

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



08-08-01

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: B. Chan, files

Mr. R. Lee Dooley, 6284 San Ignacio Avenue, Suite E, San José, CA 95119

Ms. Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, CA 91510-7869

Wic1127LincolnAve

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



01-26-01

2086

ENVIRONMENTAL HEALTH SERVICES
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,

A handwritten signature in black ink that reads "Barney M. Chan". The signature is written in a cursive, flowing style.

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

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



11-9-00

P086

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

AGENCY
DAVID J. KEARS, Agency Director



SENT 9-22-2000

P086

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



SENT 7/25/00

2086

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

AGENCY
DAVID J. KEARS, Agency Director



SENT 5-17-2000
/

P086

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

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



*Sent 1/26/00
Including cc's*

2086

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 Seo
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

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

PO 86

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:

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

R086

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)

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



RO#86

January 8, 1999

ENVIRONMENTAL HEALTH SERVICES

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

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

St. 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

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

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Ro# 86

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

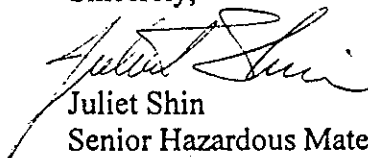
Re: 1127 Lincoln Avenue, Alameda, California

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,



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

2086

Alameda County CC4580
Environmental Health Services
1131 Harbor Bay Pkwy., #250
Alameda CA 94502-6577
(510) 567-6700 FAX (510) 337-9335

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,

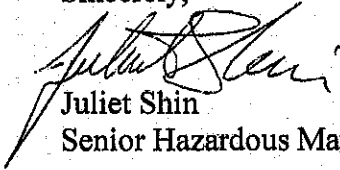
Per Texaco's request in KEI's September 6, 1996 submittal, Texaco may currently cease operation of the dual vapor and groundwater extraction system at the above site, based on the significant declining trends in the vapor concentrations extracted from the remediation system. However, it is still uncertain 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

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

R086

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

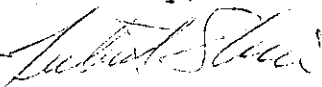
Ms. Karen Petryna
Re: 1127 Lincoln Ave.
April 21, 1995
Page 2 of 2

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

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R086

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,

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

Juliet Shin
Hazardous Materials Specialist

cc: Edgar Howell

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R086

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.

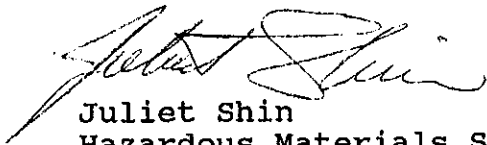
Another issue of concern, which the work plan did not address, was the potential for the ground water contaminant plume to migrate along the utility lines running along Bay Street.

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



R086

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

April 20, 1993

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

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

STID 3566

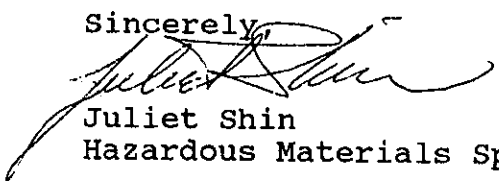
Re: Approval of work plan for Former Texaco Service Station,
located at 1127 Lincoln Avenue, Alameda, California

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)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R086

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

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.

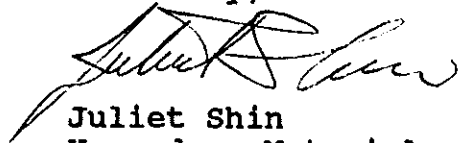
Part of the required investigations should determine the slope of the sanitary sewer lines and address ground water sampling along the sewer lines. Although RESNA has proposed a number of borings to the north of the site, along Bay Street, at least one additional boring is required to the east of the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

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R086

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,

Juliet Shin
Hazardous Materials Specialist

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

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R086

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

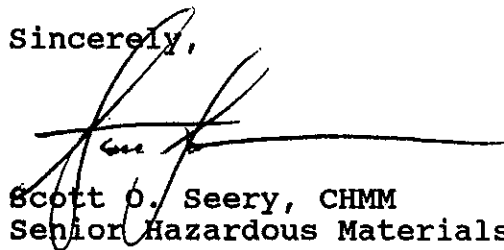
Dear Mr. Robles,

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)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R086

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.