

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SENT
03-15-04

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

March 15, 2004

Gene Ortega, Territory Manager Global Remediation – US Retail
ExxonMobil
Refining & Supply Co.
Global Remediation
2300 Clayton Rd., Suite 1250
Concord, CA 94520

Dear Mr. Ortega:

Subject: Fuel Leak Case No. RO0000358, Exxon #7-0235,
2225 Telegraph Ave., Oakland, CA

Alameda County Environmental Health staff reviewed "Response to Agency Comments and Addendum to Preferential Pathway Study and Work Plan" dated December 8, 2003, and Quarterly Groundwater Monitoring Report, 4th Quarter 2003" dated January 20, 2004, both prepared by Environmental Resolutions, Inc. We request that you address the following technical comments and send us the technical reports requested below.

TECHNICAL COMMENTS

- 1) Proposed Locations Off-site Soil Borings (B5 through B7): The proposed locations for B5 and B6 are acceptable. The proposed location of B7 appears to be where GP2 was collected when 100 ug/l Total Purgeable Petroleum Hydrocarbons as gasoline (TPPHg) was detected at 12 feet. Therefore, a different location ought to be selected. We request that depth discrete grab groundwater sampling be used. Please propose additional grab groundwater sampling locations to determine optimal well locations. Include your proposal in the Work Plan Addendum requested below.
- 2) Depth of Borings - The proposed borings depths are to just below first-encountered groundwater. The collection of groundwater samples at that depth may miss petroleum product entrapped below the water table. Please propose drilling borings to depths below the water table, which will account for entrapped petroleum product. Include in the Work Plan Addendum.
- 3) Soil Samples from Borings - Instead of collecting soil boring samples at 5 ft. intervals as proposed, soil samples shall be collected at a minimum of every 5 ft., including at changes of lithology, at the soil/groundwater interface, and at areas of obvious contamination. Please include in the Work Plan Addendum.

- 4) Preferential Pathway Study – Geologic cross sections including underground utilities were provided. Based on the depths of the underground utilities versus the historic highest and lowest groundwater levels, it was determined that groundwater does not intersect the utility trenches. Were the width of the utility lines and trench backfill taken into consideration?
- 5) DPE Interim Remediation - Please state why you want to evaluate other remedial alternatives after conducting a Dual-Phase Extraction (DPE) Pilot Test, which determined that DPE was effective at this site.
- 6) Historical Hydraulic Gradients – Please remember to include a rose diagram with magnitude and direction; include cumulative groundwater gradients in all future reports submitted for this site.

TECHNICAL REPORT REQUEST

Please submit the following technical reports to the Alameda County Environmental Health (Attention: Don Hwang), according to the following schedule:

April 30, 2004 - Work Plan Addendum

April 30, 2004 - Quarterly Groundwater Monitoring Report, 1st Quarter 2004

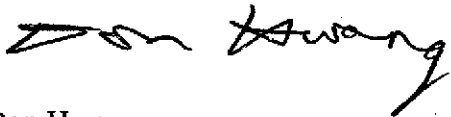
July 31, 2004 - Quarterly Groundwater Monitoring Report, 2nd Quarter 2004

October 31, 2004 - Quarterly Groundwater Monitoring Report, 3rd Quarter 2004

January 31, 2005 - Quarterly Groundwater Monitoring Report, 4th Quarter 2004

If you have any questions, you may call me at 510/567-6746.

Sincerely,



Don Hwang
Hazardous Materials Specialist
Local Oversight Program

c: Robert Saur, Environmental Resolutions, Inc., 73 Digital Dr., Suite 100, Novato, CA
94949-5791
Donna Drogos
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



10-13-03

October 10, 2003

Gene Ortega, Territory Manager Global Remediation – US Retail
ExxonMobil
Refining & Supply Co.
Global Remediation
2300 Clayton Rd., Suite 1250
Concord, CA 94520

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

Dear Mr. Ortega:

Subject: Fuel Leak Case No. RO0000358, Exxon #7-0235,
2225 Telegraph Ave., Oakland, CA

Alameda County Environmental Health staff reviewed "Response to Agency Comments and Request for Information, ...", dated May 22, 2003, and "Response to Agency Comments, ..." dated October 29, 2002, both prepared by Environmental Resolutions, Inc. The work plan is disapproved for the reasons stated. We request that you address the following technical comments and send us the technical reports requested below.

TECHNICAL COMMENTS

- 1) Preferential Pathway Study – We received a map showing the locations of utilities on Telegraph Ave. between West Grand Ave. and 22nd St. However, the depths of gas, electric, water, and storm drain trenches were not provided. The depth of the sewer trench was provided and it was indicated that at its depth groundwater could be intercepted. For the other utilities, the estimated depths may be used to determine if be could be intercepted. Please submit map(s) and cross-sections showing the location and depth of all utility lines and trenches (including sewers, storm drains, pipelines, trench backfill, etc.) within and near the site and plume area(s). Evaluate the probability of the contaminant plumes encountering preferential pathways and conduits that could spread the contamination, particularly in the vertical direction to deeper water aquifers. Please incorporate into the Work Plan requested below. If so, propose a sampling plan for the trenches. Include in the Work Plan Addendum requested below.
- 2) Proposed Groundwater Monitoring Well - The preferential pathway study needs to be done prior to locating the well. Groundwater samples have been collected by the proposed well MW6K. The concentrations were at or below laboratory method reporting limits. Grab groundwater samples were collected from locations GP1 and GP2, on March 29, 2000. Concentrations of dissolved hydrocarbons in both grab groundwater sampling points were below laboratory method reporting limits except 100 ug/l Total Purgeable Petroleum Hydrocarbons as Gasoline (TPPH-G). Monitoring well MW6J has been sampled quarterly since July 5, 2001. MW6J concentrations exceeded laboratory

method reporting limits only on April 2, 2002, 1 ug/l Methyl Tertiary-Butyl Ether (MTBE), 0.8 ug/l benzene, and 0.8 ug/l xylene. The nearly nondetectable concentrations makes the proposed well location undesirable because it may indicate that the location is beyond the limits of the plume or that the plume flow is in a different direction. Please propose additional grab groundwater sampling to determine the location of the plume for optimal well locations. We request that depth discrete grab groundwater sampling be used. Include your proposal in the Work Plan Addendum requested below.

- 3) DPE Interim Remediation - "Dual-Phase Extraction (DPE) Pilot Test" dated October 19, 2001 determined that DPE was effective at this site. We have not received your recommendations and specifications for DPE on a full scale as previously requested. Instead, you propose a Corrective Action Plan (CAP), which will evaluate remedial alternatives, including DPE, at this site. Please indicate the elements and the other remedial alternatives that you plan to include in your evaluation. Include in the Work Plan Addendum requested below.
- 4) Groundwater Monitoring - Your consultant indicated that sampling of the requested fuel oxygenates and lead scavengers would be initiated during the first quarter 2003. We seem to have misplaced that report. Please submit another copy.
- 5) Professional seal - Both reports reviewed were unstamped. All technical reports must contain a statement of professional certification with the appropriate professional signatures and seals.

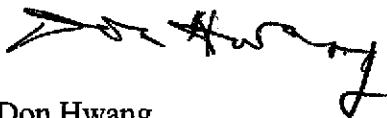
TECHNICAL REPORT REQUEST

Please submit the following technical reports to the Alameda County Environmental Health (Attention: Don Hwang), according to the following schedule:

October 31, 2003 - Quarterly Groundwater Monitoring Report, 1st Quarter 2003
October 31, 2003 - Quarterly Groundwater Monitoring Report, 2nd Quarter 2003
October 31, 2003 - Quarterly Groundwater Monitoring Report, 3rd Quarter 2003
December 10, 2003 - Work Plan Addendum
January 31, 2004 - Quarterly Groundwater Monitoring Report, 4th Quarter 2003

If you have any questions, you may call me at 510/567-6746.

Sincerely,



Don Hwang
Hazardous Materials Specialist
Local Oversight Program

c: Paula Sime, Environmental Resolutions, Inc., 73 Digital Dr., Novato, CA 94949-5791
Donna Drogos
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



03-26-03

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

March 25, 2003

Gene Ortega, Territory Manager Global Remediation – US Retail
ExxonMobil
Refining & Supply Co.
Global Remediation
2300 Clayton Rd., Suite 1250
Concord, CA 94520

Dear Mr. Ortega:

Subject: Fuel Leak Case No. RO0000358, Exxon #7-0235,
2225 Telegraph Ave., Oakland, CA

Alameda County Environmental Health staff reviewed "Quarterly Groundwater Monitoring Report, 3rd Quarter 2002" dated October 8, 2002, "Preferential Pathway Study and Work Plan" dated November 25, 2002, and "Quarterly Groundwater Monitoring Report, 4th Quarter 2002" dated December 12, 2002, all prepared by Environmental Resolutions, Inc. Monitoring wells MW6B, MW6E, MW6F, MW6G, MW6J, RW2, and RW3A, historically and again had contaminant concentrations which were low or less than detection limits. MW6H's contaminant concentrations have decreased quarterly over the past year. RW1's contaminant concentrations were within historical ranges. The work plan is disapproved for the reasons stated. We request that you address the following technical comments and send us the technical reports requested below.

TECHNICAL COMMENTS

- 1) Preferential Pathway Study – We received a map showing the locations of utilities on Telegraph Ave. between West Grand Ave. and 22nd St. However, the depths of gas, electric, water, and storm drain trenches were not provided. The depth of the sewer trench was provided and it was indicated that at its depth groundwater could be intercepted. Determine if any of the other utilities are of sufficient depth to intercept the contaminant plume. If so, propose a sampling plan for the trenches. Include in the Work Plan Addendum requested below.
- 2) Proposed Groundwater Monitoring Well - The proposal for the groundwater monitoring well is disapproved because the preferential pathway study hasn't determined if the contaminant plume would be intercepted by utilities and we feel that it would be premature to install more monitoring wells without additional grab groundwater sampling to determine the location of the plume for optimal well locations. We request that depth discrete grab groundwater sampling be used. Include your proposal in the Work Plan Addendum requested below.

- 3) DPE Interim Remediation - "Dual-Phase Extraction (DPE) Pilot Test" dated October 19, 2001 determined that DPE was effective at this site. We have not received your recommendations and specifications for DPE on a full scale as previously requested. Submit.
- 4) Groundwater Monitoring - The following analyses have not been included as previously requested: Tertiary Amyl Methyl Ether (TAME), Ethyl Tertiary Butyl Ether (ETBE), Di-Isopropyl Ether (DIPE), Tertiary Butyl Alcohol (TBA), Ethanol, Ethylene Dibromide (EDB), Ethylene Dichloride (EDC). Include in your next round of quarterly groundwater monitoring. In your discussion of the results, provide recommendation as to whether these analyses should be continued.
- 5) Soil Sample Analyses for MW6A, MW6B, MW6C, MW6D (drilled June & July 1988) - Missing. Previously requested, have not been submitted. Submit.

REQUEST FOR INFORMATION

You were also requested to submit a "list of landowners". We still have not received the "list of landowners" from you. You must inform all current record owners of fee title to the site of proposed actions and certify to us that they have been informed. Submit.

TECHNICAL REPORT REQUEST

Please submit the following technical reports to the Alameda County Environmental Health (Attention: Don Hwang), according to the following schedule:

April 30, 2003 - List of Landowners

April 30, 2003 - Soil Sample Report for MW6A, MW6B, MW6C, MW6D

April 30, 2003 - Quarterly Groundwater Monitoring Report, 1st Quarter 2003

May 25, 2003 - Work Plan Addendum

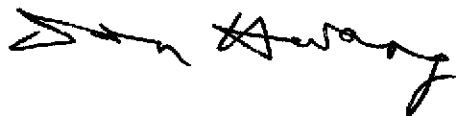
July 31, 2003 - Quarterly Groundwater Monitoring Report, 2nd Quarter 2003

October 31, 2003 - Quarterly Groundwater Monitoring Report, 3rd Quarter 2003

January 31, 2004 - Quarterly Groundwater Monitoring Report, 4th Quarter 2003

If you have any questions, you may call me at 510/567-6746.

Sincerely,



Don Hwang
Hazardous Materials Specialist
Local Oversight Program

c: Paula Sime, Environmental Resolutions, Inc., 73 Digital Dr., Novato, CA 94949-5791
Donna Drogos
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



9-12-02

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

September 11, 2002

Gene Ortega, Territory Manager Global Remediation – US Retail
ExxonMobil
Refining & Supply Co.
Global Remediation
2300 Clayton Rd., Suite 1250
Concord, CA 94520

Dear Mr. Ortega:

Subject: Fuel Leak Case No. RO0000358, Exxon #7-0235,
2225 Telegraph Ave., Oakland, CA

Alameda County Environmental Health staff reviewed "Well Installation Report ..." dated September 7, 2001; "Dual-Phase Extraction Pilot Test" dated October 19, 2001, and quarterly groundwater monitoring reports including "...2nd Quarter 2002", all prepared by Environmental Resolutions, Inc.

TECHNICAL COMMENTS

- 1) Conduit Study – The groundwater monitoring wells downgradient and closer to the former tank location and dispensers, MW6H, RW1, and RW2, found concentrations as high as 47,100 ug/l TPHG, 7,880 ug/l benzene and 7,760 ug/l MTBE, since 2001. Further downgradient groundwater monitoring wells, MW6I and MW6J, have almost always been NonDetectable (ND) for all contaminants of concern. A conduit study is needed to determine if preferential pathways exist.
- 2) Site Characterization - The groundwater plume appears to be migrating off the eastside of the property. Submit a proposal for additional groundwater sampling to delineate the plume.

- 3) DPE Interim Remediation - "Dual-Phase Extraction (DPE) Pilot Test" dated October 19, 2001 determined that DPE was effective at this site. Submit your recommendation and specifications for DPE on a full scale.
- 4) Groundwater Monitoring - Include fuel oxygenates, Tertiary Amyl Methyl Ether (TAME), Ethyl Tertiary Butyl Ether (ETBE), Di-Isopropyl Ether (DIPE), Tertiary Butyl Alcohol (TBA), and Ethanol. Also, include lead scavengers, Ethylene Dibromide (EDB), Ethylene Dichloride (EDC). In your discussion of the results, provide recommendation as to whether these analyses should be continued.
- 5) Soil Sample Analyses for MW6A, MW6B, MW6C, MW6D (drilled June & July 1988) - Missing. Submit.

REQUEST FOR INFORMATION

You were previously requested to submit a "list of landowners" in a letter dated May 4, 1999. No response was found in our files. Enclosed is a copy of our letter. You must inform all current record owners of fee title to the site of proposed actions and certify to us that they have been informed. Please submit a "list of landowners".

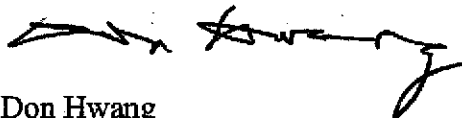
TECHNICAL REPORT REQUEST

Please submit the following technical reports to the Alameda County Environmental Health (Attention: Don Hwang), according to the following schedule:

- October 31, 2002 - Work Plan
- October 31, 2002 - Quarterly Groundwater Monitoring Report, 3rd Quarter 2002
- October 31, 2002 - Soil Sample Report for MW6A, MW6B, MW6C, MW6D
- January 31, 2003 - Quarterly Groundwater Monitoring Report, 4th Quarter 2002
- April 30, 2003 - Quarterly Groundwater Monitoring Report, 1st Quarter 2003
- July 31, 2003 - Quarterly Groundwater Monitoring Report, 2nd Quarter 2003

If you have any questions, you may call me at 510/567-6746.

Sincerely,



Don Hwang
Hazardous Materials Specialist
Local Oversight Program

c: Paula Sime, Environmental Resolutions, Inc., 73 Digital Dr., Novato, CA 94949-5791

File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



8-21-01

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

August 20, 2001

Darin Rouse, Senior Engineer
Exxon Co., U.S.A.
ExxonMobil
Refining & Supply
Safety, Health and Environment
Environmental Engineering
P.O. Box 4032
Concord, CA 94524-4032

Dear Mr. Rouse:

Subject: Exxon RAS #7-0235, 2225 Telegraph Ave., Oakland, CA
RO0000358

"Work Plan to Perform a Dual-Phase Extraction Test (DPE)..." dated April 17, 2001, by Environmental Resolutions, Inc., was determined to be acceptable by Chuck Headlee, Regional Water Quality Control Board, after reviewing a fax copy which I sent him. Therefore, it is approved. Please notify me when DPE will occur.

If you have any questions, call me at (510) 567-6746.

Sincerely,

Don Hwang
Hazardous Materials Specialist

cc
C: Casey Sanders, Environmental Resolutions, Inc., 73 Digital Dr., Suite 100, Novato, CA
94949-5791

file

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SENT 7-7-2000

20358

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

July 6, 2000

Darin Rouse, Senior Engineer
Exxon Co., U.S.A.
ExxonMobil
Refining & Supply
Safety, Health and Environment
Environmental Engineering
P.O. Box 4032
Concord, CA 94524-4032

Dear Mr. Rouse:

Subject: Exxon RAS #7-0235, 2225 Telegraph Ave., Oakland, CA
StId 1039

"Soil and Groundwater Investigation..." dated May 11, 2000, by Environmental Resolutions, Inc., was reviewed. Geoprobe borings, GP1 and GP2, were NonDetect (ND) for Total Purgeable Petroleum Hydrocarbons as Gasoline (TPPHg), benzene, toluene, ethyl benzene, xylene (BTEX), Methyl Tertiary-Butyl Ether (MTBE) in soil and groundwater samples except for groundwater sample, W-12-GP2, which had 100 ug/l TPPHg. The proposed well installation is approved with additional soil and groundwater analyses for TPH-Motor Oil using modified EPA Method 8015, and MTBE. Also, groundwater recovery well, RW1, is to be included in future sampling events and all groundwater samples are to include analysis for TPH-Motor Oil.

If you have any questions, call me at (510) 567-6746.

Sincerely,

Don Hwang
Hazardous Materials Specialist

C: Jim Chappell, Environmental Resolutions, Inc., 73 Digital Dr., Suite 100, Novato, CA
94949-5791

file

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



SENT 2-25-2000
including ep's

20358

February 24, 2000

STID 1039

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

Mr. Darin Rouse
Exxon Company, U.S.A.
P.O. Box 4032
Concord, CA 94524-4032

RE: Exxon Service Station 7-0235, 2225 Telegraph Avenue, Oakland

Dear Mr. Rouse:

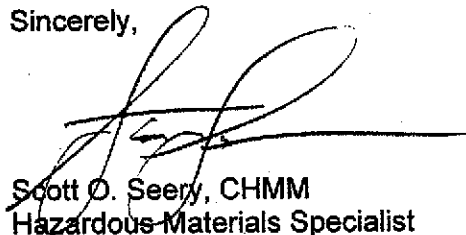
This letter follows my review of the January 4, 2000 Environmental Resolutions, Inc. (ERI) work plan for a soil and water investigation (SWI) in locations downgradient of the subject site. This work plan was submitted in response to a November 5, 1999 request from this office for such work, prompted by the significant increase in methyl tert-butyl ether (MtBE) concentrations identified in water samples collected from well MW6H in the last two years.

ERI proposes the use of Geoprobe® or other "push-tool" sampling equipment to advance two borings into Telegraph Avenue from which both soil and groundwater samples will be collected. Although the proposed scope of work is acceptable as a preliminary step in the assessment, it is not a replacement for the monitoring wells requested previously.

The cited ERI workplan is accepted as submitted for this preliminary stage of the SWI.

Please call me at (510) 567-6783 should you have any questions and to advise me when permits have been secured and field work scheduled.

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Chuck Headlee, RWQCB
Leroy Griffin, Oakland Fire Department
Jim Chappell, Env. Resolutions, Inc., 73 Digital Dr., Ste. 100, Novato, CA 94949

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Sent 11-10-99
Including cc's

20358

November 9, 1999

STID 1039

Mr. Darin Rouse
Exxon Company, U.S.A.
P.O. Box 4032
Concord, CA 94524-4032

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

RE: Exxon Service Station 7-0235, 2225 Telegraph Avenue, Oakland

Dear Mr. Rouse:

This letter follows my review of the October 5, 1999 Environmental Solutions, Inc. (ESI) and follow-up review of the case file for the subject site. As you may be aware, sampling data generated since ~1997 appear to demonstrate that a "recent" release has occurred at this site. This interpretation is bolstered by review of analytical data from well MW-6H for the period between August 1997 and the present, particularly with respect to concentrations of methyl tert-butyl ether (MtBE). A letter addressed to Leroy Griffin of the Oakland Fire Department (OFD) on July 8, 1999 (attached) articulates this concern.

Consistent with current California law and regulations, and guidance policy from the Regional Water Quality Control Board (RWQCB), the extent of the release from this site must be determined. The current well network does not provide the coverage necessary to satisfy this fundamental requirement.

At this time, please have your consultant evaluate appropriate well locations and submit a soil and water investigation (SWI) work plan for the continued assessment of this release. **The SWI work plan is due within 60 days of the date of this letter.**

Please call me at (510) 567-6783 should you have any questions about the content of this letter.

Sincerely,

Scott O. Seery, CHMM
Hazardous Materials Specialist

Attachment

cc: Chuck Headlee, RWQCB
Leroy Griffin, Oakland Fire Department
John Skance, Env. Resolutions, Inc., 73 Digital Dr., Ste. 100, Novato, CA 94949

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

RO 358

July 8, 1999

ENVIRONMENTAL HEALTH SERVICES .

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

STID 1039

Mr. Leroy Griffin
Oakland Fire Department
504 - 14th Street, 7th Floor
Oakland, CA 94612

RE: Exxon Service Station #7-0235, 2225 Telegraph Avenue, Oakland

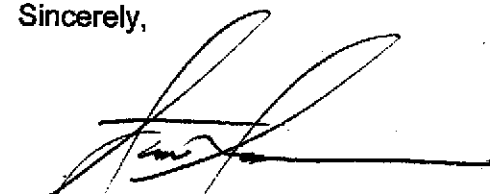
Dear Mr. Griffin:

This letter is sent in follow-up to my telephone message to you on July 6th and my conversation this morning with Heron Gomez of your staff. As I communicated in both instances, reported sampling data from wells MW-6H and RW-2 have demonstrated a recent trend of increasing concentrations of dissolved- and immiscible-phase gasoline components. For example, methyl tert butyl ether (MtBE) concentrations in well MW-6H increased 10-fold between the January and April 1999 sampling events. Moreover, MtBE concentrations have increased 1000-fold in this well since August 1997. In addition, a free-product "sheen" was noted in RW-2 in April 1999, the first time to my knowledge that this has been observed in this or any other well at the site. A site map is attached showing well locations and recent sampling results.

These data appear to demonstrate that a subsequent release from the underground storage tank (UST) system has occurred at this site. This is being brought to your attention as a courtesy in order to assist the city in its role to ensure UST compliance and operator adherence to requirements of the UST permit.

Please call me at (510) 567-6783 should you have any questions.

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

Attachment

c: Tom Peacock, ACDEH
Chuck Headlee, RWQCB
Marla Guensler, Exxon Company USA
P.O. Box 4032, Concord, CA 94524-4032

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0358

May 4, 1999

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

STID 1039

Ms. Marla Guensler
Exxon Company, U.S.A.
P.O. Box 4032
Concord, CA 94524-4032

RE: Exxon Service Station 7-0235, 2225 Telegraph Avenue, Oakland

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

Dear Ms. Guensler:

This letter is to inform you of new legislative requirements pertaining to cleanup and closure of sites where an unauthorized release of hazardous substance, including petroleum, has occurred from an underground storage tank (UST). Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code requires the primary or active responsible party to notify all current record owners of fee title to the site of: 1) a site cleanup proposal, 2) a site closure proposal, 3) a local agency intention to make a determination that no further action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within twenty (20) calendar days of receipt of this notice, a complete mailing list of all current record owners of fee title to the site. You may use the enclosed "list of landowners" form (sample letter 2) as a template to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.

LANDOWNER NOTIFICATION
Re: 2225 Telegraph Avenue, Oakland
May 4, 1999
Page 2 of 2

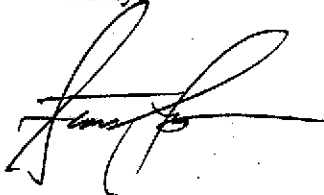
In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

- 1) consider a cleanup proposal (corrective action plan)
- 2) consider a site closure proposal
- 3) make a determination that no further action is required
- 4) issue a closure letter

You may use the enclosed "notice of proposed action" form (sample letter 3) as a template to comply with this requirement. Before approving a cleanup proposal or site closure proposal, determining that no further action is required, or issuing a closure letter, the local agency will take all reasonable steps necessary to accommodate responsible landowner participation in the cleanup and site closure process and will consider all input and recommendations from any responsible landowner.

Please call me at (510) 567-6783 should you have any questions about the content of this letter.

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

Attachments

cc: Chuck Headlee, RWQCB
Leroy Griffin, Oakland Fire Department

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0338

June 1, 1998

ENVIRONMENTAL HEALTH SERVICES

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

STID 1039

Ms. Marla Guensler
Exxon Company, U.S.A.
P.O. Box 4032
Concord, CA 94524-4032

RE: EXXON STATION #7-0235, 2225 TELEGRAPH AVENUE, OAKLAND

Dear Ms. Guensler:

This letter follows my recent review of this case, and my site visit and telephone message to you last week. I understand that Exxon, by virtue of agreement between Texaco and itself, is now the lead responsible party for this project.

Please adhere to the following changes in the sampling program and submit the following data:

- 1) Reinstate sampling and monitoring of (former) recovery well RW-2. This well is to be sampled/monitored during the next scheduled event, and quarterly thereafter at this time.
- 2) Well MW-6I shall be sampled/monitored semiannually (1st and 3rd quarters).
- 3) Sampling of wells MW-6F, and MW-6G may be discontinued.
- 4) All remaining monitoring wells shall be sampled/monitored following the current schedule. Recovery well RW-1 need not be sampled/monitored at this time.
- 5) Submit a summary documenting operation of the ground water and soil vapor treatment systems, including cumulative hydrocarbons removed, total fluids throughput, and operational periods, among other data.

Please submit the requested information when made available to Exxon, and adhere to the modified sampling/monitoring schedule at this time.

Ms. Marla Guensler
RE: 2225 Telegraph Ave., Oakland
June 1, 1998
Page 2 of 2

Please call me at 510/567-6783 should you have any questions or comments about these requests.

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Mee Ling Tung, Director, Environmental Health
Chuck Headlee, RWQCB
Leroy Griffin, Oakland Fire Department
Karen Petryna, Texaco Refining and marketing, Inc.

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

20358

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

StID 1039

November 18, 1997

Ms. Leslie Thomas
Exxon Co-Marketing Dept
P.O. Box 4032
Concord, CA 94524-4032

Re: CLOSURE OF UNDERGROUND STORAGE TANK

Dear Ms. Thomas:

Thank you for the analytical report concerning the removal of a 1,000 gallon waste oil underground storage tank at **2225 Telegraph Ave, Oakland, CA** on September 22, 1997. That report has been reviewed and it is our opinion that this tank has been closed in compliance with Title 23 of the California Code of Regulations.

Based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground storage tank is required.

If you have any further questions concerning this matter, please contact me at (510) 567-6700.

Sincerely,

eva chu
Hazardous Materials Specialist

c: Leroy Griffin, Oakland Fire Dept

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



STID# 1039
EXXON # 7-0235
2225 TELEGRAPH AVE,
OAKLAND.
R0# 358

September 11, 1997
STID 1039

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

Dear Karen Petryna:

This office has received and reviewed a Env - Studies, Surveys & Reports dated January 27, 1997 (your office), May 26, 1997, and August 4, 1997 by Blaine Tech Services. The following comments concern these reports:

1. There are no conclusions or recommendations in these reports, only analytical data.
2. It seems that the greatest concentration of contaminants are around MW-6h, which is actually downgradient of the extraction well. Is this contamination being captured.
3. Have you thought of using ORC (oxygen releasing compound) in the wells with significant contamination remaining?

This case will be transferred to Pam Evans of this office. You may contact her at (510) 567-6770 if you have any questions regarding this letter.

Sincerely,

Thomas Peacock, Manager

c: Michael Faber, Exxon Company, USA, 2300 Clayton Rd., Suite
1250, Concord, CA 94524-2032
Gordon Coleman - Files

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RO# 358

STID 1039

October 17, 1996

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

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

RE: 2225 TELEGRAPH AVENUE, OAKLAND CA 94607

Dear Ms. Petryna:

This office is in receipt of and has completed review of the case file for this site, up to and including the October 9, 1996 - Texaco "Groundwater Monitoring and Sampling Third Quarter, 1996", and your October 9, 1996 letter.

In your October 9, 1996 letter you requested that "In order to facilitate a Tier 2 analysis, we would like a copy of your assumptions (exposure pathways, receptor scenario, source media [soil and/or ground water])." This is an unusual request, since it is usually the risk assessor's job to evaluate all current and possible future uses of the property to determine what exposure pathways, receptor scenarios, etc. would need to be evaluated as part of the risk assessment.

However, as documented in the Texaco third quarter 1996 groundwater monitoring report, concentrations of benzene detected in downgradient well MW6H have decreased significantly since the second quarter 1996 groundwater sampling event. The reported level of 110ug/L for the groundwater sample collected from MW6H is not in exceedence of the CA-modified Tier 1 RBSL for the exposure pathway:

- "Groundwater-Vapor Intrusion from Groundwater to Buildings" at a target level of 1E-05 (214 ug/L - 1 in 100,000 excess cancer risk) for a commercial/industrial receptor scenario.

Please be advised that further RBCA Tier 2 evaluation may be required for this site. This office will review the fourth quarter 1996 groundwater monitoring and sampling report to determine whether a Tier 2 evaluation will be required for this site. For your information, benzene concentrations exceeding 214 ug/l, in any of the on-site or off-site monitoring wells, would be the basis for requiring a Tier 2 evaluation.

Finally, Alameda County Department of Environmental Health (ACDEH) requires that annual groundwater monitoring be conducted during the 1st quarter of every year. Therefore, please have wells MW6F and MW6G sampled annually beginning with the first quarter of 1997.

Ms. Karen E. Petryna
RE: Former Texaco Service Station, 2225 Telegraph Avenue, Oakland
October 17, 1996
Page 2 of 2

Please call me directly at 510/567-6880 should you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Dale Klettke". The signature is written in black ink and has a long horizontal flourish extending to the right.

Dale Klettke, CHMM
Hazardous Materials Specialist

c: Dale Klettke--files
1039gwp&.tnc

Be

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



20358

STID 1039

September 26, 1996

Ms. Karen E. Petryna
Texaco Refining and Marketing Inc.
108 Cutting Boulevard
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: 2225 TELEGRAPH AVENUE, OAKLAND CA 94607

Dear Ms. Petryna:

This office is in receipt of and has completed review of the case file for this site, up to and including the September 23, 1996 - Kaprealian Engineering Inc. "Modification to Remediation System" letter.

In this letter, Kaprealian Engineering requests that the groundwater pump and treat system be discontinued, and that existing underground piping to recovery well RW-1 be added to the newly installed vapor extraction system.

Alameda County Department of Environmental Health concurs with Kaprealian Engineering that "the operation of a ground water pump and treat system will not be successful in further reducing the hydrocarbon concentrations detected at the site." This letter constitutes approval for discontinuing the ground water pump and treat system, in addition to performing recommended modifications to the vapor extraction system.

However, second quarter 1996 groundwater monitoring results document elevated concentrations of petroleum hydrocarbons in monitoring well MW-6H. Laboratory results of the groundwater sample collected from monitoring well MW-6H revealed TPHg and BTEX at concentrations of 3.2, 1.2, 0.16, 0.038 and 0.20 mg/L (ppm), respectively. Petroleum hydrocarbon contamination appears to be migrating off-site, as documented by the high concentrations of benzene historically detected in well MW-6H.

This soil and groundwater data was analyzed using a limited ASTM Risk-Based Corrective Action (RBCA) Tier 1 Risk Based Screening Level (RBSL) evaluation as referenced in the ASTM E 1739 - 95 document "Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites". The ASTM E 1739 - 95 document is a consistent decision-making process for the assessment and response to a petroleum release, and is based on the protection of human health and the environment. The Tier I risk assessment compares the chemicals of concern (COCs) documented at the site with Tier 1 RBSLs as presented in the published Look-up Table (ASTM E 1739-95 - Table X2.1 "Example Tier 1 Risk-Based Screening Level (RBSL) Look-up Table). *Note: Hazard Quotients (HQ) are used in the development of RBSLs for non-carcinogenic compounds only (examples: toluene, ethyl benzene, total xylenes, etc.), and are not used in determining RBSLs for carcinogens such as benzene.*

Ms. Karen E. Petryna

RE: Former Texaco Service Station, 2225 Telegraph Avenue, Oakland

September 26, 1996

Page 2 of 2

This evaluation determined that for the following risk exposure scenario, contaminant levels exceed the CA-modified Tier 1 RBSLs:

- "Groundwater-Vapor Intrusion from Groundwater to Buildings" at a target level of 1E-05 (1 in 100,000 excess cancer risk) for a commercial/industrial receptor scenario.

Please be advised that further RBCA Tier 2 evaluation is required for this site.

Finally, the Texaco "Groundwater Monitoring and Sampling Second Quarter, 1996" report was dated August 15, 1996, for wells which were sampled on April 22, 1996. **As previously requested by this office, additional quarterly groundwater sampling reports should be received by this office no later than 45 days from the groundwater sampling date.**

Please call me directly at 510/567-6880 should you have any questions.

Sincerely,



Dale Klettke, CHMM
Hazardous Materials Specialist

c: Thomas Peacock, LOP Manager--files
Bob Chambers, Alameda County District Attorneys Office

Bc
1039gwp&.tuo

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0#358

ARNOLD PERKINS, DIRECTOR
RAFAT A. SHAHID, DEPUTY DIRECTOR

STID 1039

January 24, 1996

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

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

RE: 2225 TELEGRAPH AVENUE, OAKLAND CA 94607

Dear Ms. Petryna:

This office is in receipt of and has completed review of the case file for this site, up to and including the January 15, 1996 - Texaco Refining and Marketing Inc. "Fourth Quarter 1995 Groundwater Monitoring and Sampling" Report.

The fourth quarter 1995 groundwater monitoring event documents elevated concentrations of petroleum hydrocarbons in monitoring wells MW-6B, MW-6E and MW-6H. Groundwater samples collected from monitoring wells MW-6F, MW-6G and MW-6I were found to contain non-detectable concentrations of total petroleum hydrocarbons as gasoline (TPHg), BTEX and MTBE for the fourth quarter 1996 sampling event.

As stated on the last page of your "Quarterly Summary Report", the extent of petroleum hydrocarbons in soil and groundwater has not been delineated. This is especially true for areas down-gradient of monitoring well MW-6H, which detected 1,400 ppb-TPHg and 93 ppb-benzene for the fourth quarter 1996 sampling event. Since groundwater flow has been consistently in a southerly to south-southeasterly direction, petroleum hydrocarbon impacted groundwater may possibly be migrating off-site, in close proximity to the BART tunnel. The presence or absence of horizontal and vertical conduits which could act as preferential pathways for the dissolved plume should be evaluated as a part of the site characterization process.

A minimum of one additional monitoring well needs to be installed in a down-gradient location from monitoring well MW-6H. Please provide a simplified work plan showing the location(s) of the proposed groundwater monitoring well(s) and/or sampling points.

This work plan is due no later than 45 days from the date of this letter or March 13, 1996.

In order to properly place the monitoring well(s) in a more cost-effective fashion, this office has suggested that you first employ rapid site assessment tools (e.g. CPT, Geo Probe, Hydropunch, etc.) to qualitatively assess impacts and to define the extent of any contaminant plume before proposing final well location(s).

Ms. Karen E. Petryna

RE: Former Texaco Service Station, 2225 Telegraph Avenue, Oakland

January 24, 1996

Page 2 of 2

After initial placement and sampling of the additional monitoring well(s), please adhere to a **quarterly** schedule of well sampling, monitoring, and report submittal as referenced in Title 23, California Code of Regulations (CCR) section 2652(d). Sample analytes shall continue to be TPHg, BTEX and MTBE.

Sampling of wells MW-6B, MW-6E, MW-6F, MW-6G, MW-6H, MW-6I and the additional well(s) should continue until four consecutive sampling events have documented acceptable levels of chemicals in groundwater samples collected from these monitoring wells. When four quarters of groundwater monitoring document low or non-detectable levels of petroleum hydrocarbon contamination, revised sampling schedules (annual or semi-annual) for individual wells will be reviewed on a well-by-well basis.

Additional quarterly groundwater sampling reports should be received by this office no later than 45 days from the groundwater sampling date.

In addition, the semi-annual self-monitoring reports do not include tabulations summarizing amounts of petroleum hydrocarbons removed by use of the groundwater treatment unit. It is very difficult to determine whether this system is indeed functioning efficiently. In future reports please tabulate amounts of groundwater and/or soil vapor treated, amount of groundwater and/or soil vapor treated to date, amount of petroleum hydrocarbons removed during the last reporting period and total amounts of petroleum hydrocarbons removed to date. I have enclosed a copy of a table which Groundwater Technology, Inc. has developed which could be modified and which would fulfill these requirements. This table was developed for a dual-phase system similar to the system that you will be operating once the soil-vapor extraction system is installed.

For your information, I have recently taken over management of this project from Thomas Peacock of this office. Please call me at 510/567-6880 should you have any questions.

Sincerely,



Dale Klettke, CHMM
Hazardous Materials Specialist

enclosure

c: Thomas Peacock--files

BC Gil Jensen, Alameda County District Attorney's Office

1039admjv.jet

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0358

RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700

June 14, 1995
STID 1039

Texaco Refining & Marketing Inc.
ATTN: Bob Robles
10 Universal City Plaza
Universal City, CA 91608

RE: Exxon #7 0235, 2225 Telegraph Ave., Oakland, CA 94612

Dear Bob Robles,

This office has received and reviewed Env - Studies and Reports from Texaco dated May 17, 1995 by Texaco Environmental Services for the above site. This report is acceptable to this office with the following comments:

1. The comment on the Quarterly Summary Report that the extent of petroleum hydrocarbons in soil and groundwater has not been delineated is proper.
2. It is also good to see that you are putting out a bid for a vapor extraction system at this site.

If you have any questions or comments, please contact this office at (510) 567-6782. Also, please note that our office has moved to Alameda.

Sincerely,

Thomas Peacock, Supervising HMS
Division of Environmental Protection

c: Mee Ling Tung, Acting Chief - files
Michael Faber, Exxon Co., P.O. Box 4032, Concord, CA 94524-2032
Karen Petryna, Texaco, 108 Cutting Blvd., Richmond, CA 94804

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0358

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program

March 7, 1995
STID 1039

Texaco Refining & Marketing Inc.
ATTN: Bob Robles
10 Universal City Plaza
Universal City, CA 91608

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

RE: Exxon #7-0235, 2225 Telegraph Ave., Oakland, CA 94612

Dear Bob Robles,

This office has received and reviewed Env - Studies and Reports from Texaco dated February 3, 1995 by Texaco Environmental Services for the above site. This report is acceptable to this office with the following comment:

The attached page, which is a summary of all the sampling work done for different stages of your treatment system reports all the results incorrectly. Either the results should be reported as parts per million (ppm) rather than ppb (billion) or else they should be reported as ppb. I recommend that they be reported as ppb, which is most common for water, as all the results in the accompanying laboratory documents report the results in ppb. In any case, results should be reported accurately.

If you have any questions or comments, please contact this office at (510) 567-6782.

Sincerely,

A handwritten signature in cursive script, appearing to read "Thomas Peacock".

Thomas Peacock, Supervising HMS
Hazardous Material Division

cc: Gordon Coleman, Acting Chief - files
Michael Faber, Exxon Co., P.O. Box 4032, Concord, CA 94524-2032
Karen Petryna, Texaco, 108 Cutting Blvd., Richmond, CA 94804
attachment

**GENERAL NPDES PERMIT NO. CA0024660
SELF MONITORING REPORT SUMMARY**

Reporting Period: 07/14/94 to 12/31/94
Site: Texaco Environmental Services
Name: Former Texaco Service Station
Address: 2225 Telegraph, Oakland, CA
Company Contact: Karen Petryna
Mailing Address: 108 Cutting Boulevard
Richmond, CA 94804
Phone Number: (510) 236-9139

Due Date: 01/31/95
EBMUD File No: 502-27801
Consultant: Groundwater Technology, Inc.
Address: 1401 Halyard Drive, Suite 140
West Sacramento, CA 95691
Contact: Brian Garber *BC*
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)
luent	14-Jul-94	2.3	338080	153470
	04-Aug-94	3.0	352696	168086
	16-Aug-94	2.6	353239	168629
	05-Sep-94	3.4	373220	188610
	23-Sep-94	3.2	373927	189317
	05-Oct-94	3.3	373976	189366
	20-Oct-94	OFF	374003	189393
	03-Nov-94	2.6	389908	205298
	23-Nov-94	2.5	409593	224983
	01-Dec-94	2.8	423355	238745
	21-Dec-94	2.6	455430	270820

Combined Average Flow Rate from 08/04/94 to 12/31/94: 0.51

Total Volume of Discharged Groundwater as of 12/31/94: 270820

SEMI-ANNUAL REPORTING

Sample Location	Date	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)	PHG (ppb)
luent	07/14/94	2.3	0.37	0.11	0.55	5.7
	08/04/94	1.1	0.18	0.032	0.44	5.2
	09/05/94	0.29	0.037	0.0084	0.18	2.3
	10/05/94	0.19	0.041	0.01	0.15	2.9
	11/03/94	0.41	0.54	0.18	0.34	3.7
	12/01/94	2.4	0.42	0.11	0.73	7.9
luent	07/14/94	ND	ND	ND	ND	ND
	08/04/94	NA	NA	NA	NA	NA
	09/05/94	NA	NA	NA	NA	NA
	10/05/94	ND	ND	ND	ND	ND
	11/03/94	---	---	---	---	---
	12/01/94	---	---	---	---	---
-2	07/14/94	ND	ND	ND	ND	ND
	08/04/94	ND	ND	ND	ND	ND
	09/05/94	ND	ND	ND	1.3	ND
	10/05/94	ND	ND	ND	ND	ND
	11/03/94	ND	ND	ND	ND	ND
	12/01/94	ND	ND	ND	ND	ND

all of these are reported wrong

*2300 ppb
1100 ppb* *5700 ppb
5200 ppb*

They should be ppm, or else add 3 zeroes.

-2 = Sample port between carbon drums.

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0358

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program

February 2, 1995
STID 1039

Texaco Refining & Marketing Inc.
ATTN: Bob Robles
10 Universal City Plaza
Universal City, CA 91608

Alameda County CC4530
Environmental Protection Division
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577

RE: Exxon #7-0235, 2225 Telegraph Ave., Oakland, CA 94612

Dear Bob Robles,

This office has received and reviewed Env - Studies and Reports from Texaco dated November 30, 1994 and January 18, 1995 by Texaco Environmental Services for the above site. These reports are acceptable to this office with the following comments:

1. There are no recommendations in the reports. There is a lot of data but nothing is said about what plans are for the continuing remediation of the site other than for continued monitoring.
2. How well is the treatment system working. There is no information about capture area of the treatment system, how much water or contaminant is being removed. The only information is that operation and maintenance is being done.
3. These two reports came in only 7 weeks apart and the first one was 90 days after the sampling was done. This is already into the next quarter and does not allow for this office to have an effect on what will be done next.
4. In the last report there are now hits in MW-6G and MW-6I. Significant contamination is still in MW-6B and MW-6E. MW-6H is way up with contamination levels of 13,000 ppb of TPHg (misreported on plate 3 as 1,300) and 1,700 ppb benzene. This well is the farthest east. If a plume was plotted, which it was not, the entire east side of the plume with a gradient to the south would be open and unbounded. The comment is made in both of the summary reports that **"the extent of petroleum hydrocarbons in soil and groundwater has not been delineated"**. This is surely true and the contamination that it is detecting being captured by the pumping? The plume is not shown but it is certainly not all contained?

Further investigative work needs to be performed, possibly to include the other side of Telegraph Ave., to adequately assess that side of the plume. In the last report the gradient was shown to have changed direction such that it was heading out to

February 2, 1995
STID 1039
Texaco, Bob Robles
Page 2 of 2

Telegraph Ave. in the very direction where information is missing. Although MW-6I used to be ND for many quarters, the most recent analysis showed small hits of 53 ppb TPHg and 0.62 ppb benzene. This seems like it could be the leading edge of the plume.

If you have any questions or comments, please contact this office at (510) 567-6782.

Sincerely,



Thomas Peacock, Supervising HMS
Hazardous Material Division

cc: Edgar Howell, Chief - files
Michael Faber, Exxon Co., P.O. Box 4032, Concord, CA 94524-2032
Karen Petryna, Texaco, 108 Cutting Blvd., Richmond, CA 94804

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0358

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH

September 22, 1994
STID 1039

Texaco Refining & Marketing Inc.
ATTN: Bob Robles
10 Universal City Plaza
Universal City, CA 91608

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

RE: Exxon #7-0235, 2225 Telegraph Ave., Oakland, CA 94612

Dear Bob Robles,

This office has received and reviewed Env - Studies and Reports from Texaco dated August 4 and 5, 1994 by Blaine Tech services for the above site. These reports are acceptable to this office with the following comments:

1. There are no recommendations in the reports. There is a lot of data in the reports but nothing is said about what plans are for the continuing remediation of the site.

2. A question that should be answered is "what is the capture area of the treatment system?" MW-6H has the highest concentration of any of the wells that were monitored and there is not another well down gradient from MW-6H. So is all the contamination that it is detecting being captured by the pumping? The plume is not shown so is it all contained?

If you have any questions or comments, please contact this office at (510) 567-6782. Note our new address and phone.

Sincerely,

Thomas Peacock, Supervising HMS
Hazardous Material Division

cc: Edgar Howell, Chief - files
Michael Faber, Exxon Co., P.O.Box 4032, Concord, CA 94524-2032
Karen Petryna, Texaco, 108 Cutting Blvd., Richmond, CA 94804

MEMORANDUM

DATE: March 1, 1994
 TO: LOP staff
 FROM: Scott Seery
 SUBJ: Meeting to follow-up on status of EXXON-lead investigations

At 10:00 AM on Tuesday, March 8, 1994, I will be meeting with Ms. Marla Guensler of EXXON Corporation to discuss the status of EXXON-lead sites in Alameda County. This meeting is in follow-up to those held during March and September 1993. Following is a minimum list of sites to be discussed. Each were previously covered during both prior meetings.

Please become aware of the status of each site within your districts and either: 1) plan on attending the meeting; or, 2) provide a brief summary regarding the status of the site(s), any concerns you may have, additional work needed, etc., etc. I apologize for the short notice on this.

<u>STID</u>	<u>SITE ADDRESS</u>	<u>SPECIALIST</u>
(R0448) 3601	1725 Park Street, Alameda	JMS
(R02424) 4103	7840 Amador Valley Blvd., Dublin	EC
(R0953) 2692	1175 Catalina Drive, Livermore	EC
(R01083/ R02515-Valero) (R0358) 515	3450 35th Ave., Oakland	SH
(R0358) 1039	2225 Telegraph Ave., Oakland	JE
Not in Envision → 1068	6630 E. 12th Street, Oakland	TP
(R0491) 136	720 High Street, Oakland	BC
(R0520) 1127	8008 Mountain Blvd., Oakland	JMS

Attached is a copy of the memo documenting the results of September's meeting. Please review your cases in context with the summaries presented herein.

I need your input prior to next Tuesday's meeting. Thanks.

memo\3-1exxn

MEMORANDUM

DATE: September 28, 1993

TO: LOP staff

FROM: Scott Seery

SUBJ: EXXON meeting, September 28, 1993

Today I met with Ms. Marla Guensler and Mr. Ernie Villasenor of EXXON Corporation. With them were representatives of their consultant, RESNA Corporation. Today's meeting, the second of a series, was in follow-up to a similar meeting held during March 1993. The status of all EXXON sites with UST investigations/clean-ups, for which ACDEH is the lead oversight agency and EXXON the lead RP, is the topic of this series.

As with the March meeting, the tone and outcome were "up-front," positive, and productive. Following is a summary of the issues discussed, listed by site.

STID	ADDRESS	CASE LEAD
<u>3601</u>	<u>1725 Park Street, Alameda</u>	<u>EXXON</u>

- o downgradient wells (3) installed off-site in May 1993, with two (2) of the three along Park not showing measurable HC impact as of this writing; minor impact (TPH, only) in well located on Eagle
- o informed EXXON of pending tank replacement at Shell station, 1701 Park, approximately 200' upgradient (crossgradient?) of site; EXXON is fairly convinced (read: hopeful) that their site has been impacted by an upgradient source, and that the Shell station appears to them to be the most likely candidate. (I told EXXON that I wasn't convinced of this yet, in the absence of any GW data on property between Shell and EXXON sites, that Shell is a potential contributory source. RESNA feels that the native formation [Merrit Sands?] has sufficient transmissivity to allow dispersion at a level consistent with the impact noted in on-site, upgradient well. I noted that this well and one other are crossgradient of the UST complex, and the impacts noted may just be the result of a fairly flat gradient.)
- o EXXON noted that the 1992 Hydropunch survey found concentrations of HCs adjacent to the Shell site similar to those found adjacent to the EXXON site, making them believe that Shell is a likely contributing source
- o **German Auto Repair** should be evaluated for presence of USTs. Do we currently know of any?
- o discussed potential for utility trenches in Park Ave. to act as conduits for expressing contaminants away, before being intercepted by downgradient, off-site wells. (May need to keep an eye on this.)

4103 7840 Amador Valley Blvd., Dublin EXXON

- o all appears to be on track
- o MTBE discovered recently,; EXXON indicates this additive may be a result of Texaco's activities - claim no knowledge of its use by EXXON
- o downgradient wells have minor hits, but absent aromatics at levels of concern
- o **Close to site closure** - monitor a few more quarters to see if trends continue
- o reduce sampling frequencies in MW-3 and MW-4:
 MW-3 annual
 MW-4 semiannual

2602 1175 Catalina Drive, Livermore Texaco?/ EXXON

- o investigation by Texaco before site transfer to EXXON (may have) identified waste oil tank leak [Copy of Texaco's "Exhibit J" report to be reissued.]
- o need to determine ACDEH should also name Texaco as RP for waste oil problem, if leak substantiated
- o EXXON is still RP for fuel problem - **needs to perform PSA**
- o EXXON will look for copies of tank test reports when still under Texaco control (pre 1988)
- o ACDEH needs to try to propagate a productive, integrated approach between Texaco and EXXON if both are required to perform PSAs for their commensurate problems.

515 3450 - 35th Ave., Oakland EXXON ?

- o appears to be a minor residual problem - good candidate for closure (?)
- o discussion regarding need to (still) determine whether MW-1 is intercepting the trailing edge of the plume, or is in the heart of it; EXXON will review UST closure report and see if substantial problem was identified in soil at the time. EXXON will propose a Hydropunch survey downgradient of MW-1 should the closure report indicate high concentrations of HCs in soil at the time of closure. Alternatively, EXXON will review the report generated by Texaco prior to property transfer to EXXON. Should this report substantiate that "no problem" was found prior to transfer, EXXON may conclude that the Hydropunch survey is unnecessary
- o EXXON to supply another copy of the Texaco "Exhibit J" report for this site

1039 2225 Telegraph Ave., Oakland Texaco

- o Texaco lead - no updates by EXXON

1068 6630 East 14th Street, Oakland EXXON

- o former Texaco site - EXXON will send another Texaco "Exhibit J" report
- o should noted Texaco report indicate a release during Texaco's tenure, need to identify Texaco as additional RP
- o downgradient well MW-5 had only one "hit" in October 1992, and none since - may be from cross-contamination during sampling
- o same (apparent) occurrence in cross-gradient well MW-7
- o "sheen" found in well MW-2, yet sampled anyway. Low dissolved concentrations (total TPH of 15 ppm) lead RESNA to conclude that sheen was not a result of HCs, but rather some other unknown organic compound. [FP not expected until conc. > 50-100 ppm]
- o SWI work plan for additional on-site assessment to be submitted shortly, which will include 5 borings/Hydropunches with 3 to be converted to SVE test wells

136 720 High Street, Oakland EXXON

- o interceptor trench in design/engineering phase now, and will run along south/SW/west site boundaries. Trench forecast to be completed prior to 1994
- o southern off-site wells still in City of Oakland permitting process
- o treatment of collected GW to (likely) include thermal destruction and GAC polishing prior to discharge. Trench to include vapor extraction plumbing, as well, to address need to remove potential free phase product from trench
- o Timeline to be developed by RESNA
- o upgradient contributory source not considered significant at this time

1127 8008 Mountain Blvd., Oakland EXXON

- o EXXON to supply copies of (copious) pre-April 1992 files
- o EXXON considers this a low priority case - will likely be proposing site closure shortly
- o EXXON will conduct well survey in area to determine if pumping, etc., could explain wild fluctuations in GW levels found in OW-6

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO358

RAFAT A. SHAHID, Assistant Agency Director

December 28, 1993

CERTIFIED MAILER #: P 386 338 281

Exxon R/S #7-0235
2225 Telegraph Ave.
Oakland, 94612

UGTID:1039

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

**Re: FIVE-YEAR PERMITS FOR OPERATION OF UNDERGROUND STORAGE TANK(S)
2225 Telegraph Ave. Oakland, 94612**

Dear Owner/Operator:

According to our records your facility referenced above has not received a five-year permit to operate UST's. In order to obtain a permit you must complete the following items marked below and return them within 30 DAYS. The necessary forms are enclosed. You may complete a "Consolidated Underground Tank Management Plan" which will assist you in preparing a monitoring plan, site plot plan and spill response plan for your tank(s). If supplemental information or forms are required, please submit it to this office with the completed questionnaire and application forms:

- ___ 1. An accurate and complete plot plan.
- ___ 2. A written spill response plan. (enclosed)
- ___ 3. A written tank monitoring plan. (enclosed)
- ___ 4. Results of precision tank test(s), (initial and annual).
- ___ 5. Results of precision pipeline leak detector tests (initial and annual).
- ___ 6. Complete UST PERMIT FORM A-one per facility. (enclosed)
- ___ 7. Complete UST PERMIT FORM B-one per tank. (enclosed)
- ___ 8. Complete UST PERMIT FORM C-one per tank if information is available. (enclosed)
- ___ 9. Letter stating how the tank is to be maintained during one year closure.

Be advised that Title 23 of the California Code of Regulation prohibits the operation of "ANY" UST without a permit. If our records are in error, you must contact this office immediately TO AVOID POSSIBLE ENFORCEMENT ACTION. Please feel free to contact this office at (510) 271-4320; to answer any questions which may arise in completing the mandatory five-year permit process. Be prepared to provide your zip code to speak with the Hazmat Specialist handling your case.

Sincerely,

Brian M. Oliva for

Brian Oliva
HazMat Specialist

c: Edgar Howell, Chief, Hazardous Materials Div. (files)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0358

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 2, 1993
STID 1039

Texaco Refining & Marketing Inc.
ATTN: Bob Robles
10 Universal City Plaza
Universal City, CA 91608

RE: Exxon #7-0235, 2225 Telegraph Ave., Oakland, CA 94612

Dear Bob Robles,

This office has received and reviewed Letter Reports for Quarterly Groundwater Monitoring dated May 11 and 12, 1993 by Resna for the 4th quarter 1992 and the 1st quarter 1993 concerning the above site. These reports are acceptable to this office with the following comments:

1. The levels of TPHg as high as 3,400 ppb and benzene as high as 500 ppb are very high. There was no reference to whether the treatment system was containing this plume.
2. The treatment system had been inoperable for some time. Apparently the system was started up again on January 28, 1993 and a Texaco Field Technician was operating it on February 4, 1993. There was no information in these reports concerning the treatment system, its being down, its startup, or its operation. As this is the essential element of the cleanup of this site it is important to include this information in your reports.

Thank you for your cooperation. If you have any questions or comments, please contact this office at (510) 271-4530.

Sincerely,

Thomas Peacock, Supervising HMS
Hazardous Material Division

cc: Richard Hiett, RWQCB
Edgar Howell, Chief - files
William Wang, Exxon Co., P.O. Box 4032, Concord, CA 94524-2032
Ron Zielinski, Texaco, 108 Cutting Blvd., Richmond, CA 94804

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0358

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

November 25, 1992
STID 1039

Texaco Refining & Marketing Inc.
ATTN: Ron Zielinski
108 Cutting Blvd.
Richmond, CA 94804

RE: Exxon #7-0235, 2225 Telegraph Ave., Oakland, CA 94612

Dear Dan Zielinski,

This office has received and reviewed a Report of Tank Replacement and Closure Sampling dated January 1992 by EA Engineering, Science, and Technology, and 2 Quarterly Technical Reports dated May 21 and September 10, 1992 by Harding Lawson Associates concerning the above site. These reports are acceptable to this office with the following comment:

There was reference to the lack of a contract for the 3rd quarter 1992 for Harding Lawson Associates. This office expects that quarterly reports and the associated remediation efforts and monitoring will continue on this site. We look forward to the next report, which should be arriving soon.

Thank you for your cooperation. If you have any questions or comments, please contact this office at (510) 271-4530.

Sincerely,

Thomas Peacock, Supervising HMS
Hazardous Material Division

cc: Richard Hiett, RWQCB
Edgar Howell, Chief - files
William Wang, Exxon Co., P.O. Box 4032, Concord, CA 94524-2032

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0358

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

May 20, 1991

Ms. Elaine Hand
Exxon Company USA C&M Center
4550 Dacoma Way 3rd Floor
Houston, TX 77092

Re: Underground Storage Tank Operating Permit for
Exxon R/S 7-0235, 2225 Telegraph Avenue, Oakland, CA 94612

Dear Ms. Hand:

Enclosed is a five year underground storage tank operating permit for the above referenced facility. To operate under a valid permit, the facility is required to comply with the conditions as described in the California Code of Regulations, Title 23, Subchapter 16, Section 2712. These are briefly summarized below:

- ★ The permittee shall report to our office within 30 days any changes in the uses of any underground storage tank. This includes the storage of any new hazardous substances, changes in monitoring procedures, or the replacement or repair of any part or all of an underground storage tank.
- ★ The permittee shall report to our office any unauthorized release occurrences within the time frame of sections 2652(b) and (c).
- ★ Written records of all monitoring performed shall be maintained on-site by the operator for a period of at least 3 years from the date the monitoring was performed. These records shall be shown to our office upon demand during any site inspection. Monitoring records shall include the results of inventory readings and reconciliations, annual precision tests for all single-walled tanks, annual line-leak detection equipment tests, and any other monitoring equipment calibration and maintenance records. In addition, copies of all tank tests and line-leak detection tests shall be forwarded to our office. The operator is required to submit quarterly inventory reconciliation reports to our office (Section 2644 (e)).
- ★ Permits may be transferred to new underground storage tank owners if the new underground storage tank owner does not change any conditions of the permit, the transfer is registered with the local agency within 30 of the change in ownership, and any necessary modifications are made to the

information in the initial permit application due to the change in ownership. Our office may review, modify, or terminate the permit to operate the underground storage tank upon receiving the ownership transfer request.

If you have any questions regarding the underground tank permit, feel free to call me at 415/271-4320.

Sincerely,

Cynthia Chapman

Cynthia Chapman
Hazardous Materials Specialist

c: Area Hazardous Materials Specialist

fiveyear.exn

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)

3

February 8, 1991

Ms. Elaine Hand
Exxon Company USA C&M Center
4550 Dacoma Way 3rd Floor
Houston, TX 77092

Dear Ms. Hand:

In July, 1990, I inspected 4 Exxon Stations in the City of Oakland, specifically for compliance with the state underground storage tank regulations. Jo Beth Folger of the Walnut Creek Exxon office accompanied me on these inspections. The four stations and brief synopsis of each are listed below. I've included a brief description of what needs to be done for the Station to receive its 5-year permit:

(R0391) • Exxon SS #7-0327, 500 Grand Avenue

There is a question about the 3 fuel tanks being single walled or double walled. Our records indicate that Texaco identified them as single-walled, and when Exxon re-registered the tanks, it identified them as double-walled. I gave Jo Beth Folger new underground tank registration forms to complete with correct information. The waste oil tank has been removed. If these tanks are double-walled, we will require that the monitoring system be upgraded. No quarterly inventory variation reports have been submitted to our office. Our records show that the last precision test on the tanks was performed in June 1989, and the line leak detection system was tested in May 1990.

- ▶ Begin submitting quarterly inventory reconciliation reports, and submit new tank registration forms.

(R0358) • Exxon SS #7-0235, 2225 Telegraph Avenue

Line leak detection system tested in May 1990. No quarterly inventory variation reports have been submitted to our office.

- ▶ Begin submitting quarterly inventory reconciliation reports.

February 8, 1991
Exxon Oakland Stations
Page 2

(No
record)

- Exxon SS #7-0236, 6630 E. 14th Street

Line leak detectors tested in 1990, tanks tested in 1989.
No quarterly inventory variation reports have been
submitted to our office.

- ▶ Begin submitting quarterly inventory reconciliation reports.

- (R0390) • Exxon SS #7-0238, 2200 E. 12th. Street

Line leak detectors tested in 1990, tanks tested in 1989.
No quarterly inventory variation reports have been
submitted to our office.

- ▶ Begin submitting quarterly inventory reconciliation reports.

Our billing office indicates that underground tank fees for these four stations are current.

Once we start receiving the quarterly inventory reconciliation reports, and current underground tank information from SS #7-0327, we can issue the 5-year permit.

I hope this clarifies the underground tank permitting status for these four stations. Please call me at 415/271-4320 if you have any questions.

Sincerely,

Cynthia Chapman

Cynthia Chapman
Hazardous Materials Specialist

cc: Jo Folger, Exxon
Tim Devens, Exxon
Scott Seery, Alameda County Environmental Health

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0358

September 18, 1990

Mr. R.R. Zeilinski
Texaco Refining & Marketing Inc.
100 Cutting Blvd.
Richmond, CA 94804

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

RE: Former Texaco at 2225 Telegraph Ave., Oakland 94612

Dear Mr. Zeilinski:

Upon reviewing the quarterly monitoring reports, some question was raised as to the disposition of the groundwater extraction and filtration effort taking place relating to the above site.

I have recently taken over this case from Dennis Byrne and would appreciate an update detailing the current status of the cleanup effort occurring at this site. Please submit to this office:

A summary of all work on this project completed since the approval letter was issued by our office on January 11, 1990.

A proposed time schedule for future work on this project.

Any analytical lab results from sampling since September 1989.

You are requested to respond to the above requests within 30 days of the receipt of this letter. If you have any questions please contact me at (415) 271-4320.

Sincerely,

Paul M. Smith
Hazardous Materials Specialist

cc:

Michael A. Sides/ Randolph Stone, Harding Lawson & Associates
Gil Jensen, Alameda County District Attorney, Office of
Consumer and Environmental Affairs
Lester Feldman, SFRWQCB

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



R0358 ~~R02532~~
~~R0217~~

Telephone Number: (415)

Certification Number P062 127 912

23 March 1990

R.R. Zielinski
Texaco Refining and Marketing Incorporated
100 Cutting Boulevard
Richmond, CA 94804

Subject: Ground Water Remediation at 2225 Telegraph Avenue, Oakland.

Dear Mr. Zielinski:

A review of our records indicate that no deposit has been submitted in regards to the ground water remediation project being conducted at the location listed above. Please submit to our office a check made payable to the County of Alameda for \$831.00.

This deposit is authorized by Section 3-141.6 of the Ordinance Code of the County of Alameda and is used to cover expenses incurred by Alameda County personnel in the discharge of their oversight duties associated with this project. Records are maintained of the time County employees commit to a project and the deposit is charged at an hourly rate. Upon the completion of the project the balance of the deposit will be returned to you.

In accordance with Section 3-141.6 (a) of the Ordinance Code of the County of Alameda, we request that this deposit be paid within ten days of the date upon which you receive this notification. Failure to meet this deadline will void all prior approval and render any further construction or remedial activity at this site unlawful.

If you have any questions concerning this matter, please call me at (415) 271-4320.

Sincerely,

Dennis J. Byrne
Hazardous Materials Specialist

cc: Mark Thompson, Alameda County District Attorney's Office,
Consumer and Environmental Protection Division
Lester Feldman, SFBRWQCB
Rafat Shahid, Assistant Director, Alameda County Department of
Environmental Health.
Dan Henniger, Harding Lawson Associates.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0358

11 January 1990

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

R.R. Zielinski
Texaco Refining and Marketing Incorporated
100 Cutting Boulevard
Richmond, CA 94804

Subject: Proposed Remedial Action at 2225 Telegraph Avenue,
Oakland.

Dear Mr. Zielinski:

This office has received and reviewed two documents relating to the above listed property. The first was a proposal for the implementation of a ground water treatment program and the second was a Quarterly Technical Report for the third quarter of 1989. Both of these documents were prepared by Harding Lawson Associates. It is the opinion of the Alameda County Department of Environmental Health, Hazardous Materials Division, that the lateral extent of the hydrocarbon contaminant plume associated with this site has been adequately defined and that the water treatment actions and cleanup goals specified in the remedial plan are appropriate. Consequently, approval is granted for the implementation of the ground water treatment process described in the Harding Lawson proposal dated 30 November 1989, pending the issuance of a discharge permit by the East Bay Municipal Utilities District.

If you have any questions concerning this matter, please contact me at (415) 271-4320.

Sincerely,

Dennis J. Byrne
Hazardous Materials Specialist

cc: Mark Thompson, Alameda County District Attorney's Office,
Consumer and Environmental Protection Agency.
Lester Feldman, SFBRWQCB
Randolph Stone, Harding Lawson Associates

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

R0358

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

(5)

August 28, 1989

Byron T. Hobbs, Vice President
SOTA Environmental Technology, Inc.
16980 Via Tazon, Suite 130
San Diego, CA 92127

Dear Mr. Hobbs:

As requested, a file search has been conducted for the area of one mile radius with 1970 Broadway Oakland being the center. The area was defined as being between 2nd and 34th Streets, North and South, and between Lakeshore Ave. and Adeline St., East and West on a Thomas Bros Map. Our files were reviewed for reported releases of hazardous materials or waste. This included any emergency response, underground tank release report or Prop. 65 report made to this Department.

The following reports were made to this department:

	07/02/87	601 Webster St.	Tear Gas
(R0151)	04/08/87	1700 Jefferson	Tank Release Gasoline
(R0463)	06/22/87	2528 Adeline	Tank Release 160ppm TPH in soil
(R0344?)	02/19/87	4th and Broadway	Tank Removal 25 gal. fuel oil
	03/10/87	1221 Broadway	Tank Release fuel oil
	12/13/88	13th & Franklin	Tank Release 29 gal. gasoline
	12/07/88	30 Bay Place	Tank Release waste oil
	06/25/88	774 West Grand	Tank Release gasoline
	03/22/88	39 - 4th St.	10 gal. fixer/devel. spilled
	03/21/88	Grand & Harrison	spilled white foaming liquid into Lake Merritt
	06/09/88	11th and Webster	EDB found at construction site
	01/21/88	515 Bay St.	Tank Release gasoline
	03/02/89	1764 - 13th St.	Tank Release diesel
	03/02/89	600 Fallon St.	Tank Release diesel pipe leak
(R0391)	03/02/89	500 Grand Ave.	Tank Release gasoline in monitoring well
(R0358)	03/02/89	2225 Telegraph	Tank Release product in monitoring well
(R018)	01/24/89	1310 - 14th St.	Tank Release gasoline/diesel
	02/13/89	600 Fallon St.	Tank Release diesel
(R0385)	03/14/89	404 Market	Spill petroleum naptha
	02/14/89	1769 - 13th St.	Tank Release gas/diesel/waste oil
(R01064)	04/03/89	255 - 27th St.	Spill 110 gals. hazardous liquid
(R09)	04/21/89	2800 Telegraph	Tank Release gasoline
(R01139)	04/21/89	822 Alice	Tank Release diesel

Byron T. Hobbs, Vice President
SOTA Environmental Technology, Inc.
16980 Via Tazon, Suite 130
San Diego, CA 92127
Page 2 of 2
August 28, 1989

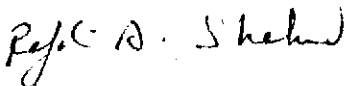
(R01082) 06/20/89	365 Hawthorne	Tank Release heating fuel
(R01033) 06/30/89	2735 Broadway	Tank Release waste oil
(R0954) 07/19/89	1 City Hall Plaza	Tank Release gasoline
(R01596) 08/11/89	2576 MLK, Jr. Way	Tank Release waste oil
(R0446) 08/21/89	330 Chestnut	Tank Release 75 ppm O&G in soil

This is limited to information available to this office and does not include any information available to other agencies or businesses which may be involved with these properties.

Please find enclosed, a copy of our invoice sent to our Billing Unit.

If you have any questions, please call Edgar Howell, Supv. Hazardous Materials Specialist at (415) 217-4320.

Sincerely,



Rafat A. Shahid, Chief
Hazardous Materials Program

RAS:mnc

cc: Edgar Howell, Alameda County Hazardous Materials
Files