  | 10. US EPA ID Number<br>CA1010131165728       |  | G. State Facility's ID<br>CA0083169728                          |                 |
|  |  |                                       |  | H. Facility's Phone<br>(800) 874-4444         |  |   |                 |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)   |  |                                       |  | 12. Containers                                |  | 13. Total Quantity  | 14. Unit Wt/Vol |
| a. WASTE OIL N.O.S COMBUSTIBLE LIQUID<br>NA 1270   |  |                                       |  | No. Type                                      |  |   | I. Waste No.    |
|  |  |                                       |  |   |  |   | State 221       |
|  |  |                                       |  |   |  |   | EPA/Other       |
| b.   |  |                                       |  |   |  |   | State           |
|  |  |                                       |  |   |  |   | EPA/Other       |
| c.   |  |                                       |  |   |  |   | State           |
|  |  |                                       |  |   |  |   | EPA/Other       |
| d.   |  |                                       |  |   |  |   | State           |
|  |  |                                       |  |   |  |   | EPA/Other       |
| J. Additional Descriptions for Materials Listed Above<br>1.1 USED OIL<br>1.2 WATER   |  |                                       |  | K. Handling Codes for Wastes Listed Above     |  |   |                 |
|  |  |                                       |  | a. 01   |  | b.  |                 |
|  |  |                                       |  | c.  |  | d.  |                 |
| 15. Special Handling Instructions and Additional Information<br>JOB SITE 1127 <del>FOUNTAIN ST,</del><br>LINCOLN<br>ALAMEDA CA.  |  |                                       |  |   |  |   |                 |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.<br>If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. |  |                                       |  |   |  |   |                 |
| Printed/Typed Name   |  |                                       |  | Signature                                     |  | Month Day Year  |                 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials  |  |                                       |  | Signature                                     |  | Month Day Year  |                 |
| Printed/Typed Name<br>RICH JOHNS   |  |                                       |  | Signature<br>P. Johns                         |  | Month Day Year<br>10/02/89                                      |                 |
| 18. Transporter 2 Acknowledgement of Receipt of Materials  |  |                                       |  | Signature                                     |  | Month Day Year  |                 |
| Printed/Typed Name   |  |                                       |  | Signature                                     |  | Month Day Year  |                 |
| 19. Discrepancy Indication Space   |  |                                       |  |   |  |   |                 |
| 20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19   |  |                                       |  |   |  |   |                 |
| Printed/Typed Name   |  |                                       |  | Signature                                     |  | Month Day Year  |                 |

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7650

GENERATOR

TRANSPORTER

FACILITY

Do Not Write Below This Line

YELLOW GENERATOR RETAINS

|  |  |                              |  |   |  |  |  |   |       |                  |  |                        |  |
|--|--|------------------------------|--|---|--|--|--|---|-------|------------------|--|------------------------|--|
| <b>UNIFORM HAZARDOUS WASTE MANIFEST</b>  |  | 1. Generator's US EPA ID No. |  | Manifest Document No.                   |  | 2. Page 1 of _____                                   |  | Information in the shaded areas is not required by Federal law. |       |                  |  |                        |  |
| 3. Generator's Name and Mailing Address<br>LEO PAGANO<br>1104 Fountain Street<br>Alameda, CA 94501   |  |                              |  |   |  | A. State Manifest Document Number<br><b>89495209</b> |  |   |       |                  |  |                        |  |
| 4. Generator's Phone (415) 522-1873  |  |                              |  |   |  | B. State Generator's ID                              |  |   |       |                  |  |                        |  |
| 5. Transporter 1 Company Name<br>H & H Ship Service Company  |  |                              |  | 8. US EPA ID Number                     |  | C. State Transporter's ID<br>003748                  |  |   |       |                  |  |                        |  |
| 7. Transporter 2 Company Name  |  |                              |  | 8. US EPA ID Number                     |  | D. Transporter's Phone (415) 543-4835                |  |   |       |                  |  |                        |  |
| 9. Designated Facility Name and Site Address<br>H & H Ship Service Company<br>220 China Basin Street<br>San Francisco, CA 94107  |  |                              |  |   |  | G. State Facility's ID                               |  |   |       |                  |  |                        |  |
| 10. US EPA ID Number   |  |                              |  |   |  | H. Facility's Phone (415) 543-4835                   |  |   |       |                  |  |                        |  |
| 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)   |  |                              |  |   |  | 12. Containers                                       |  | 13. Total Quantity  |       | 14. Unit Wt./Vol |  | 15. Waste No.          |  |
| a. RESIDUE GASOLINE TANKS (CALIFORNIA ONLY REGULATED WASTE)  |  |                              |  |   |  | 0102 TIP   |  | 0101010   |       | P                |  | State 512<br>EPA/Other |  |
| b. RESIDUE GASOLINE TANKS (CALIFORNIA ONLY REGULATED WASTE)  |  |                              |  |   |  | 0102 TIP   |  | 01101010  |       | P                |  | State<br>EPA/Other     |  |
| c. RESIDUE DIESEL OIL TANK (CALIFORNIA ONLY REGULATED WASTE)   |  |                              |  |   |  | 0101 TIP   |  | 01012510  |       | P                |  | State 512<br>EPA/Other |  |
| d.   |  |                              |  |   |  |  |  |   |       |                  |  | State<br>EPA/Other     |  |
| J. Additional Descriptions for Materials Listed Above<br>PUMPED OUT 4,000 gallon tanks, 1,000 gallon tanks and 250 gallon tank last containing gasoline and waste oil. Tanks inerted with dry ice for transport.   |  |                              |  |   |  | K. Handling Codes for Wastes Listed Above            |  |   |       |                  |  |                        |  |
|  |  |                              |  |   |  | a. 01  |  |   | b. 01 |                  |  |                        |  |
|  |  |                              |  |   |  | c. 01  |  |   | d.    |                  |  |                        |  |
| 15. Special Handling Instructions and Additional Information<br><br>APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR.  |  |                              |  |   |  |  |  |   |       |                  |  |                        |  |
| 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.<br><br>If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. |  |                              |  |   |  |  |  |   |       |                  |  |                        |  |
| Printed/Typed Name<br>Scott Zaccaro  |  |                              |  | Signature<br><i>Scott Zaccaro</i>       |  |  |  | Month Day Year<br>10/21/89                                      |       |                  |  |                        |  |
| 17. Transporter 1 Acknowledgement of Receipt of Materials  |  |                              |  |   |  |  |  |   |       |                  |  |                        |  |
| Printed/Typed Name<br>ESTEBAN W. PENALVER  |  |                              |  | Signature<br><i>Esteban W. Penalver</i> |  |  |  | Month Day Year<br>10/21/89                                      |       |                  |  |                        |  |
| 18. Transporter 2 Acknowledgement of Receipt of Materials  |  |                              |  |   |  |  |  |   |       |                  |  |                        |  |
| Printed/Typed Name   |  |                              |  | Signature                               |  |  |  | Month Day Year  |       |                  |  |                        |  |
| 19. Discrepancy Indication Space   |  |                              |  |   |  |  |  |   |       |                  |  |                        |  |
| 20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19   |  |                              |  |   |  |  |  |   |       |                  |  |                        |  |
| Printed/Typed Name   |  |                              |  | Signature                               |  |  |  | Month Day Year  |       |                  |  |                        |  |

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7650

GENERATOR

TRANSPORTER

FACILITY

**Leaking Underground Fuel Storage Program**

Most sensitive current use: mixed commercial/residential

Are drinking water wells affected? No                      Aquifer name:

Is surface water affected? No      Nearest affected SW name:

Off-site beneficial use impacts (addresses/locations): NA

Report(s) on file? Yes                      Where are report(s) filed?  
 Alameda County EHS  
 1131 Harbor Parkway, 2<sup>nd</sup> Floor  
 Alameda CA 94502

**Treatment and Disposal of Affected Material:**

| <u>Material</u>            | <u>Amount<br/>(include units)</u> | <u>Action (Treatment<br/>of Disposal w/destination)</u>                                     | <u>Date</u>        |
|----------------------------|-----------------------------------|---|--------------------|
| Soil                       | 20 cubic yards<br>172 cu yd       | Disposed @McKittrick Draw, CA<br>Disposed @Zanker Rd. Disposal<br>& Recycling, San Jose, CA | 11/16/89<br>2-5/90 |
| USTs                       | 2-4K, 2-1k & 1-550                | Disposed @ H&H Ship, SF   | 9/11/89            |
| Liquid waste Tank contents | unk                               | Disposed @ Refinery Service,<br>Patterson   | 9/8/89             |

Soil vapor and dissolved TPH removed by SVE/GWE system operated 9/93-9/96

*1.7 million gallons GW treated and disposed to sanitary sewer*

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

| <u>Contaminant</u>    | <u>Soil (ppm)</u> |                | <u>Water (ppb)</u> |                |
|-----------------------|-------------------|----------------|--------------------|----------------|
|                       | <u>1 Before</u>   | <u>After 2</u> | <u>3 Before</u>    | <u>After 4</u> |
| TPPH                  | 6200              |                | 24,000             | 1870           |
| Benzene               | 240               |                | 9400               | 12.7           |
| Toluene               | 740               |                | 2200               | 2.4            |
| Ethylbenzene          | 180               |                | 900                | 237            |
| Xylenes               | 1000              |                | 2400               | 210            |
| MTBE                  |                   |                |                    | ND             |
| TOG                   |                   | ND             |                    |                |
| TPH-d                 |                   | ND             |                    |                |
| Metals Cd, Cr, Pb, Zn |                   | ND, 11, 5, 22  |                    |                |
| VOCs- acetone (?)     | 0.61              |                |                    |                |
| BNAs (semi-volatiles) |                   | ND             |                    |                |

**Comments (Depth of Remediation, etc.):**

- 1 soil samples from original tank removal
- 2 none taken
- 3 historically highest MW result (1992-93)
- 4 most recent 8/8/00 monitoring event

**ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIALS DIVISION**

**ACCEPTED**  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
470 - 27th Street, Third Floor  
Oakland, CA 94612  
Telephone: (415) 874-7237

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to your plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction.

One copy of these accepted plans must be on the job site available to all contractors and craftsmen involved in the removal.  
Any change or alterations of these plans and specifications must be submitted to this Department and to the Building Inspection Department to determine if such changes meet the requirements of State and local laws. Notify this Department at least 48 hours prior to the following required inspections:

- \_\_\_\_\_ Removal of Tank and Piping
  - \_\_\_\_\_ Sampling
  - \_\_\_\_\_ Final Inspection
- Issuance of a permit to operate is dependent compliance with accepted plans and all applicable regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

Project # 542394  
Fee \$ 996.  
Date 6/23/89  
A. LEVI  
6/27/89

**UNDERGROUND TANK CLOSURE/MODIFICATION PLANS**

1. Business Name Lewis Bay St. Service  
Business Owner Eugene Lewis
2. Site Address 1127 Lincoln Avenue  
City Alameda Zip 94501 Phone 522-2866
3. Mailing Address same  
City \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_
4. Land Owner Leo Pagano  
Address 1104 Fountain Street City, State Alameda, CA Zip 94501
5. EPA I.D. No. CAC 000173213
6. Contractor Zaccor Corporation  
Address 791 Hamilton Avenue  
City Menlo Park, CA 94025 Phone 363-2181  
License Type class A ID# 478799
7. Consultant \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ Phone \_\_\_\_\_

8. Contact Person for Investigation

Name Gary Zaccor Title President  
Phone 363-2181

9. Total No. of Tanks at facility 5

10. Have permit applications for all tanks been submitted to this office?  
Yes [XX] No [ ]

11. State Registered Hazardous Waste Transporters/Facilities

a) Product/Waste Tranporter

Name Allied Oil & Pumping EPA I.D. No. CAT 080014277  
Address P.O. Box 399  
City Alviso State CA Zip 95002

b) Rinsate Transporter

Name Allied Oil & Pumping EPA I.D. No. CAT 080014277  
Address P.O. Box 399  
City Alviso State CA Zip 95002

c) Tank Transporter

Name H & H Ship Service EPA I.D. No. CAD 004771168  
Address 220 China Basin  
City San Francisco State CA Zip 94107

d) Tank Disposal Site

Name H & H Ship Service EPA I.D. No. CAD 004771168  
Address 220 China Basin  
City San Francisco State CA Zip 94107

e) Contaminated Soil Transporter

Name N/A EPA I.D. No. \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

12. Sample Collector

Name Environmental Bio-Systems

Company \_\_\_\_\_

Address 30028 Industrial Parkway, Southwest

City Hayward State CA Zip 94544-6904 Phone 429-9988

13. Sampling Information for each tank or area

| Tank or Area |                                  | Material sampled | Location & Depth       |
|--------------|----------------------------------|------------------|------------------------|
| Capacity     | Historic Contents (past 5 years) |                  |                        |
| 4,000        | gasoline                         | soil             | under each end of tank |
| 4,000        | gasoline                         | soil             | under each end of tank |
| 1,000        | gasoline                         | soil             | under each end of tank |
| 1,000        | gasoline                         | soil             | under each end of tank |
| 250          | waste oil                        | soil             | under fill end of tank |

*\$ 1/20' PIPE RUN  
COMPOSITE STACK PIPE*

14. Have tanks or pipes leaked in the past? Yes [ ] No [ ] unknown

If yes, describe. \_\_\_\_\_

15. NFPA methods used for rendering tank inert? Yes [x] No [ ]

If yes, describe. triple rinse, hydroblast and dry ice at

6.5 lbs per 100 gallons

An explosion proof combustible gas meter shall be used to verify tank inertness.

16. Laboratories

Name Mobil Chem Labs

Address 1678 Reliez Valley Road

City Lafayette State CA Zip 94549

State Certification No. 195



17. Chemical Methods to be used for Analyzing Samples

| Contaminant Sought                          | EPA, DHS, or Other Sample Preparation Method Number | EPA, DHS, or Other Analysis Number                                  |
|---|---|---|
| gasoline<br>waste oil                       | 8015 & 8020<br>503E                                 |   |
| <del>gasoline</del><br><del>waste oil</del> | soil<br>5030<br>OR<br>PEB EXTRACTION                | soil<br>8015<br>8020<br>DHS OR DHS LEAD.                            |
| GAS<br>POSS. LEAD.                          | WATER<br>5030                                       | WATER<br>8015<br>602 or 624   |
| WASTE oil                                   |   | 503 A&E<br>8240 on 8020<br>8010<br>624<br>CALIFORNIA (SOME)<br>5030 |

18. Submit Site Safety Plan

19. Workman's Compensation: Yes [x] No [ ]

Copy of Certificate enclosed? Yes [xx] No [ ]

Name of Insurer State Fund

20. Plot Plan submitted? Yes [X] No [ ]

21. Deposit enclosed? Yes [X] No [ ]

22. Please forward to this office the following information within 60 days after receipt of sample results.

- a) Chain of Custody Sheets
- b) Original Signed Laboratory Reports
- c) TSD to Generator copies of wastes shipped and received
- d) Attachment A summarizing laboratory results

## SITE SAFETY PLAN

1. Site to be barricaded prior to excavation and warning signs and/or tape labeled NO SMOKING UNDERGROUND TANK TEST and CAUTION OPEN TRENCH put around areas of excavation.
2. All personnel from Zaccor Corporation will have hard hats, rubber gloves, eye protection and disposable coveralls (if needed)
3. All personnel will have cartridge type respirators.
4. Gastech 1314 Vapor Meter supplied by Zaccor Corporation will be present. A second Gastech will be supplied by Environmental Bio-Systems during sampling.
5. Air Quality Control Board will be notified prior to excavation.
6. Underground Service Alert will be contacted prior to excavation for underground utilities.
7. Zaccor Corporation will supply an industrial hygienist only in the event of large scale remediation requirements.

**STATE  
COMPENSATION  
INSURANCE  
FUND**

P.O. BOX 807, SAN FRANCISCO, CA 94101-0807

**CERTIFICATE OF WORKERS' COMPENSATION INSURANCE**

MARCH 17, 1989

POLICY NUMBER: 0301858 - 53  
CERTIFICATE EXPIRES: 3-15-90

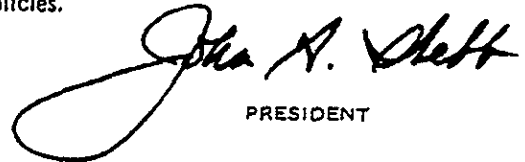
CITY OF ALAMEDA  
CITY HALL RM 306-BLDG DEPT  
5AK & SANTA CLARA AVE  
ALAMEDA  
CA 94501

This is to certify that we have issued a valid Workers' Compensation insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

This policy is not subject to cancellation by the Fund except upon <sup>30</sup>~~TEN~~ days' advance written notice to the employer.

We will also give you <sup>30</sup>~~TEN~~ days' advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term, or condition of any contract or other document with respect to which this certificate of insurance may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.

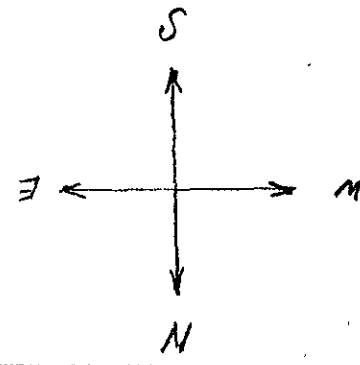
  
PRESIDENT

ENDORSEMENT #2055 ENTITLED CERTIFICATE HOLDERS' NOTICE EFFECTIVE  
03/15/89 IS ATTACHED TO AND FORMS A PART OF THIS POLICY.

EMPLOYER

ZACOR COMPANIES, INC  
1784 CHANNING AVE  
PALO ALTO  
CA 94303

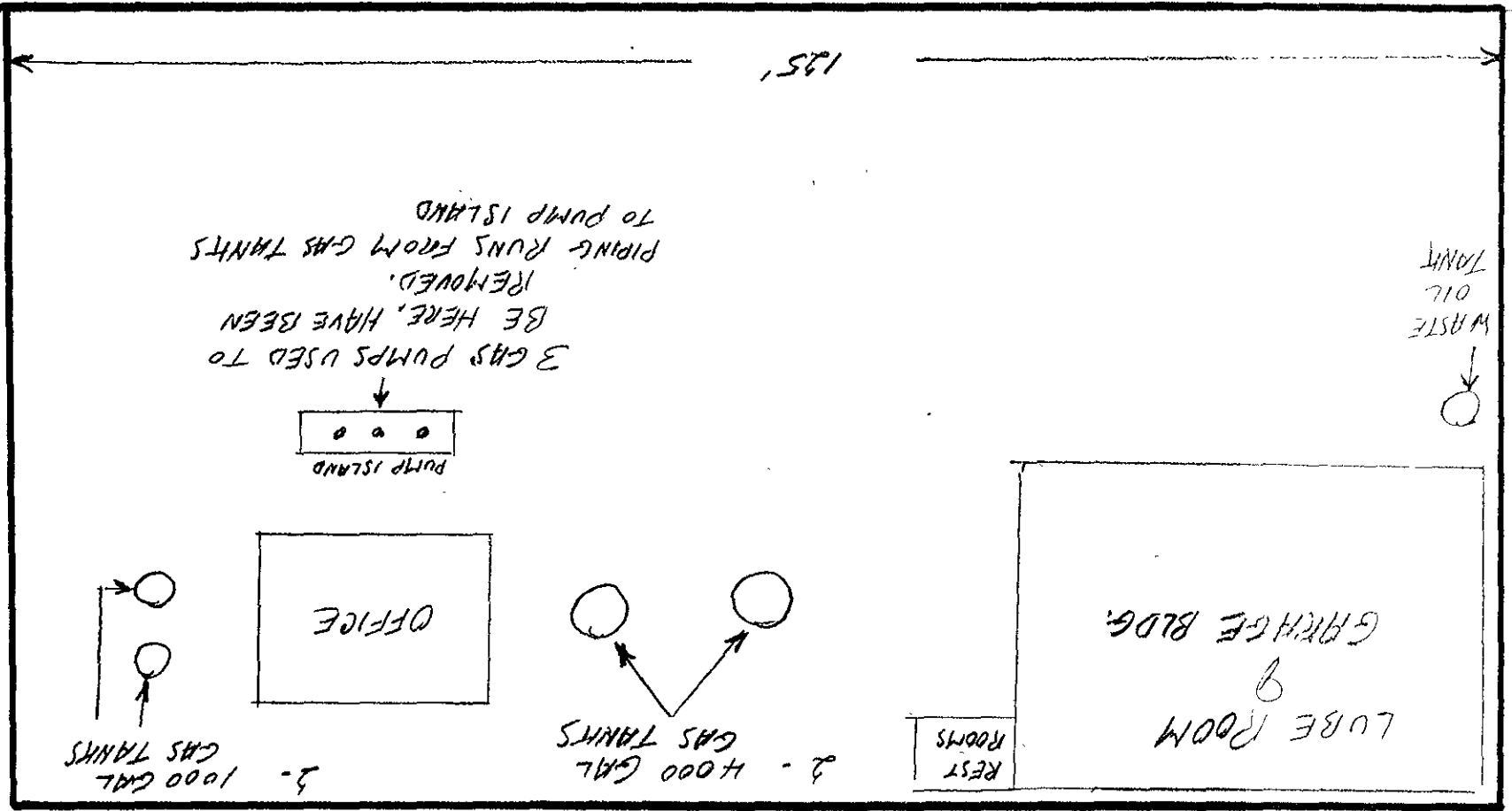
ROUGH PLOT PLAN OF  
 PROPERTY LOCATED AT  
 1127 LINCOLN AVE  
 ALHAMBRA, CA 94501



LINCOLN AVE

SIDE WALK

SIDE WALK  
 BAY ST



50'

135'

GARAGE NEEDS RENEWAL

YARD

HOUSE

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true. I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

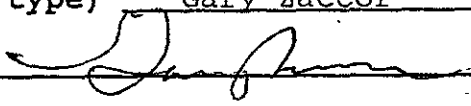
I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel and safety.

I will notify the Department of Environmental Health at least two (2) working days (48 hours) after approval of this closure plan in advance to schedule any required inspections. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Signature of Contractor

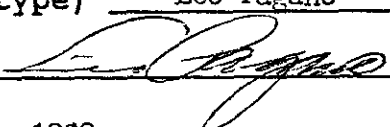
Name (please type) Gary Zaccor

Signature 

Date June 2, 1989

Signature of Site Owner or Operator

Name (please type) Leo Pagano

Signature 

Date June 10, 1989

NOTES:

1. Any changes in this document must be approved by this Department.
2. Any leaks discovered must be submitted to this office on an underground storage tank unauthorized leak/contamination site report form within 5 days of its discovery.
3. Three (3) copies of this plan must be submitted to this Department. One copy must be at the construction site at all times.
4. After approval of plan, notification of at least two (2) working days (48 hours) must be given to this Department prior to removal of tank(s).
5. A copy of your approved plan must be sent to the landowner.
6. Triple rinse means that:
  - a) Final rinse must contain less than 100 ppm of Gasoline (EPA method 8020 for soil, or EPA method 602 for water) or Diesel (EPA method 418.1). Other methods for halogenated volatile organics (EPA method 8010 for soil, EPA method 601 for water) may be required. The composition of the final rinse must be demonstrated by an original or facsimile report from a laboratory certified for the above analyses.
  - b) Tank interior is shown to be free from deposits or residues upon a visual examination of tank interior.
  - c) Tank should be labelled as "tripled rinsed; laboratory certified analysis available upon request" with the name and address of the contractor.

If all the above requirements cannot be met, the tank must be transported as a hazardous waste.

7. Any cutting into tanks requires local fire department approval.

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

ATTACHMENT A  
SAMPLING RESULTS

| Tank or Area | Contaminant | Location & Depth | Results (specify units) |
|--------------|-------------|------------------|-------------------------|
|              |             |                  |                         |