

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



F

August 22, 2007

Mr. Nhi Letruong
2251 Charter Way
San Leandro, CA 94579-2781

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

Subject: Fuel Leak Case No. RO0000390, Exxon #7-0238 (Global ID # T0600101343), 2200 E 12th Street, Oakland CA

Dear Mr. Letruong:

In correspondence dated June 20, 2007, Environmental Resolutions Inc. (ERI) previously requested that you complete an access agreement with ExxonMobil that (i) enables ExxonMobil and their consultant, ERI, to perform the necessary work and (ii) is signed by all relevant parties. To date, you have not responded to this request.

Under the direction of this office, ExxonMobil is conducting an environmental investigation for a property located at 2200 E 12th Street, Oakland, CA. Groundwater contamination has been detected in a monitoring well near your property. The extent of the groundwater contamination is currently unknown but potentially could extend beneath your property. ACEH is requiring ExxonMobil to characterize the extent of contamination emanating from their site. ERI, on behalf of ExxonMobil, previously submitted an access agreement to you to allow exploratory borings at 2121 E 12th Street, Oakland, CA. It is imperative that this access agreement be resolved in order to define the extent of contamination and prevent future contaminant migration. This request is being made pursuant to California Health and Safety Code Section 25185.5 which states, "any authorized representative of the department may...enter and inspect any real property which is within 2,000 feet of a deposit of hazardous waste or a hazardous waste property and do any of the following:

- a) Obtain samples of the soil, vegetation, air, water, and biota on or beneath the land.
- b) Set up and maintain monitoring equipment for the purpose of assessing or measuring the actual or potential migration of hazardous waste on, beneath, or toward the land.
- c) Survey and determine the topography and geology of the land.

Owners of adjacent properties are generally not responsible for the cost of investigation and cleanup of contamination that migrates onto their property from an adjacent fuel leak site. However, owners of adjacent properties are expected to cooperate with the responsible party's investigation and cleanup activities to the extent that they are not experiencing undue hardship or alteration to their property. The Regional Water Quality Control Board may hold an uncooperative property owner responsible for investigation and cleanup costs if he or she refuses to provide reasonable access to a responsible party attempting to investigate and cleanup pollution that has moved onto adjacent sites. To date, you have not responded to repeated requests to provide reasonable access to your property. Therefore, unless we hear from you within 21 days, we will take steps to hold you responsible for investigation and cleanup costs for the contamination that has potentially migrated onto your property.

Mr. Nhi Letruong
August 21, 2007
Page 2

These requests are made pursuant to Water Code Section 13267, which allows ACEH to require technical reports from persons whose activities may have an impact on water quality. You may be subject to administrative civil liability of up to \$1,000 per day pursuant to Water Code Section 13268 if you fail to respond, respond late, or submit an inadequate response.

Please contact me at (510) 383-1767 or via email at <mailto:steven.plunkett@acgov.org> with any questions regarding this case.

Sincerely,



Steven Plunkett
Hazardous Materials Specialist

cc: Paula Sime
Environmental Resolutions, Inc.
601 North McDowell Blvd.
Petaluma, CA 94954

Jennifer Sedlachek
ExxonMobil Refining & Supply – Global Remediation
4096 Piedmont Avenue #194
Oakland, CA 94611

Robert Ehlers
Valero Refining Company
PO Box 696000
San Antonio, TX 78269

Satya Sinha
Chevron Environmental Management Company
6001 Bollinger Canyon Rd. K2256
San Ramon, CA 94583-2324

Aaron & Stanley Wong
Credit Auto
2200 E 12th Street
Oakland, CA 94606-4325

Donna Drogos, ACEH
Steven Plunkett, ACEH
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

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

May 24, 2007

Ms. Jennifer Sedlachek
ExxonMobil Refining & Supply – Global Remediation
4096 Piedmont Avenue #194
Oakland, CA 94611

Mr. Robert Ehlers
Valero Refining Company
PO Box 696000
San Antonio, TX 78269

Mr. Satya Sinha
Chevron Environmental Management Company
6001 Bollinger Canyon Rd. K2256
San Ramon, CA 94583-2324

Subject: Fuel Leak Case No. RO0000390, Exxon #7-0238, 2200 E 12th Street, Oakland CA

Dear Ms. Sedlachek and Messrs. Ehlers and Sinha

Alameda County Environmental Health (ACEH) staff have reviewed the fuel leak case file and the reports entitled, "Work Plan for Soil and Groundwater Investigation," dated April 10, 2007 and "Site Conceptual Model," dated March 14, 2007 prepared by Environmental Resolutions Inc (ERI). The scope of work as proposed in the Work Plan recommends the installation of seven soil boring down gradient of the former USTs and fuel dispenser island. ACEH generally concurs with the scope of work as recommended in the Work Plan provided the technical comments discussed below are implemented prior to the start of field work.

We request that you perform the proposed work, and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to steven.plunkett@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

- 1. Soil Boring Locations and Sampling.** Review of Plate 16 (Proposed Soil Boring Locations) from the Work Plan indicate the proposed soil borings have the same ID numbers as soil borings installed in a previous soil and groundwater investigation. Please rename the soil borings with unique identification numbers to distinguish them from soil borings installed during previous investigations. In addition, ACEH requests that one additional soil boring be located between SB17 and MW9H and soil boring SB19 should be moved from the current location to approximately 30 northwest of MW9H. In addition, ACEH generally agrees with the soil sample analysis recommended in the Work Plan.
- 2. Site Conceptual Model.** ACEH appreciates the submission of the Site Conceptual Model (SCM) for your site. After completion of the soil and groundwater investigation, please update the SCM with the results from the soil and groundwater investigation and prepare additional

cross sections that include the new soil boring locations and soil and groundwater analytical results.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Steven Plunkett), according to the following schedule:

August 1, 2007 –Soil and Groundwater Investigation Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10, 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail. Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Should you have any questions, please call me at (510) 383-1767.

Sincerely,



Steven Plunkett
Hazardous Materials Specialist

cc: Ms. Paula Sime
Environmental Resolutions Inc.
601 North McDowell Boulevard
Petaluma, CA 94954

Donna Drogos, ACEH, Steven Plunkett, ACEH, File

ALAMEDA COUNTY
HEALTH CARE SERVICES

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

January 17, 2007

Ms. Jennifer Sedlachek
ExxonMobil Refining & Supply – Global Remediation
4096 Piedmont Avenue #194
Oakland, CA 94611

Mr. Arron Wong and Mr. Stanley Wong
2200 East 12th Street
Oakland, CA 94606-4325

Mr. Satya Sinha
Chevron Environmental Management Company
6001 Bollinger Canyon Rd. K2256
San Ramon, CA 94583-2324

Subject: Fuel Leak Case No. RO0000390, Exxon #7-0238, 2200 E 12th Street, Oakland CA

Dear Ms. Sedlachek and Messrs. Wong and Sinha

Alameda County Environmental Health Department (ACEH) staff has reviewed the recently submitted report entitled, "Groundwater Monitoring Report, Second Quarter 2006". ACEH is concerned that tert-BUTYL ALCOHOL (TBA) present in groundwater monitoring wells MW-9A, MW-9B, MW-9C and MW-9I may indicate residual contamination in the source area is continuing to add mass to groundwater beneath the site.

Our review of historical water quality data indicates the presence of high concentrations of MtBE prior to installation of the Dual Phase Vapor Extraction (DPE) system in March 2004. In addition, recent water quality data for monitoring well MW-9I indicate the fluctuation in concentrations of TBA have varied by up to four orders of magnitude during one complete monitoring cycle, four quarterly monitoring events. The high concentrations of MtBE prior to the start up of the DPE system combined with more recent water quality data indicating high concentrations of TBA demonstrate that additional investigation downgradient of the site is warranted. Furthermore, the monitoring well array in its current configuration may not be adequate to properly characterize the contamination plume downgradient of the site.

We request that you prepare a work plan to address the following technical comments and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to steven.plunkett@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

1. **MtBE and TBA Plume Migration.** Prior to the installation and startup of the DPE system in 2004, high concentrations of MtBE were present in monitoring wells MW-9A, MW-9B, MW-9C, MW-9G and MW-9I at up to 53,000 µg/L, 42,100 µg/L, 150,000 µg/L, 11,000 µg/L and 62,000 µg/L, respectively. ACEH is concerned that the extent of the MtBE/TBA plume is undefined at your site. Furthermore, recent water quality data suggest that residual

undefined at your site. Furthermore, recent water quality data suggest that residual contamination in the source area may be continuing to add mass to the groundwater contamination plume. In particular, TBA concentrations in monitoring wells MW-9A, MW-9B have seen a decrease in TBA concentration by up to two orders of magnitude. However, TBA concentrations in monitoring well MW-9I have increased by three orders of magnitude. Please present a plausible explanation as to the fluctuations of TBA in groundwater in the Work Plan requested below.

MTBE is highly soluble and very mobile in groundwater and is not readily biodegradable. Conventional monitoring well networks currently installed at fuel leak sites are generally insufficient to properly locate and define the extent of MTBE plumes. MTBE plumes can be long, narrow, and erratic (meandering). In addition, MtBE plumes can appear as discontinuous slugs particularly for those releases that occurred during the use of MTBE as a wintertime oxygenate (the period 1991 to 1995 in northern California). Thus, the positioning of current monitoring well networks can miss the MTBE plume core, and monitoring well design can incorrectly reflect the severity of the release. Therefore, we request that you perform a detailed assessment to define and quantify the full three-dimensional extent of MTBE, Total Petroleum Hydrocarbons, Benzene, and other contamination in groundwater.

Discuss your proposal for performing this work in the Work Plan requested below. Report the results of your investigation in the Soil and Water Investigation (SWI) Report requested below.

2. **Preferential Pathway Study**

The purpose of the preferential pathway study is to locate potential migration pathways and conduits and determine the probability of the NAPL and/or plume encountering preferential pathways or conduits that could spread contamination.

We request that you perform a preferential pathway study that details the potential migration pathways and potential conduits (wells, utilities, pipelines, etc.) for horizontal and vertical migration that may be present in the vicinity of the site. Discuss your analysis and interpretation of the results of the preferential pathway study (including the detailed well survey and utility survey requested below) and report your results in the report requested below. Include an evaluation of the probability of the dissolved phase and NAPL plumes for all constituents of concern encountering preferential pathways and conduits that could spread the contamination, particularly in the lateral direction downgradient of your site. The results of your study shall contain all information required by 23 CCR, Section 2654(b).

a) **Utility Survey**

An evaluation of all utility lines and trenches (including sewers, storm drains, pipelines, trench backfill, etc.) within and near the site and plume area(s) is required as part of your study. Submittal of map(s) and cross-sections showing the location and depth of all utility lines and trenches within and near the site and plume area(s) is required as part of your study.

b) **Well Survey**

The preferential pathway study shall include a detailed well survey of all wells (monitoring and production wells: active, inactive, standby decommissioned (sealed with concrete), abandoned, (improperly decommissioned or lost); and dewatering and cathodic protection wells) within a 2000 foot radius of the subject site. The well survey should include well data from California Department of Water Resource well database and Alameda County Department of Public Works. Submittal of map(s) showing the location of all wells identified in your study, and the use of tables to report the data collected as part of your survey are required. Please refer to the Regional Board's guidance for identification, location, and evaluation of potential deep well conduits when conducting your preferential pathway study. Present the result from the preferential pathway study in the report requested below.

3. Project Approach and Investigation Reporting – Site Conceptual Model

We anticipate that characterization and remediation work in addition to what is requested in this letter will be necessary at and down gradient from your site. Considerable cost savings can be realized if your consultant focuses on developing and refining a viable Site Conceptual Model (SCM) for the project. A SCM is a set of working hypotheses pertaining to all aspects of the contaminant release, including site geology, hydrogeology, release history, residual and dissolved contamination, attenuation mechanisms, pathways to nearby receptors, and likely magnitude of potential impacts to receptors. The SCM is used to identify data gaps that are subsequently filled as the investigation proceeds. As the data gaps are filled, the working hypotheses are modified, and the overall SCM is refined and strengthened. Subsurface investigations continue until the SCM no longer changes as new data are collected. At this point, the SCM is said to be "validated." The validated SCM then forms the foundation for developing the most cost-effective corrective action plan to protect existing and potential receptors.

When performed properly, the process of developing, refining and ultimately validating the SCM effectively guides the scope of the entire site investigation. We have identified, based on our review of existing data, some initial key data gaps in this letter and have described several tasks that we believe will provide important new data to refine the SCM. We request that your consultant develop a SCM for this site, identify data gaps, and propose specific supplemental tasks for future investigations. There may need to be additional phases of investigations, each building on the results of the prior work, to validate the SCM. Characterizing the site in this way will improve the efficiency of the work and limit its overall cost.

Both industry and the regulatory community endorse the SCM approach. Technical guidance for developing SCMs is presented in API's Publication No. 4699 and EPA's Publication No. EPA 510-B-97-001 both referenced above; and "Guidelines for Investigation and Cleanup of MTBE and Other Ether-Based Oxygenates, Appendix C," prepared by the State Water Resources Control Board, dated March 27, 2000.

The SCM for this project shall incorporate, but not be limited to, the following:

- a) A concise narrative discussion of the regional geologic and hydrogeologic setting obtained from your background study. Include a list of technical references you reviewed,

and copies (photocopies are sufficient) of regional geologic maps, groundwater contours, cross-sections, etc.

- b) A concise discussion of the on-site and off-site geology, hydrogeology, release history, source zone, plume development and migration, attenuation mechanisms, preferential pathways, and potential threat to down gradient and above-ground receptors. Be sure to include the vapor pathway in your analysis. Maximize the use of large-scale graphics (e.g., maps, cross-sections, contour maps, etc.) and conceptual diagrams to illustrate key points. Geologic cross-sections, which include an interpretive drawing of the vertical extent of soil and groundwater contamination (i.e., an interpretive drawing—not a plot of laboratory results). The SCM report requested below is to include one cross section parallel and one cross section perpendicular to the contaminant plume axis. Each cross section should include, but not be restricted to, the following:
1. Subsurface geologic features, depth to groundwater and man-made conduits.
 2. Surface topography. The cross sections should be extended off-site where necessary to show significant breaks in slope.
 3. Soil descriptions for all borings and wells along the line of section.
 4. Screen and filter pack intervals for each monitoring well.
 5. Sampling locations and results for soil and grab groundwater samples.
 6. Site features such as the tank pit, dispensers, buildings etc. Where appropriate, monitoring well location and soil boring locations will be projected back to the strike of the cross section line.
- c) Identification and listing of specific data gaps that require further investigation during subsequent phases of work.
- d) Proposed activities to investigate and fill data gaps identified above.
- e) The SCM shall include an analysis of the hydraulic flow system at and down gradient from the site. Include rose diagrams for groundwater gradients. The rose diagram shall be plotted on groundwater contour maps and updated in all future reports submitted for your site. Include an analysis of vertical hydraulic gradients. Note that these likely change due to seasonal precipitation and pumping.
- f) Temporal changes in the plume location and concentrations are also a key element of the SCM. In addition to providing a measure of the magnitude of the problem, these data are often useful to confirm details of the flow system inferred from the hydraulic head measurements. Include plots of the contaminant plumes on your maps, cross-sections, and diagrams.
- g) Several other contaminant release sites exist in the vicinity of your site. Hydrogeologic and contaminant data from those sites may prove helpful in testing certain hypotheses for your SCM. Include a summary of work and technical findings from nearby release sites and incorporate the findings from nearby site investigations into your SCM.
- h) Plots of chemical concentrations vs. time and vs. distance from the source. Plots should be shown for each monitoring well, which has had detectable levels of contaminants

- i) Summary tables of chemical concentrations in each historically sampled media (including soil, groundwater and soil vapor).
- j) Boring and well logs (including construction/screening), and a summary table indicating construction specifications for each monitoring and extraction well.

Please report the information discussed above in your initial SCM and include it in the SCM Report requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Steven Plunkett), according to the following schedule:

- **February 15, 2006** – Preferential Pathway Study with Site Conceptual Model
- **February 30, 2006** – Soil and Groundwater Investigation Work Plan

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail. Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following:
"I declare, under penalty of perjury, that the information and/or recommendations contained in the

attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Should you have any questions, please call me at (510) 383-1767.

Sincerely,



Steven Plunkett
Hazardous Materials Specialist

cc: Ms. Paula Sime
Environmental Resolutions Inc.
601 North McDowell Boulevard
Petaluma, CA 94954

Donna Drogos, ACEH, Steven Plunkett, ACEH, File

ExxonMobil
Refining & Supply Company
Global Remediation

Jennifer C. Sedlachek
Project Manager

4096 Piedmont Avenue #194
Oakland, California 94611
510.547.8196
510.547.8706 Fax
jennifer.c.sedlachek@exxonmobil.com

ExxonMobil
Refining & Supply

September 28, 2004

Mr. Amir Gholami
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

RE: Former Exxon Service Station Sites Located in Alameda County.

Dear Mr. Gholami:

Effective September 20, 2004, Mr. Gene N. Ortega is no longer handling the oversight of these sites.

Former Exxon Service Station 7-0104, 1725 Park Street, Alameda, California - RO 448
Former Exxon Service Station 7-0235, 2225 Telegraph Avenue, Oakland, California - RO 358
Former Exxon Service Station 7-0238, 2200 East 12th Street, Oakland, California - RO 390 ✓
Former Exxon Service Station 7-3006, 720 High Street, Oakland, California - RO 491

I (Ms. Jennifer C. Sedlachek) am now the ExxonMobil Project Manager for these sites. Please direct all correspondences and inquiries regarding these sites to me at:

Phone: 510.547.8196
Fax: 510.547.8706

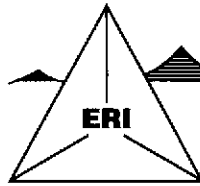
Address: 4096 Piedmont Avenue #194
Oakland, California 94611

Electronic Mail: Jennifer.C.Sedlachek@exxonmobil.com

Sincerely,



Jennifer C. Sedlachek
Project Manager



ENVIRONMENTAL RESOLUTIONS, INC.

20390

Alameda County

May 29, 2003
ERI 229312.L11

JUN 03 2003

Environmental Health

Mr. Aaron Wong
2200 East 12th Street
Oakland, California 94606

Subject: Notification of Remediation System Construction Activities, Former Exxon Service Station 7-0238, 2200 East 12th Street, Oakland, California.

Mr. Aaron Wong:

At the request of ExxonMobil Oil Corporation (ExxonMobil), Environmental Resolutions, Inc. (ERI) is notifying you of upcoming construction activities at the subject site. As part of the installation of the soil and groundwater remediation system, ERI will be completing the compound work and remediation equipment, and trenching through the subject site to hook up to dual-phase extraction (DPE) lines as required by the system. This work is anticipated to occur between June 16 and July 11, 2003, with the startup of the remediation system to occur during the week of July 14, 2003.

Please call Ms. Paula Sime, ERI's senior staff geologist for this site, at (415) 382-4324 with any questions.

Sincerely,
Environmental Resolutions, Inc.

Matthew T. Herman
Staff Engineer

Paula Sime
Senior Staff Geologist

cc: Mr. Gene Ortega, ExxonMobil Oil Corporation
Mr. Aaron Wong, Station Manager
Mr. Joseph A. Aldridge, Valero Energy Corporation
Mr. Amir Gholami, Alameda County Health Care Services Agency
Mr. Chuck Headlee, California Regional Water Quality Control Board, San Francisco Bay Region

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

April 3, 2003

Mr. Gene Ortega
ExxonMobil Oil Company
2300 Clayton Road, Suite 250
Concord, CA 94520

Dear Mr. Ortega:

**Subject: Wong's Exxon, R00000390, 2200 E.12th St.Oakland
CA 94606**

Hi Paula:

I have reviewed the files regarding the above referenced site. I have also left a message for your consultant approving ERI's Corrective Action Plan Addendum (CAP Addendum) concerning the above referenced site dated February 14 2003. Per my phone call regarding ERI's Corrective Action Plan Addendum (CAP Addendum) for Former Exxon Service Station located at 2200 East 12th Street, Oakland, California, dated February 14, 2003, has been approved. You may proceed with the permitting process necessary to install wells DPE1 through DPE4.

Please call me at (510) 567-6876 if you have any questions.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

C:Ms. Paula Sime, ERI, 73 Digital Drive, Suite 100, Novato
CA 94949-5791

D. Drogos, A. Gholami

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

June 3, 2002

Mr. Gene Ortega
ExxonMobil Oil Company
2300 Clayton Road, Suite 250
Concord, CA 94520

Dear Mr. Ortega:

Subject: Fuel Leak Site No. RO0000390, 2200 E. 12th St., Oakland CA 94606

Alameda County Environmental Health, Local Oversight Program (LOP), has recently reviewed the files for the referenced site up to and including the May 24, 2002 Second Quarter 2002 Monitoring Report and determined that additional information is needed to progress this case to closure. Please address the following technical comments.

Technical Comments

1. It appears that our office has not responded to the Dual-Phase Extraction Feasibility Test Report and Conceptual Corrective Action Plan dated 9/19/01, therefore, this letter formally approves the recommended CAP. This includes the over-drilling of MW9B, MW9C and MW9I and the installation of DPE wells within these wells in addition to DPE1.
2. Your May 24, 2002 report states that the DPE system installation is planned for 2003. Because of the consistent elevated TPHg and MTBE at this site, our office requests that until the DPE system is installed, regular (monthly?) DPE from a mobile treatment unit should be performed from the highly impacted on-site wells.
3. Please run EPA Method 8260 more frequently on impacted wells to confirm the presence of MTBE. There is not enough confirmation analytical data to state the accuracy of concentrations currently being reported by EPA Method 8021. In addition, please run the impacted wells for the following EPA Method 8260 analytes: TAME, ETBE, DIPE, TBA, EDB and EDC.
4. As noted in the May 24, 2002 report, since changing analytical laboratories, significant changes in reported TPHg and MTBE concentrations have been observed. Please clarify the way these analytes are quantified by the laboratory and explain the recent trends observed in both TPHg and MTBE.

Please provide your response to these technical comments in your Third Quarter 2002 Monitoring Report, which should be submitted no later than August 30, 2002.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

cc: B. Chan, files

Ms. Paula Sime, ERI, 73 Digital Drive, Suite 100, Novato, CA 94949-5791

02con2200E12thSt

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



September 10, 2001
StID #245/ RO0000390

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

Mr. Gene Ortega
Exxon-Mobil Environmental Remediation
2300 Clayton Road, Suite 1250
P.O. Box 4032
Concord, CA 94524-4032

**Re: Environmental Investigation at Former Exxon RAS #7-0238, 2200 E. 12th St.,
Oakland CA 94606**

Dear Mr. Ortega:

Our office has received and reviewed the September 6, 2001 Quarterly Groundwater Monitoring Report, Third Quarter 2001 for the referenced service station. Consistent with past monitoring results, elevated MTBE concentrations in groundwater continue to persist. As you may be aware, our office met with Mr. Darin Rouse regarding this site in March 2000 to address this issue. In addition, we clarified the minimum Title 23 reporting requirements for technical reports. Exxon-Mobil proposed groundwater extraction from several of the wells and the later in October 2000 submitted a work plan to perform a dual-phase extraction test. This work was approved and in January 2001 two vapor points were installed for this test. In addition, a site conceptual model (SCM) was requested in the March 2000 meeting.

At this time, our office requests the following action/information:

- No changes in your monitoring reports have been observed. Please incorporate in all future monitoring reports, past and future actions that have or are scheduled for the site. An interpretation of the monitoring results should be provided as well as a recommendation for future actions.
- What is the status of groundwater extraction from site wells? How much if any groundwater has been removed from the monitoring wells and what frequency is it being removed?
- What is the status of the dual-phase extraction test and when will our office receive a technical report? What is/are your recommended remediation?
- When will the Site Conceptual Model (including recommendations) be submitted?

Please respond to this letter in writing within 30 days or no later than October 12, 2001.
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. S. Thompson, 73 Digital Drive, Suite 100, Novato, CA 94949-5791

Req2200E12thSt

Site update bc 3/9/01

Edit Site

Edit Save Add new Delete Reset

SITE ID: 245		SOURCE OF FUNDS: F	SUBSTANCE : 8006619
SITE NAME: Wong's Exxon #7-0238			DATE REPORTED : 05/31/1988
SITE ADDRESS: 2200 E 12th St			DATE CONFIRMED: 05/31/1988
CITY: Oakland		ZIP CODE: 94606	MULTIPLE RPs : Y
CASE TYPE: O	CONTRACT STAT: 7	PRIORITY: 3A2	DATE ER:
RP SEARCH : S		DATE END: 05/06/1992	
PRELIM ASSESSMENT : C	DATE BEGIN: 05/01/1988	DATE END: 05/11/1990	
REMEDIAL INVEST : C	DATE BEGIN: 05/11/1990	DATE END: 10/22/1990	
REMEDIAL ACTION : U	DATE BEGIN: 09/04/1991	DATE END:	
POST REMED MONITOR:	DATE BEGIN:	DATE END:	
ENFORCEMENT TYPE: 1	DATE ENFORCEMENT ACTION TAKEN: 05/06/1992		
LUFT CATEGORY: 3HSCAWG	CASE CLOSED:	DATE CASE CLOSED:	
DT EXC START : 09/04/1991	REMEDIAL ACTIONS TAKEN: ED,ET		

PgDn for Screen #2

[ESC] Done [F2] Clear field [Shift-F2] Clear to end [Shift-F10] More
Form: SITE Table: SITE Field: StID Page: 1

STID: 245

UNDERGROUND STORAGE TANK CLEANUP SITE - SCREEN #2

IN-HOUSE MANAGEMENT:

RISK ASSESSMENT : LOC-CleanUp Fund? 01/06/1998
DATE LAST CORSP : 02/24/1999 INSPECTOR INIT: BC

CONTACT/RESPONSIBLE PARTY INFORMATION:

RP #1: CONTACT: Mr. R. Zielinski RP COST: \$0.00
RP COMPANY NAME: Texaco Ph:
ADDRESS: 100 Cutting Blvd.
CITY/ST/ZIP: Richmond, C A 94804

COMMENT: MTBE=50,000 ppb apparently limited to onsite. Offsite wells f
rom 50-100' downgradient of site have not detected MTBE. Its
possible that this release may be the result of a leak in the

PgUp For Screen #1;PgDn For More RP'S

[ESC] Done [F2] Clear field [Shift-F2] Clear to end [Shift-F10] More
Form: SITE Table: SITE Field: FlagDate Page: 2

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

October 16, 2000
StID # 245

Mr. Darin Rouse
ExxonMobil-Environmental Remediation
2300 Clayton Road, Suite 1250
P.O. Box 4032
Concord, CA 94524-4032

Re: Work Plan for Dual-Phase Extraction Pilot Test at 2200 E. 12th St., Oakland CA 94606

Dear Mr. Rouse:

Our office has received and reviewed the October 2, 2000 work plan referenced above as prepared by Environmental Resolutions, Inc., (ERI), your consultant. This work plan proposes to install two vapor points VP1 and VP2 to be used as observation wells and to use wells MW9B, MW9C and well MW9I as extraction wells. Using a liquid-ring pump both fluids and vapor will be extracted separately or combined from these wells. A five day test is proposed from which vacuum radius of influence, groundwater capture zone, groundwater draw-down, optimal flow rates, appropriate abatement method and estimated petroleum removal rate may be determined.

This work plan is approved. It is assumed that either or both of these extraction methods will be the recommended remediation approach, even though a formal feasibility study for the site has not yet been done. In the event that this process is not successful, please provide an alternative corrective action plan.

During the extraction test, the vapor stream is proposed to be monitored by a PID instrument. Please use a FID instrument, since the main contaminant, MTBE, response to FID is much greater than to a PID instrument.

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. J. Chappel, ERI, 73 Digital Driv, Suite 100, Novato CA 94949-5791

Extwp2200E12

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



August 30, 2000
StID # 245

Mr. Darin Rouse
ExxonMobil - Environmental Remediation
2300 Clayton Road, Suite 1250
P.O. Box 4032
Concord, CA 94524-4032

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

Re: Former Exxon RAS #7-0238, 2200 E. 12th St., Oakland CA 94606

Dear Mr. Rouse:

Our office has received and reviewed the second and third quarter 2000 groundwater monitoring reports for the above referenced site. As you may recall, this site has experienced a significant MTBE release, which is the main chemical of concern. There is also indication that the MTBE plume has migrated off-site. Concentrations up to 44,000 ppb MTBE were reported in MW9C in the 7/00 monitoring event. Elevated concentrations have been detected in this well since the beginning of testing the wells for MTBE, 3/98. These concentrations will require remediation to remove the MTBE source as recommended in the SWRCB's final draft of the **Guidelines for Investigation and Cleanup of MTBE and Other Ether-Based Oxygenates**.

In the second quarter groundwater monitoring report, you stated that a site conceptual model (SCM) is being developed for this site. In addition, you stated that ERI had submitted a groundwater discharge permit for feasibility testing, which was to be implemented during the third quarter. In the third quarter report, you stated that the dual-phase pilot test is scheduled for October 2000. I have since spoke with Mr. James Chappell of ERI. My concern is that our office has not been notified of the details of the proposed dual-phase pilot test. A Corrective Action Plan (CAP) or Feasibility Study (FS) has never been provided. It was assumed that this information would be incorporated into your SCM. Mr. Chappell was not certain on the details of the pilot test, therefore, I am requesting the submittal of your work plan for the dual-phase pilot test. You should also provide your rationale for selecting this remediation approach.

Please submit your work plan to our office within 30 days or no later than October 2, 2000.

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. J. Chappell, ERI, 73 Digital Drive, Suite 100, Novato, CA 94949-5791

PTwp2200 E12

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL PROTECTION

1131 Harbor Bay Parkway

Alameda, CA 94502-6577

(510) 567-6700

(510) 337-9432

January 14, 2000

StID #245

Mr. Darin Rouse
Exxon Company, USA
P.O. Box 4032
Concord, CA 94524-4032

Re: Exxon Station #7-0238, 2200 E. 12th St., Oakland CA 94606

Dear Mr. Rouse:

Our office has received and reviewed the January 5, 2000 Fourth Quarter 1999 monitoring report for the above site as prepared by your consultant, Environmental Resolutions, Inc. My first impression with these results is the significant decrease in MTBE concentration in the majority of wells. Since MTBE is known to be recalcitrant to natural bio-degradation, it is not clear what is the cause for this decrease.

This observation leads to our office's request for your monitoring reports to be more comprehensive. The report should be much more than a cover letter attached to your consultant's report. Perhaps you may need to instruct your consultant to address my concerns, rather than submitting a cover letter attached to the sampler's report. Nevertheless, your monitoring reports, in accordance with Title 23, Section 2652 of the Underground Storage Tank Regulations, should include the following:

- There must be an update on the remedial actions to date
- You should describe what actions were done during the past quarter
- Describe what will be done during the next quarter

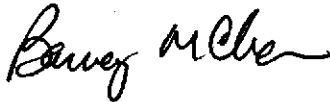
In addition, the report should also include a brief site history, an interpretation of the results including plots of concentrations over time and vs groundwater elevation, plots of bio-indicator parameters, groundwater gradient maps with equipotential lines and a sampling data sheet for each well with pH, purge volume, conductivity, temperature and physical observations. Of importance is your interpretation of results, which may help in determining what remedial approach will be selected.

I am also aware that your consultant is working on a Site Conceptual Model (SCM), a requirement for MTBE impacted sites such as this. Your reports should also give an update on the status of your SCM.

Please modify your future reports to reflect these requirements. You may contact me at (510) 567-6765 if you have any questions.

Mr. Darin Rouse
Exxon Station 7-0238
2200 E. 12th St., Oakland CA 94606
StID #245
January 14, 2000
Page 2.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Mr. J. Chappel, ERI, 73 Digital Drive, Suite 100, Novato, CA 94949-5791

2200e12

245

State of California
Department of Water Resources
Central District
3251 S Street
Sacramento, CA 95816-7017

WELL DRILLER'S REPORTS
INSPECTION REQUEST AND AGREEMENT

Project: EXXON SERVICE STATION 7-0238
Location: 2220 EAST 12th STREET, OAKLAND, CA
County: ALAMEDA Contract Number: _____

Request is made pursuant to Section 13751 of the California Water Code for permission to inspect or copy Water Well Driller's Reports which are on file in your office.

In accordance with the requirements of Section 13752 of the Water Code, it is stipulated and agreed that such reports, or any copy or copies made thereof, will not be made available for inspection by the public but will be used solely by this governmental agency for making studies. If copies are made or taken, each copy will be stamped "CONFIDENTIAL" or "FOR OFFICIAL USE ONLY" and will be kept in a restricted file, access to which is limited to the staff of this governmental agency or to its contracted agents. Any copies furnished to contracted agents must be returned to the Department of Water Resources, Central District upon completion of work by the contracted agent.

No information contained in these reports can be disseminated or published without the written permission of the owner of the well.

ENVIRONMENTAL RESOLUTIONS, INC.
Contracted Agent

ALAMEDA COUNTY ENVIRONMENTAL HEALTH SERVICES
Governmental Agency

73 DIGITAL DRIVE SUITE 100
Address

1131 HARBOR BAY PARKWAY, SUITE 250
Address

NOVATO CA 94949
City, State, & Zip Code

ALAMEDA, CA 94502-6577
City, State, & Zip Code

By CARL W. MURKICH
Officer

By Barney M. Chan Barney M Chan
Officer

SENIOR TECHNICIAN
Title

Hazardous Materials Specialist
Title

(415) 382-4330
Telephone

(510) 567-6765
Telephone

12-13-99
Date

12-13-99
Date

FACSIMILE COVER SHEET

TO: Barney M. Chan
COMPANY: Alameda County Environmental Health Services
PHONE: (510) 567-6765
FAX: (510) 337-9335

FROM: Carl W. Miklich
COMPANY: ENVIRONMENTAL RESOLUTIONS, INC.
PHONE: (415) 382-4330
FAX: (415) 382-1856

DATE: December 13, 1999
PAGES: 2 (includes cover)

SUBJECT: Well Driller's Reports Request Form

COMMENTS:

As per our conversation this morning, I am sending this form for your signature. This allows us to have access to the records for starting the Sensitive Receptor Survey. Feel free to call me with any questions.

Please return via fax.

Thanks again for your help in this matter.

Sincerely,

Carl

COM No.	REMOTE STATION	START TIME	DURATION	PAGES	RESULT	USER ID	REMARKS
548	14153821856	12-13 14:28	00' 32	01/01	OK		

7499402046

12/13/99 11:03 FAX

E.R.I.

002

To: Carl Miklien
From: B. Chan

State of California
Department of Water Resources
Central District
3251 5 Street
Sacramento, CA 95816-7017

**WELL DRILLER'S REPORTS
INSPECTION REQUEST AND AGREEMENT**

Project: EXXON SERVICE STATION 7-0238
Location: 2220 EAST 12TH STREET, OAKLAND, CA
County: ALAMEDA Contract Number: _____

Request is made pursuant to Section 13751 of the California Water Code for permission to inspect or copy Water Well Driller's Reports which are on file in your office.

In accordance with the requirements of Section 13752 of the Water Code, it is stipulated and agreed that such reports, or any copy or copies made thereof, will not be made available for inspection by the public but will be used solely by this governmental agency for making studies. If copies are made or taken, each copy will be stamped "CONFIDENTIAL" or "FOR OFFICIAL USE ONLY" and will be kept in a restricted file, access to which is limited to the staff of this governmental agency or to its contracted agents. Any copies furnished to contracted agents must be returned to the Department of Water Resources, Central District upon completion of work by the contracted agent.

No information contained in these reports can be disseminated or published without the written permission of the owner of the well.

ENVIRONMENTAL RESOLUTIONS, INC.
Contracted Agent

ALAMEDA COUNTY ENVIRONMENTAL HEALTH SERVICES
Governmental Agency

73 DIGITAL DRIVE SUITE 100
Address

1131 HARBOR BAY PARKWAY, SUITE 250
Address

NOVATO CA 94949

ALAMEDA, CA 94502-6577

COM No.	REMOTE STATION	START TIME	DURATION	PAGES	RESULT	USER ID	REMARKS
549	14153821856	12-13 14:25	00' 32	01/01	OK		

7499402046

12/13/99 11:03 FAX

E. R. I.

002

To: Carl Miklich
 From: B. Chan

State of California
 Department of Water Resources
 Central District
 3251 S Street
 Sacramento, CA 95818-7017

**WELL DRILLER'S REPORTS
 INSPECTION REQUEST AND AGREEMENT**

Project: EXXON SERVICE STATION 7-0238
 Location: 2220 EAST 12th STREET, OAKLAND, CA
 County: ALAMEDA Contract Number: _____

Request is made pursuant to Section 13751 of the California Water Code for permission to inspect or copy Water Well Driller's Reports which are on file in your office.

In accordance with the requirements of Section 13752 of the Water Code, it is stipulated and agreed that such reports, or any copy or copies made thereof, will not be made available for inspection by the public but will be used solely by this governmental agency for making studies. If copies are made or taken, each copy will be stamped "CONFIDENTIAL" or "FOR OFFICIAL USE ONLY" and will be kept in a restricted file, access to which is limited to the staff of this governmental agency or to its contracted agents. Any copies furnished to contracted agents must be returned to the Department of Water Resources, Central District upon completion of work by the contracted agent.

No information contained in these reports can be disseminated or published without the written permission of the owner of the well.

ENVIRONMENTAL RESOLUTIONS, INC.
 Contracted Agent

ALAMEDA COUNTY ENVIRONMENTAL HEALTH SERVICES
 Governmental Agency

73 DIGITAL DRIVE SUITE 100
 Address

1131 HARBOR BAY PARKWAY, SUITE 250
 Address

NOVATO CA 94949

ALAMEDA, CA 94502-6577

Tracy Faulkner, Peter Petros
+ M. Brunsler

#245

2200 E 12th St 94606

- elevated MTBE
- response to my 2/24/99 letter?
- will consider pumping from wells & from UST pit (if exists)

-
- will perform conduit study
 - * prepared for long term monitoring
 - will confirm no on going leak in UST system

1068

6600 E 14th St - 21

- clarify method for D.O. measurement. Not going to use D.O. Rds
- best - purge & draw hole field measurement
- * going to do a rose gradient diagram
- really need offset borings + gw sampling
- need an explanation of where MTBE is going.

will do conduit study 1st & then propose a row of hydro punches along south side of E 14th.

* do what transmissibility from pump test determine where hydro punches are best located

Requested this info
from Barbara Coesen

make, model + specifications

- Tank
Piping
sewer
- ① Need specific manufacturer's description of ~~all~~ tank + all accessories to be installed, including sensors).
include drawings
 - ② indicating slope of tank + piping
 - ③ Submit as bucket drawings at 30 days of tank installation
 - ④ Will dead men or hold down anchors be used if so submit calculations Sign by a Ct reg prof eng.
 - ⑤ overflow protection box must be 15 gal minimum.
 - ⑥ Site safety plan must be submitted (the same as for removal is ok) when they modify their ER plan as requested on removal form.

FLORENCE M. LO
STATEWIDE INVESTMENT & CREDIT CORP.
840 TARAVAL ST SUITE 18
SAN FRANCISCO, CA 94116

PHONE 415 682 2828 x306

PAGER 415 804 6788

FAX 415 682 2838

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

February 24, 1999
StID # 245

Ms. Marla Guensler
Exxon Company, USA
P.O. Box 4032
Concord, CA 94524-4032

Re: Exxon RAS 7-0238, 2200 E.12th St., Oakland CA 94606

Dear Ms. Guensler:

Our office has received and reviewed the January 28, 1999 Fourth Quarter 1998 groundwater monitoring report for the above site as prepared by Environmental Resolutions, Inc. The results of this monitoring event reveal the consistent presence of elevated MTBE in wells MW9B, MW9C and MW9I. Historical monitoring data indicates that this release occurred on approximately March or April 1998. These results also indicate that unlike typical petroleum hydrocarbons, natural attenuation is not observed.

For sites such as this, with elevated MTBE concentration in the absence of elevated gasoline, our office requests the following actions:

- Determination of the extent of the MTBE plume
- Determination if any preferential pathways exist
- Verification of the absence of a current leak condition in the UST system

Please provide a response to these requirements in your next monitoring report.

Secondly, as you are aware, without some type of remediation of current conditions, no improvement of groundwater conditions is expected. Long term monitoring in some fashion would be required for this site. Given this scenario, please confirm if Exxon is committed to this or is willing to expedite closure by performing active remediation.

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. M. Dockum, ERI, 74 Digital Drive, Suite 6, Novato, CA 94949

MTBE-2200E12

Press [ESC] for the menu

ENVISION UPDATED

UNDERGROUND STORAGE TANK CLEANUP SITE

-LOP:A-TRemov:A-SLIC:--

SITE ID: 3284	SOURCE OF FUNDS: F	SUBSTANCE :8006619
SITE NAME: Former Cooper Tire Shop		DATE REPORTED :08/14/1996
SITE ADDRESS: 1200 E 12th St		DATE CONFIRMED:08/14/1996
CITY: Oakland	ZIP CODE: 94606	MULTIPLE RPs : N

CASE TYPE: U CONTRACT STAT: 4 PRIORITY: 3B2 DATE ER:-0-

RP SEARCH : s	DATE END: 10/07/1998
PRELIM ASSESSMENT : -	DATE BEGIN: -0- DATE END: -0-
REMEDIAL INVEST : -	DATE BEGIN: -0- DATE END: -0-
REMEDIAL ACTION : -	DATE BEGIN: -0- DATE END: -0-
POST REMED MONITOR: -	DATE BEGIN: -0- DATE END: -0-

ENFORCEMENT TYPE: 1	DATE ENFORCEMENT ACTION TAKEN: 10/07/1998
LUFT CATEGORY: 2,h,s,c	CASE CLOSED: - DATE CASE CLOSED: -0-
DT EXC START : 07/23/1996	REMEDIAL ACTIONS TAKEN: ED-

PgDn for Screen #2

[ESC] Done [F2] Clear field [Shift-F2] Clear to end [Shift-F10] More
 Form: SITE Table: SITE Field: Source Page: 1

STID: 3284

UNDERGROUND STORAGE TANK CLEANUP SITE - SCREEN #2

IN-HOUSE MANAGEMENT:

RISK ASSESSMENT :-0-	LOC-CleanUp Fund? -0-
DATE LAST CORSP :05/18/1999	INSPECTOR INIT: BC

CONTACT/RESPONSIBLE PARTY INFORMATION:

RP #1: CONTACT: Mr. Robert Baston	RP COST: \$0.00
RP COMPANY NAME: N / A	Ph: -0-
ADDRESS: 61 Skyway Lane	
CITY/ST/ZIP: Oakland C A 94619	

COMMENT: MTBE=ND, from grab gw samples from borings, no wells installed as yet (4/2000)

PgUp For Screen #1;PgDn For More RP'S

[ESC] Done [F2] Clear field [Shift-F2] Clear to end [Shift-F10] More
 Form: SITE Table: SITE Field: FlagDate Page: 2

Transfer of Eligible Local Oversight Case

STID 3284 Date of Input/By: 10/6/98

Date: 10/6/98 From: B. Chan
Site Name: Former Cooper Tire Shop
Address: 1200 E. 12th St City: Oakland Zip: 94606

To be eligible for LOP, case must meet 3 qualifications:

1. N Tanks Removed? # of removed? 2 Date removed: 7/23/96
2. N Samples received? Contamination level: 760 ppm
Type of test TPH + ND, 0.59, 4, 9.1 ppm BTEX
Contamination should be over 100 ppm TPH to qualify for LOP
3. N Petroleum? Circle Type(s):
 Avgas leaded unleaded fuel oil jet
 diesel waste oil kerosene solvents

Procedure to follow should your site meet all the above qualifications:

1. a. Close the deposit refund case. *acct in arrears \langle 367.64 \rangle*
b. Account for ALL time you have spent on the case.
c. Turn in account sheet to Leslie.

If there are funds still remaining it is still better to transfer the case to LOP as the rate for LOP allows more overhead. DO NOT attempt to continue to oversee the site simply because there are funds remaining!

Remaining DepRef \$'s: _____

DepRef Case Closed with Candyce/Leslie? N (If no, explain why below.)

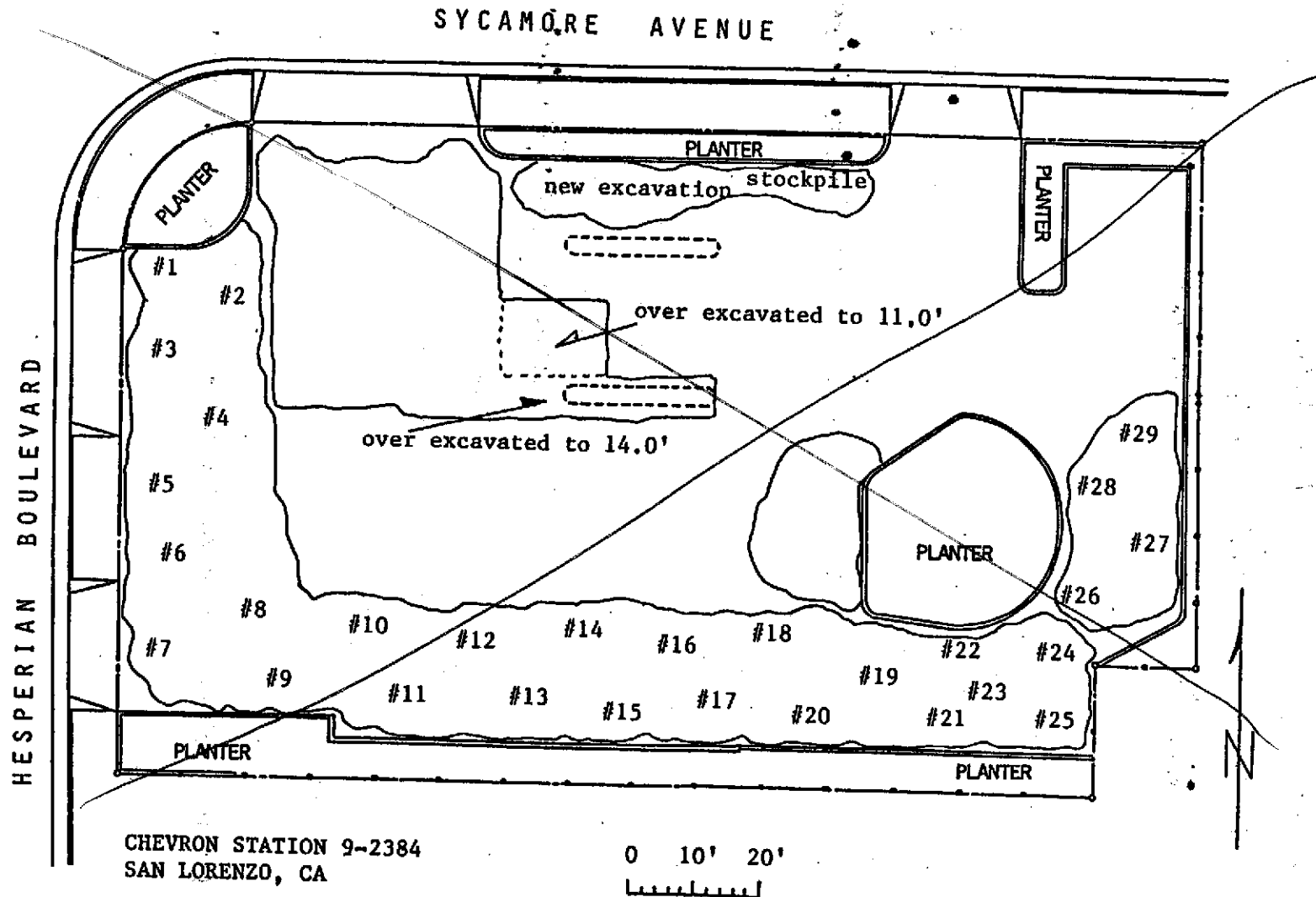
acct in arrears, on 10/5/98 sent out 2nd request for outstanding balance

2. Submit the completed A and B permit application forms to NORMA.
3. Give the entire case to the proper LOP staff.

Leslie, *10/6/98*
Pls transfer to LOP
Thanks,
Barney

VISIT Q

November 1, 1991 / 911101-C-1



ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

September 21, 1998
StID # 245

Ms. Marla Guensler
Exxon Company, USA
P.O. Box 4032
Concord, CA 94524-4032

Re: Exxon RAS #7-0238, 2200 E. 12th St., Oakland CA 94601

Dear Ms. Guensler:

I have received and reviewed the September 2, 1998 Quarterly Monitoring report for the above site. It was noticed that the items mentioned in my prior, July 2, 1998 letter, were not addressed. I have enclosed a copy of this letter for your reference. Specifically, our office remains concerned about the elevated levels of MTBE found in the majority of on-site wells. My prior letter requested that you monitor both the off-site and on-site wells, evaluate potential remediation approaches for the MTBE plume and make every effort to determine its source. The need to determine off-site plume migration is critical to determining if further site characterization or active remediation is required.

Please respond to these items prior to and include your response in the next groundwater monitoring report. Each monitoring report should include a discussion of the analytical results and a list of recommendations for action in the next quarter. Please inform me if you need any assistance in obtaining the appropriate permits to perform the off-site monitoring.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

Enclosure (Ms. Guensler, Mr. Dockum)

C: B. Chan, files

Mr. Mark Dockum, ERI, Inc., 74 Digital Drive, Suite 6, Novato, CA 94949

2MTBE2200

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



July 2, 1998
StID # 245

Ms. Marla Guensler
Exxon Company, USA
P.O. Box 4032
Concord, CA 94524-4032

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

Re: Exxon RAS #7-0238, 2200 E. 12th St., Oakland CA 94601

Dear Ms. Guensler:

Our office has received and reviewed the Second Quarter 1998 groundwater monitoring report for the above site. As you are aware, this site has experienced a significant release of MTBE with concentrations as high as 150,000 ppb being found in monitoring well MW9C. In addition, all wells at the site except the upgradient well, MW9D, have also exhibited MTBE at elevated concentrations (18-53 ppm). Mr. Marc Briggs, formerly of Environmental Resolutions Inc., (ERI), had wanted to discuss this site and solicit recommendations from our office. I have just spoke with Ms. Tracy Faulkner of ERI and we discussed this site. The following is a brief summary of our thoughts:

- It is not clear what type of remediation should be done given these levels of MTBE. This depends on a number of variables ie use of shallow groundwater in this part of Oakland, the type of geology present, potential of off-site migration and the presence of sensitive receptors.
- At this time, at a minimum, our office requires the monitoring of all wells, both on- and off-site for this parameter. The off-site wells will be located, permits obtained and sampled on a quarterly basis. Please justify any reduction or elimination of testing for TPHg and BTEX.
- Remedial approaches including hydrogen peroxide/catalyst addition et al will be evaluated.
- Every attempt should be made to determine the source of the MTBE plume. Several scenarios have been proposed to account for the release. If this wasn't the result of a one-time release, the underground tank system should be evaluated and tested for integrity.

Your next monitoring report should include sample results for all wells and propose an evaluation of the need to implement further site characterization or remediation.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Ms. T. Faulkner, ERI, 74 Digital Drive, Suite 6, Novato, CA 94949

Mtbe2200

BC

P. O. Box 4032
Concord, CA 94524-4032
Phone: 510-246-8776
Fax: 510-246-8798

ENVIRONMENTAL
PROTECTION

Exxon Company, U. S. A.

98 MAR 16 AM 10: 25

FOUO

SDM 245

*I changed contact
& address*

Fax

To: Mr. Tom Peacock

From: Marla D. Guensler *MD Guensler*

Fax: 9,337-9335

Date: March 11, 1998

Phone:

Pages: 3

Re: Exxon/Texaco Environmental Case

CC:

Transfers

Urgent For Review Please Comment Please Reply Please Recycle

•Comments: The following letters will also be forwarded via certified mail.

RO 390

EXXON COMPANY, U.S.A.
MARKETING • FUEL PRODUCTS
BUSINESS SERVICES • ENVIRONMENTAL ENGINEERING
P. O. Box 4032 • Concord, California 94524-4032

Marla D. Guensler
Senior Engineer

(510) 246-8776
(510) 246-8798 Facsimile

March 11, 1998

VIA FACSIMILE
ORIGINAL VIA CERTIFIED MAIL

Mr. Tom Peacock
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

Dear Mr. Peacock:

Subject: Exxon RAS #7-0238/Former Texaco Station, 2200 East 12th St., Oakland, CA

This letter is to inform you that Exxon Company, U.S.A. (Exxon), and Texaco Refining and Marketing, Inc. (Texaco) have entered into an agreement effective February 1, 1998 regarding the environmental case at the subject site. Exxon will be the lead responsible party for the case at this site from this point forward. Please forward all future correspondence to Exxon at the following address:

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

For overnight packages, please send to:
2300 Clayton Road, Suite 640
Concord, CA 94520

Exxon's environmental consultant will be Environmental Resolutions, Inc. (ERI) of Novato, California. ERI's contact is Ms. Tracy Faulkner, who can be reached at (415) 382-9105.

As a result of the case transfer to Exxon, the ownership of all ground water wells on the site will transfer to Exxon. In addition, any existing permits, encroachment, discharge, or other, will be transferred in the near future.

A meeting may be appropriate to discuss the case history, and to address any concerns that your office or Exxon may have. If you have any questions, please contact me at (510) 246-8776.



Page 2

March 11, 1998

Subject: Exxon RAS #7-0238/Former Texaco Station, 2200 East 12th St., Oakland, CA

Sincerely,

A handwritten signature in black ink, appearing to read "Marla D. Guensler". The signature is fluid and cursive, with a long horizontal stroke at the end.

Marla D. Guensler
Senior Engineer

MDG/mg

cc: Ms. Tracy Faulkner - ERI
Mr. L. W. Lindeen
Mr. R. R. Palmer
Ms. Deborah Pryor
Mr. Eddy So - San Francisco Bay RWQCB



Ca/EPA

**State Water
Resources
Control Board**

**Division of
Clean Water
Programs**

Mailing Address:
P.O. Box 944212
Sacramento, CA
94244-2120

2014 T Street,
Suite 130
Sacramento, CA
95814
(916) 227-4307
FAX (916) 227-4530

World Wide Web
<http://www.swrcb.ca.gov/~cwphome/fundhome.htm>

STATEWIDE
PROTECTION

98 JAN 12 AM 8:50



Pete Wilson
Governor

JAN 6 1998

245
BC

Ms. Feryal Sarrafian
Texaco R & M, L.A. Div.
10 Universal City Plz 7th Fl
Universal City, CA 91608-7812

**UNDERGROUND STORAGE TANK CLEANUP FUND, CLAIM NO. 6199, FOR SITE
ADDRESS: 2200 12TH ST E, OAKLAND 94606**

The State Water Resources Control Board (State Board) is able to issue, pursuant to applicable regulations, the enclosed Letter of Commitment (LOC) in an amount not to exceed \$200,000. This LOC is based upon our review of the corrective action costs you reported to have incurred to date. The LOC may be modified by the State Board.

It is very important that you read the terms and conditions listed in the enclosed LOC. Claims filed with the Underground Storage Tank Cleanup Fund far exceed the funding available and it is very important that you make use of the funding that has been committed to your cleanup in a timely manner.

Consequently, if you do not submit your first reimbursement request for corrective action costs which you have incurred within ninety (90) calendar days from the date of this letter, your funds will automatically be deobligated. Once deobligated, any future funds for this site will be obligated subject to availability of funds at such time when we receive your reimbursement request.

You are reminded that you must comply with all regulatory agency time schedules and requirements and you must obtain three bids for any required corrective action. Only corrective action costs *required* by the regulatory agency to protect human health, safety and the environment can be claimed for reimbursement. **Unless waived in writing, you are required to obtain preapproval of costs for all future corrective action work (form enclosed).** If you have any questions on obtaining preapproval of your costs or the three bid requirement, please call Steve Marquez, our Technical Reviewer assigned to claims in your Region, at (916) 227-0746. Failure to obtain preapproval of your future costs may result in the costs not being reimbursed.

The following documents needed to submit your reimbursement request are enclosed:

- "Reimbursement Request Instructions" package. **Retain this package for future reimbursement requests.** These instructions must be followed when seeking reimbursement for corrective action costs incurred after January 1, 1988. Included in the instruction package are samples of completed reimbursement request forms and spreadsheets.



Recycled Paper

Our mission is to preserve and enhance the quality of California's water resources, and ensure their proper allocation and efficient use for the benefit of present and future generations.

JAN 6 1998

TEXACO R & M, L.A. DIV.

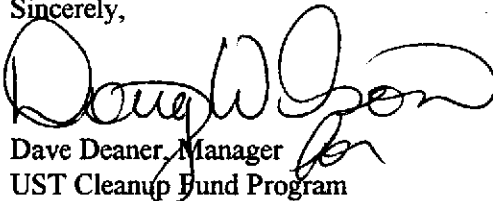
Page 2

- "Bid Summary Sheet" to list information on bids received which must be completed and returned.
- "Reimbursement Request" forms which you must use to request reimbursement of costs incurred.
- "Spreadsheet" forms which you must use in conjunction with your reimbursement request.
- "Claimant Data Record" (Std. Form 204) which must be completed and returned with your first reimbursement request.

We continuously review the status of all active claims. If you do not submit a reimbursement request or fail to proceed with due diligence with the cleanup, we will take steps to withdraw your LOC.

If you have any questions regarding the enclosed documents, please contact Anna Torres at (916) 227-4388.

Sincerely,


Dave Deaner, Manager
UST Cleanup Fund Program

Enclosures

cc: Mr. Thomas Peacock
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577



Recycled Paper

Our mission is to preserve and enhance the quality of California's water resources, and ensure their proper allocation and efficient use for the benefit of present and future generations.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



September 22, 1997
StID # 245

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: Groundwater Monitoring at 2200 E. 12th St., Oakland CA 94606

Dear Ms. Petryna:

As you are aware, our office has agreed to a revised annual monitoring program for the above site to be performed on monitoring wells MW-9I, 9G, 9F and 9B during the first quarter of each year. This was based upon residual benzene concentration in these wells. However, it appears that the most significant chemical of concern at this site is MTBE. Based upon the First Quarter, 1997 sampling results, up to 9100 ppb MTBE was detected in well, MW-9I as confirmed by EPA Method 8240.

Since there is no regulatory action limit as yet for MTBE, the conservative levels of the odor or taste threshold (15-30 ppb) must be observed. Therefore, you should continue to analyze the above wells for MTBE along with TPHg and BTEX. In addition, you are requested to analyze well, MW-9c for TPHmo, TPHd and the metals; cadmium, chromium, lead, nickel and zinc during the annual monitoring event. This is requested because these analytes were detected in the soil sample taken subsequent to the recent waste oil tank removal of this site. After review of the annual monitoring results, our office will entertain altering the monitoring schedule.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

c: B. Chan, files

Mr. Micheal Faber, Exxon USA, 2300 Clayton Rd., Suite 1250,
Concord, CA 94524-2032

Mr. K. Winemiller, PEG, Inc., 2025 Gateway Place, Suite 440,
San Jose, CA 95110

mon2200

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy
 Alameda CA 94502
 510/567-6700

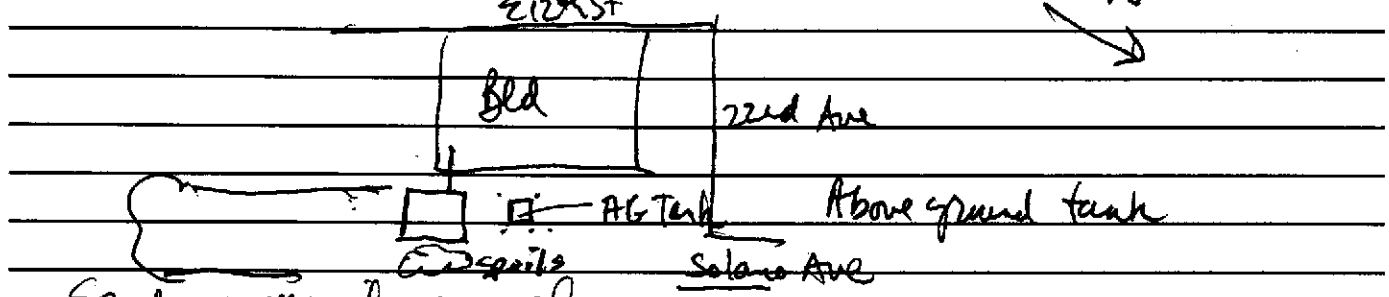
II, III

Site ID # _____ Site Name Exxon Today's Date 9/17/97
 Site Address 2200 E 12th St
 City Oak Zip 94606 Phone _____

____ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?
Inspection Categories:
 ____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
 ____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
 III. Under ground Storage Tanks

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

Comments: Present to witness removal of 1-500 gallon FG ^{underground} tank
 Henderson Construction - Harold
 Diana ^{Contractor} EA consultant Erickson - hauler
 Leslie Thomas Exxon rep.
 H. Gomez - City of Oakland
 070 LEL, 1.7% O₂



Spills in mainly gravel
 Tank is a single walled FG tank, no holes except for that done by contractor (XERXES)
 Pls run sples for TPHg,d, MBTEX + TPHmo or TOG, if any of these analytes are detected pls also run HVOCS (80/6) 8270 Semivolatiles + metals: Cd, Cr, Pb, Ni + Zn
 GW encountered, wet pea gravel removed. Apparently this pit was overexc. when 1st tank removed, this was the 2nd tank
 Pit approx. 6x10x9

II, III

Contact _____
 Title _____
 Signature Diana Cullen

Inspector B. CHAN
 Signature B. Chan

white - env. health
yellow - facility
pink - files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

P2 II, III

Site ID # _____ Site Name Syrom Today's Date 9/17/97

Site Address 2200 E 12th St

City Oak Zip 94606 Phone _____

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

Inspection Categories:

____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER

____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials

III. Under ground Storage Tanks

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

Comments:

There was not enough GW unit pit to sample.
 ∴ no water spels taken
 One soil spels - saturation - was taken from the bottom of the pit. Four discrete samples from the pit ~25cy taken to be composited & analyzed as the pit spels. For safety concerns. all spels will be pushed back into pit.

Contact _____
 Title _____
 Signature Yolanda Cabel

Inspector B. Chan
 Signature BChan

II, III

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**ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 ENVIRONMENTAL PROTECTION DIVISION
 1131 HARBOR BAY PARKWAY, RM 250
 ALAMEDA, CA 94502-6577
 PHONE # 510/567-6700
 FAX # 510/337-9335**

Barney Chan
 Project Specialist

6/6/97 ok Blm upon receipt of 1) H+S Plan 2) Haz Sub. & Remed Action Cont. P.

ACCEPTED

Underground Storage Tank Closure Permit Application
 Alameda County Division of Hazardous Materials
 1131 Harbor Bay Parkway, Suite 250
 Alameda, CA 94502-6577

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes to your closure plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction/destruction. One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the removal. Any changes or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspectors Department to determine if such changes meet the requirements of State and local laws. Notify this Department at least 72 hours prior to the following required inspections:

- _____ Removal of Tank(s) and Piping
 - _____ Sampling
 - _____ Final Inspection
- Issuance of a) permit to operate, b) permanent site closure, is dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS

Contact Specialist:

UNDERGROUND TANK CLOSURE PLAN

* * * Complete according to attached instructions * * *

1. Name of Business EXXON COMPANY, USA #7-0238
 Business Owner or Contact Person (PRINT) AARON WONG

2. Site Address 2200 E. 12th ST.
 City OAKLAND Zip 94606 Phone 510.535-1672

3. Mailing Address 2300 CLAYTON RD. #1250
 City CONCORD Zip 94520 Phone 510-246-8733

4. Property Owner EXXON CO. USA
 Business Name (if applicable) _____
 Address SAME AS MAILING
 City, State _____ Zip _____

5. Generator name under which tank will be manifested
EXXON CO., USA
 EPA ID# under which tank will be manifested CAD982463606

6. Contractor ~~THE TREE ORGANIZATION~~ Henderson Construction
Address ~~15939 PULMA AVE~~ 2080 E. Fremont St
City ~~GERRITOS, CA~~ STOCKTON Phone ~~562-468-0051~~ ²⁰⁹⁻⁹⁴³⁻⁵⁰⁵⁸
License Type* AB HAZ (check for HAZ Sub cert) ID# 728144 721876

*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board.

CONTACT: PICK HENDERSON

7. Consultant (if applicable) ERI
Address 74 DIGITAL DR.
City, State NOVATO, CA Phone 415-382-9105

8. Main Contact Person for Investigation (if applicable)
Name MARK BRIGGS Title _____
Company ERI
Phone 415 382 9105

9. Number of underground tanks being closed with this plan 1
Length of piping being removed under this plan N/A
Total number of underground tanks at this facility (**confirmed with owner or operator) 4

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

** Underground storage tanks must be handled as hazardous waste **

a) Product/Residual Sludge/Rinsate Transporter
Name ERIKSON EPA I.D. No. CAD009466392
Hauler License No. 0019 License Exp. Date _____
Address 255 PARR BLVD.
City RICHMOND State CA Zip 94801

b) Product/Residual Sludge/Rinsate Disposal Site
Name UNKNOWN EPA ID# _____
Address _____
City _____ State _____ Zip _____

c) Tank and Piping Transporter

Name ERIKSON EPA I.D. No. CAD009466392
Hauler License No. 0019 License Exp. Date _____
Address 255 PARR BLVD.
City RICHMOND State CA Zip 94801

d) Tank and Piping Disposal Site

Name UNKNOWN (AFTER TREATMENT) EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

11. Sample Collector

Name ~~ERIKSON~~ MARK BRIGGS
Company ~~ERIKSON~~ ERI
Address 74 DIGITAL DR.
City NOVATO State CA Zip 94949 Phone 415-382-9105

12. Laboratory

Name SEQUOIA ANALYTICAL
Address 680 CHESAPEAKE DR.
City REDWOOD CITY State CA Zip 94063
State Certification No. 1210

13. Have tanks or pipes leaked in the past? Yes [] No [] Unknown []

If yes, describe. _____

14. Describe methods to be used for rendering tank(s) inert:

DRY ICE 10-15# / 1000 gal

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be permanently plugged.

The Bay Area Air Quality Management District, 415/771-6000, along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of a combustible gas indicator to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas indicator on-site to verify that the tank is inert.

15. Tank History and Sampling Information *** (see instructions) ***

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
550 GAL.	WASTE OIL (IN USE) INSTALLED 1986	SOIL & GROUNDWATER if encountered	DETERMINED IN FIELD AT TIME OF REMOVAL EITHER 2' BELOW TANK INERT OR AT SIDEWALL IF GW ENCOUNTERED. 2 - samples

One soil sample must be collected for every 20 linear feet of piping that is removed. A ground water sample must be collected if any ground water is present in the excavation.

Excavated/Stockpiled Soil

<p>Stockpiled Soil Volume (estimated)</p> <p>5 YARDS</p>	<p>Sampling Plan:</p> <p>MUST ANALYZE FOR METALLIC PARAMETERS; PCE, CHL, g, BTEX, MTBE, Metals; Cd, Cr, Pb, Ni+Zn, chlorinated solvents & semi volatiles if reused or as required by landfill for disposal</p>
---	---

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

Will the excavated soil be returned to the excavation immediately after tank removal? [] yes [] no [✓] unknown

If yes, explain reasoning _____

If unknown at this point in time, please be aware that excavated soil may not be returned to the excavation without prior approval from Alameda County. This means that the contractor, consultant, or responsible party must communicate with the Specialist IN ADVANCE of backfilling operations.

16. Chemical methods and associated detection limits to be used for analyzing samples:

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

17. Submit Site Health and Safety Plan (See Instructions)

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
Oil & Grease	extraction (3550 etal)	Std Methods 5520 E+F or TPH mo	Varie ↓ ↓ ↓ ↓ ↓
Diesel	mod 8015 - DHS	TPH d	
Gas	mod 8015 - DHS	TPH g	
M BTEX	5030 (P+T)	mod 8020	
Chlorinated Hydrocarbons	5030 (P+T)	8010 or 8240	
Total Metals:	Cd, Cr, Pb, Ni+Zn	ICAP or AA	
Semi volatiles	3550	8270	↓

18. Submit Worker's Compensation Certificate copy

Name of Insurer AGN RISK SERVICES

19. Submit Plot Plan ***** (See Instructions) *****

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery.

The written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form.

22. Submit a closure report to this office within 60 days of the tank removal. The report must contain all information listed in item 22 of the instructions.

23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box 8 for "tank removed" in the upper right hand corner)

I declare that to the best of my knowledge and belief that the statements and information provided above are correct and true.

I understand that information, in addition to that provided above, may be needed in order to obtain approval from the Environmental Protection Division and that no work is to begin on this project until this plan is approved.

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

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

CONTRACTOR INFORMATION

Name of Business THE TYREE ORGANIZATION

Name of Individual FRANK KRAMER

Signature [Signature] FOR FRANK KRAMER Date 5/19/97

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business EXXON CO., USA

Name of Individual BARBARA FAIRCLOTH

Signature [Signature] TIM OGLES FOR BARBARA FAIRCLOTH Date 5/19/97



A Diversified
Engineering Company

May 19, 1997

To Who It May Concern:

Exxon Company, USA would like to modify the waste oil storage system at their service station located at 2200 E. 12th & 22nd Avenue, Oakland, CA. The scope of work includes removing the existing underground waste oil tank and installing a new 250 gallon above ground waste oil tank outside, adjacent to the building.

Along with this application, I have attached specification and cut sheets for all these components. Hopefully, I have provided adequate information for your review to issue permits for this scope of work. If there is any information missing please give me a call as soon as possible so I may forward any missing information to you.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tim Ogles', with a long horizontal stroke extending to the right.

Tim Ogles
Project Manager

need: H+S Plan

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

STID 245

November 20, 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: 2200 EAST 12TH STREET, OAKLAND CA 94606

Dear Ms. Petryna:

This office recently received and reviewed the case file for the above referenced Oakland site up to and including the October 29, 1996 Texaco "Groundwater Monitoring and Sampling, Third Quarter 1996" report.

Laboratory analyses of groundwater samples collected from well MW-9B, revealed TPHg and BTEX at concentrations of 210, 5.7, 6.8, 1.1, and 9.2 ppb, respectively. In addition, MTBE was detected in groundwater samples collected from wells MW-9B, MW-9F, MW-9G and MW-9I at concentrations of 31, 5.8, 18 and 170 ppb, respectively.

The State Water Resources Control Board (SWRCB) has recommended in its August 22, 1996 memorandum, that active LUFT (leaking underground fuel tanks) sites be monitored for the presence of methyl-tert-butyl ether (MTBE). SWRCB recommends that EPA method 8020A (or 8021B) be used to detect BTEX and MTBE compounds in LUFT groundwater samples. In addition, it is recommended that the groundwater sample which exhibits the highest concentration of MTBE (per EPA method 8020A or 8021B) be confirmed using EPA Method 8240B (or 8260A) to verify the correct identification of MTBE. For these samples the 8240B (or 8260A) value should be reported. **Therefore, please incorporate this MTBE sampling protocol into the Fourth Quarter 1996 sampling event.**

Please feel free to call me directly at 510/567-6880 should you have any questions concerning the content of this letter.

Sincerely,

Dale Klettke, CHMM
Hazardous Materials Specialist

Karen E. Petryna
RE: 2200 East 12th Street, Oakland
November 20, 1996
Page 2 of 2

c: Bob Robles, c/o Texaco, 10 Universal City Plaza, Universal City, CA 91608
Michael Faber, c/o Exxon USA, 2300 Clayton Road, Suite 1250, Concord, CA 94524-
2032
Keith Winemiller, Pacific Environmental Group, 2025 Gateway Place, Suite 440, San
Jose, CA 95110
Thomas Peacock, LOP Manager--files

 0245mtbe.cnf

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

STID 245

September 10, 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: 2200 EAST 12TH STREET, OAKLAND CA 94606

Dear Ms. Petryna:

This office recently received and reviewed the case file for the above referenced Oakland site up to and including the August 27, 1996 Pacific Environmental Group (PEG), Inc. "Groundwater Monitoring and Sampling Program" letter.

The PEG letter requests that the current groundwater monitoring program be reduced from a semi-annual to an annual schedule. In addition, the PEG, Inc. states that the next groundwater sampling event would be May 1997.

Alameda County Department of Environmental Health (ACDEH) requires that annual groundwater monitoring be conducted during the 1st quarter of every year. It is ACDEH's understanding that annual groundwater monitoring and sampling should be performed when groundwater elevations are at their highest. For your information, concentrations of detectable petroleum hydrocarbons are, for the most part, highest during periods of high groundwater elevations.

Therefore, at this time please adhere to a revised **annual (1st quarter of every year)** schedule of well sampling, monitoring, and report submittal as referenced in Title 23, California Code of Regulations (CCR) section 2652(d) for groundwater monitoring wells MW-9B, MW-9F, MW-9G and MW-9I. Sample analytes shall continue to be total petroleum hydrocarbons as gasoline (TPHg), methyl-tert-butyl ether (MTBE) and the aromatic hydrocarbons benzene, toluene, ethyl benzene and total xylene isomers (BTEX).

For your information, this site was evaluated for case closure after review of the TEXACO June 24, 1996 groundwater sampling report, and the sensitive receptor investigation. At the present time, this site does not warrant closure for the following reason:

- 1) Concentrations of benzene detected in monitoring well MW-9B (130 ug/L) exceed CA-modified ASTM Tier 1 Risk-Based Screening Levels (RBSLs) for the commercial/industrial exposure scenario "Groundwater-Vapor Intrusion from Groundwater to Buildings" at a target level of 1E-06 (21 ug/L - 1 in 1,000,000 excess cancer risk).

Karen E. Petryna
RE: 2200 East 12th Street, Oakland
September 10, 1996
Page 2 of 2

However, it appears that further ASTM Tier evaluation is not warranted at this time. Continued annual groundwater monitoring and sampling will serve to confirm reduced concentrations of petroleum hydrocarbons (namely benzene). After documentation of the 1st quarter 1997 groundwater monitoring and sampling event, ACDEH will re-evaluate the site to determine whether case closure is warranted for this site.

Please feel free to call me directly at 510/567-6880 should you have any questions concerning the content of this letter.

Sincerely,



Dale Klettke, CHMM
Hazardous Materials Specialist

- c: Bob Robles, c/o Texaco, 10 Universal City Plaza, Universal City, CA 91608
Michael Faber, c/o Exxon USA, 2300 Clayton Road, Suite 1250, Concord, CA 94524-2032
Keith Winemiller, Pacific Environmental Group, 2025 Gateway Place, Suite 440, San Jose, CA 95110
Thomas Peacock, LOP Manager--files

bc
0245gwsh.ann



PACIFIC
ENVIRONMENTAL
GROUP, INC.

August 27, 1996
Project 340-404.9A

STED
2-15

Mr. Dale Klettke, CHMM
Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, California 94621

Re: Groundwater Monitoring and Sampling Program
Former Texaco Service Stationwazzu
2200 East 12th Street at 22nd Avenue
Oakland, California

Dear Mr. Klettke:

On behalf of Texaco Refining and Marketing Inc. (Texaco), Pacific Environmental Group, Inc. (PACIFIC) has prepared this letter to request a reduction in the groundwater monitoring and sampling program at the above referenced site.

Currently, eight groundwater monitoring wells (MW-9A, MW-9B, MW-9C, MW-9D, MW-9F, MW-9G, MW-9H, and MW-9I) are monitored on a semi-annual basis. Four of these wells (MW-9C, MW-9D, MW-9F, and MW-9G) are also sampled on semi-annual basis. Given that Texaco has requested that this site be designated and closed as a Low Risk Groundwater Case (PACIFIC, June 7, 1996), we request that the current monitoring and sampling plan be reduced to an annual basis. The next scheduled groundwater monitoring and sampling event would become May 1997. Barring a request to the contrary, Texaco will implement annual sampling immediately.

If you have any questions regarding this letter, please call.

Sincerely,

Pacific Environmental Group, Inc.

Keith Winemiller
Project Engineer

cc: Ms. Karen Petryna, Texaco Refining and Marketing Inc. (2 copies)
Mr. Mike Faber, Exxon



STID 245

April 8, 1996

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

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6777

RE: 2200 EAST 12TH STREET, OAKLAND CA 94606

Dear Ms. Petryna:

This office recently received and reviewed the case file for the above referenced Oakland site up to and including the April 3, 1996 Pacific Environmental Group (PEG) "Utility Trench Investigation Report". This report documents the results of a utility trench investigation to determine whether existing utilities could be acting as preferential pathways for the migration of petroleum hydrocarbons in groundwater.

PEG concludes that although there exists the potential for utility trenches to serve as preferential groundwater migration pathways, it is unlikely, due to the following:

- Groundwater fluctuations at the site indicate that groundwater does not intersect the utility trenches year round and therefore, does not present a long-term preferred transport pathway.
- Groundwater elevation contours do not show any unusual deflections which may be expected if preferential migration were occurring.
- Groundwater concentrations typically are not very high. If preferential migration were occurring, dilution of the petroleum hydrocarbon impacted groundwater may be expected at the utility trench boundary.

It is my understanding that TEXACO proposes to conduct a sensitive receptor investigation at the site to identify any water wells within 250 feet of the site and to detect the presence of deeper drinking water aquifers, nearest surface water, and any other sensitive receptors which are likely to be impacted by the site. This final criteria is to be satisfied in order to designate this site as a "Low-Risk Groundwater Case" as defined in the Regional Water Quality Control Board's (RWQCBs) "Interim Guidance on Required Cleanup at Low Risk Fuel Sites".

At this time please adhere to a revised **semi-annual (first and third quarters)** schedule of well sampling, monitoring, and report submittal as referenced in Title 23, California Code of Regulations (CCR) section 2652(d) for groundwater monitoring wells MW-9B, MW-9F, MW-9G and MW-9I. Sample analytes shall continue to be total petroleum hydrocarbons as gasoline (TPHg), methyl-tert-butyl ether (MTBE) and the aromatic hydrocarbons benzene, toluene, ethyl benzene and total xylene isomers (BTEX).

Ms. Karen E. Petryna
RE: 2200 East 12th Street, Oakland
April 8, 1996
Page 2 of 2

I realize that it is not possible to have the wells sampled during first quarter 1996. **Therefore, please arrange to have wells MW-9B, MW-9F, MW-9H and MW-9I sampled during the month of April, 1996.**

After documentation of the April 1996 groundwater monitoring and sampling event and the sensitive receptor investigation report, Alameda County Health Care Services Agency will re-evaluate the site to determine whether case closure is warranted for this site.

Please feel free to call me directly at 510/567-6880 should you have any questions concerning the content of this letter.

Sincerely,



Dale Klettke, CHMM
Hazardous Materials Specialist

u

- c: Bob Robles, c/o Texaco, 10 Universal City Plaza, Universal City, CA 91608
Michael Faber, c/o Exxon USA, 2300 Clayton Road, Suite 1250, Concord, CA 94524-2032
Keith Winemiller, Pacific Environmental Group, 2025 Gateway Place, Suite 440, San Jose, CA 95110
Thomas Peacock, LOP Manager--files

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STID 245

DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6777

March 6, 1996

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

RE: 2200 EAST 12TH STREET, OAKLAND CA 94606

Dear Ms. Petryna:

This office recently received and reviewed the case file for the above referenced-Oakland site up to and including the January 17, 1996 Texaco Refining and Marketing Inc., (Texaco) "ENV-STUDIES, SURVEYS, & REPORTS". This report documents the semi-annual groundwater sampling activities for three (3) on-site and two (2) off-site groundwater monitoring wells.

In addition, Texaco has previously submitted a "Management Plan and Work Plan for Non-Attainment Area Closure (NAA Plan) dated August 14, 1995 for the above referenced site. This NAA management and work plan was submitted before the California Regional Water Quality Control Board (RWQCB) distributed its January 5, 1996 "Supplemental Instructions to State Water Board December 8, 1995, Interim Guidance on Required Cleanup at Low Risk Fuel Sites".

In response to the October 16, 1995, Lawrence Livermore National Laboratory (LLNL) Study entitled "Recommendations To Improve the Cleanup Process for California's Leaking Underground Fuel Tanks", RWQCB issued its December 8, 1995 "Interim Guidance on Required Cleanup at Low Risk Fuel Sites". These guidance documents concur with the findings and conclusions of the LLNL Study, which recommended that fuel sites be treated differently and less stringently than solvent sites. The study also concluded that most fuel sites fall into the low-risk category, for which source removal and passive remediation are adequate.

In order for your site to fall into the "Low Risk Groundwater Case" the following definitions must apply:

- 1) The leak has been stopped and ongoing sources, including free product, have been removed or remediated.
- 2) The site has been adequately characterized.
- 3) The dissolved hydrocarbon plume is not migrating.
- 4) No water well, deeper drinking water aquifers, surface water, or other sensitive receptors are likely to be impacted.

Ms. Karen E. Petryna
RE: 2200 East 12th Street, Oakland
March 6, 1996
Page 2 of 2

- 5) The site presents no significant risk to human health.
- 6) The site presents no significant risk to the environment.

As referenced in the "Supplemental Instructions to State Water Board December 8, 1995, Interim Guidance on Required Cleanup at Low Risk Fuel Sites", sites which are defined as a "Low Risk Groundwater Case" *should have the presence or absence of horizontal and vertical conduits which could act as preferential pathways for the dissolved plume evaluated as a part of the site characterization process.*

As documented in the enclosed Alameda County Health Care Services Agency (ACHCSA) letter from Thomas Peacock dated November 14, 1995, comments were given which asked for a plan to look at the presence or absence of "preferential pathways" such as utility trenches. This letter also commented that since shallow soils were affected, the best course of action might be for the excavation of impacted soils in the vicinity of monitoring well MW-9B.

Please notify this agency of the course of action you plan to follow for this site by submitting a work plan within 30 days of the date of this letter, or no later than April 8, 1996.

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

Sincerely,



Dale Klettke, CHMM
Hazardous Materials Specialist

enclosure

Be

c: Bob Robles, c/o Texaco, 10 Universal City Plaza, Universal City, CA 91608
Michael Faber, c/o Exxon USA, 2300 Clayton Road, Suite 1250, Concord, CA 94524-2032
Keith Winemiller, Pacific Environmental Group, 2025 Gateway Place, Suite 440, San Jose, CA 95110
Thomas Peacock, LOP Manager--files

0245naa.nok

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

November 14, 1995
STID 245

Texaco Environmental Svc.
ATTN: Karen E. Petryna
100 Cutting Blvd.
Richmond, CA 94804

RE: 2200 E. 12th St., Oakland, CA 94606

Dear Karen E. Petryna:

This office has received and reviewed an Env. Studies, Surveys & Reports dated August 14, 1995 by Texaco Refining and Marketing, Inc. for the above site. The following comments are to be considered:

1. Your request for an NAA for the above area may be premature for this site. It is not known whether there are preferential pathways such as utility trenches between the area of contamination, which is only 6.5 ' deep, and the two downgradient wells that show no contamination. This is important to know if contamination is immobile or if it is remediating as it moves. Please propose a plan to look at this. Your plan for a NAA is acceptable but perhaps we should have a meeting, as you suggested in your cover letter.

3. The area of contamination seems to be around MW-9B. The water level is also very shallow. Further excavation of contaminated soils may be the best course of action now. This may be a quicker solution to obtaining site closure.

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

Sincerely,

Thomas Peacock, Manager
Division of Environmental Protection

wlr
c: Bob Robles, Texaco, 10 Universal City Plaza, Universal
City, CA 91608
Gordon Coleman, Acting Chief - files
Exxon, USA, Michael Faber, 2300 Clayton Rd., Suite 1250,
Concord, CA 94524-2032
Keith Winemiller, Pacific Env. Group, 2025 Gateway Pl.,
Suite 440, San Jose, CA 95110

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

March 21, 1995
STID 245

Texaco Environmental Svc.
ATTN: Karen E. Petryna
100 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

RE: 2200 E. 12th St., Oakland, CA 94606

Dear Karen E. Petryna:

This office has received and reviewed the Quarterly Report by Texaco Environmental Services dated January 4, 1995 for the above site. The following comments are to be considered:

1. Samples apparently were for 10-26-94 rather than 10-28-94, as reported. Please address reports to this office rather than to the Regional Water Quality Control Board. It is not necessary to send any reports to them as this agency is the lead in this case.
2. It appears that contamination always rises in the February and May sampling events. This is often a dramatic rise as in MW-9B from 200 to 12,000 TPHg, then from 98 to 1,000. Both of these years were followed by large drops in contamination. It appears this may be due to washing of the soil by percolating rainfall as it passes through contaminated soil above the groundwater. Often the water level rises in Spring, although this property is mostly paved (impermeable) and changes in water level do not seem to follow seasons. The water level is also very shallow. Further excavation of contaminated soils may be the best course of action now.

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Thomas Peacock'.

Thomas Peacock, Supervising HMS
Hazardous Material Division

cc: Bob Robles, Texaco, 10 Universal City Plaza, Universal
City, CA 91608
Gordon Coleman, Acting Chief - files
Exxon, USA, Michael Faber, 2300 Clayton Rd., Suite 1250,
Concord, CA 94524-2032

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board

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

November 1, 1994
STID 245

Texaco Environmental Svc.
ATTN: R. R. Zielinski
100 Cutting Blvd.
Richmond, CA 94804

RE: 2200 E. 12th St., Oakland, CA 94606

Dear R. R. Zielinski:

This office has received and reviewed the Quarterly Report by Texaco Environmental Services dated August 4, 1994 (2nd qtr 94) for the above site. The following comments are to be considered:

1. This office accepts your not sampling monitoring wells 9c, 9d, 9f, and 9g, since they have been ND for more than 4 quarters.
2. Although there had been a drop in measured contamination in MW-9b, there have increases in the last 2 quarters. This last quarter was very high at 1000 ppb TPHg and 150 ppb benzene. This office would like to know what you will be doing to remediate this contamination.
3. It is imperative that you continue groundwater monitoring on a quarterly basis and to have reports submitted to this office in a timely manner. It is taking about 4 months to get a report to our office, which is unacceptable.

If you have any questions, please contact this office at (510) 567-6700. Note that our office has relocated and our phone number is new.

Sincerely,

Thomas Peacock, Supervising HMS
Hazardous Material Division

cc: Bob Robles, Texaco, 10 Universal City Plaza, Universal City,
CA 91608
Edgar Howell, Chief - files
Exxon, USA, E.E. Villasenor, 2300 Clayton Rd., Suite 1250,
Concord, CA 94524-2032

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

January 31, 1994
STID 245

Texaco Environmental Svc.
ATTN: R. R. Zielinski
100 Cutting Blvd.
Richmond, CA 94804

RE: 2200 E. 12th St., Oakland, CA 94606

Dear R. R. Zielinski:

This office has received and reviewed the Quarterly Groundwater Monitoring Report by Resna dated January 6, 1993 (4th qtr 93) for the above site. The following comments are to be considered:

1. This office accepts your desire to not take further action beyond continued quarterly groundwater monitoring.
2. The continual drop in contamination in MW--9B, as the only contaminated well, is positive.
3. It is imperative that you continue groundwater monitoring on a quarterly basis and to have reports submitted to this office in a timely manner.

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

Sincerely,

Thomas Peacock, Supervising HMS
Hazardous Material Division

cc: Bob Robles, Texaco, 10 Universal City Plaza, Universal City,
CA 91608
Edgar Howell, Chief - files
Exxon, USA, E.E. Villasenor, 2300 Clayton Rd., Suite 1250,
Concord, CA 94524-2032
James Nelson, Resna, 3315 Almaden Exp., Suite 34, San Jose,
CA 95118

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

December 28, 1993
STID 245

Texaco Environmental Svc.
ATTN: R. R. Zielinski
100 Cutting Blvd.
Richmond, CA 94804

RE: 2200 E. 12th St., Oakland, CA 94606

Dear R. R. Zielinski:

This office has received and reviewed the Quarterly Groundwater Monitoring Report by Resna dated November 2, 1993 (3rd qtr 93) for the above site. The following comments are to be considered:

1. The levels in MW-9b have essentially stayed the same with a small rise in benzene. The residual contamination seems to be concentrated around this well.

2. There are no recommendations in this report.

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

Sincerely,

Thomas Peacock, Supervising HMS
Hazardous Material Division

cc: Bob Robles, Texaco, 10 Universal City Plaza, Universal City,
CA 91608
Edgar Howell, Chief - files
Exxon, USA, E. E. Villasenor, 2300 Clayton Rd., Suite 1250,
Concord, CA 94524-2032
Philip Mayberry, Resna, 3315 Almaden Expressway, Suite 34,
San Jose, CA 95118
Karen E. Petryna, Texaco, 100 Cutting Blvd., Richmond, CA
94804

LOP - CHANGE RECORD REQUEST FORM

printed:
12/28/93

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

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
 StID : 245
 SITE NAME: Wong's Exxon #7-0238 DATE REPORTED : 05/31/88
 ADDRESS : 2200 E 12th St DATE CONFIRMED: 05/31/88
 CITY/ZIP : Oakland 94606 MULTIPLE RPs : Y

SITE STATUS

CASE TYPE: G CONTRACT STATUS: 6 EMERGENCY RESP:
 RP SEARCH: S DATE COMPLETED: 05/06/92
 PRELIMINARY ASMNT: U DATE UNDERWAY: 05/01/88 DATE COMPLETED: 05/11/90
 REM INVESTIGATION: U DATE UNDERWAY: 05/11/90 DATE COMPLETED: 10/22/90
 REMEDIAL ACTION: U DATE UNDERWAY: 09/04/91 DATE COMPLETED:
 POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 05/06/92
 LUFT FIELD MANUAL CONSID: 3HSCAWG
 CASE CLOSED: DATE CASE CLOSED:
 DATE EXCAVATION STARTED : 09/04/91 REMEDIAL ACTIONS TAKEN: ED,ET

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Mr. R. Zielinski
 COMPANY NAME: Texaco
 ADDRESS: 100 Cutting Blvd.
 CITY/STATE: Richmond, C A 94804

RP#2-CONTACT NAME: E. E. Villasenor *new contact*
 COMPANY NAME: Exxon U S A
 ADDRESS: 2300 Clayton Rd, Ste 1250
 CITY/STATE: Concord, C A 94524-2032

INSPECTOR VERIFICATION:

NAME _____ SIGNATURE _____ DATE _____

DATA ENTRY INPUT:

Name/Address Changes Only			Case Progress Changes	
ANNPMS _____	LOP _____	DATE _____	LOP _____	DATE _____

HAZARDOUS MATERIALS

GENERATOR - HMMP - UST - LOP

ALAMEDA COUNTY

Site List as of 11/09/93

page 3

City of Oakland

G U H L N

E S M O P

N T B P DES

SIC

StID	Name of Site	Site Address	City	Zip	G	U	H	L	N	E	S	M	O	P	DES	SIC
947	Wise Auto Body, Inc. Contact: Richard Somlo	493 40th St Phone# 652-0570	Oakland	609	C					M						7532
3550	Henry Speed's Auto R Contact: Henry Speed	1093 61st St Phone# 510-653-7048	Oakland	608	C					M						7538
1694	St. Francis Pie Shop Contact: John Buschini	1125 67th St Phone# 655-0136	Oakland	608	C	C				M						7538
2506	High Tech Auto Craft Contact: Greg Varner	3116 Adeline St Phone# 510/428-1051	Oakland	608	C											7532
818	Martin's Auto Recons Contact: Dan Martin	5325 Adeline St Phone# 655-0578	Oakland	608	C											7538
311	Bremen Auto Body Contact: John Puicitia	5417 Adeline St Phone# 547-4541	Oakland	608	C											7532
808	Nick Auto Repair Ser Contact: Books E. Nichols	5920 Adeline St Phone# 653-8380	Oakland	608	C											7538
1768	Mowry Avenue Chevron Contact: Jay Sherlock	5300 Mowry Ave Phone# 792-3851	Fremont	538	Q											

STATUS: GEN: C = Current I = Inactive Q = Need Q'naire W = Waste Min. LOP: Y = Site Transfer to LOP Program
 UGT: C = Current E = Exempt F = Awaiting Form ABC N = No UST R = Removed UST
 HMBP: C = Current M = Part 1 Submitted, Need Part II P = Awaiting Part I or II of HMMP
 Count = 40

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

August 26, 1993
STID 245

Texaco Environmental Svc.
ATTN: R. R. Zielinski
100 Cutting Blvd.
Richmond, CA 94804

RE: 2200 E. 12th St., Oakland, CA 94606

Dear R. R. Zielinski:

This office has received and reviewed the Quarterly Groundwater Monitoring Report by Resna dated August 6, 1993 (2nd qtr 93) for the above site. The following comments are to be considered:

1. This office accepts your desire to not take further action beyond continued quarterly groundwater monitoring.
2. It is also appropriate of you to investigate inventory records in an attempt to discover why the high level in 1 well during the previous quarter.
3. It is imperative that you continue groundwater monitoring on a quarterly basis and to have reports submitted to this office in a timely manner.

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

Sincerely,

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

Thomas Peacock, Supervising HMS
Hazardous Material Division

cc: Bob Robles, Texaco, 10 Universal City Plaza, Universal City,
CA 91608
Edgar Howell, Chief - files
Exxon, USA, Greg De Marzo, 2300 Clayton Rd., Suite 1250,
Concord, CA 94524-2032



Texaco Refining
and Marketing Inc.

STP 245
~~00246~~

93 AUG 20 PM 1:22

August 12, 1993

ENV - STUDIES, SURVEYS, & REPORTS

Exxon Service Station/Former Texaco Service Station
2200 E. 12th St., Oakland CA

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

Dear Mr. Hiett:

Enclosed please find the Quarterly Groundwater Monitoring Report dated August 6, 1993 for the subject site.

Texaco received a letter from Mr. Thomas Peacock of the Alameda County Environmental Health Department dated July 7, 1993 which requested information about the increase in TPHg and benzene concentrations reported in the 4th quarter, 1992 and 1st quarter, 1993 quarterly monitoring and sampling reports.

Texaco is also concerned about the apparent temporary increase of petroleum hydrocarbon concentrations in the groundwater. At this time it is not clear why the apparent increase occurred. Up to this time, Texaco has felt confident that Texaco's portion of environmental clean up of the referenced property was completed, and has been expecting to achieve four consecutive quarterly non-detect sampling results of the groundwater monitoring wells there.

Since the petroleum hydrocarbon concentrations at the site have once again receded to very low levels as of the second quarter of 1993, Texaco would like to continue to monitor the site closely but not take any further action. If subsequent analytical results do not confirm our understanding, Texaco will take the following action.

1. Texaco will request product inventory records from Exxon who is currently operating a service station on the property.
2. If inventory records do not show any incidence of product loss, Texaco will submit a work plan to your agency to address the source of petroleum contamination increase.

Mr. Richard Hiatt
August 12, 1993
Page 2

If you have any questions I can be contacted at (510) 236-1770.

Best Regards,



R. B. Zielinski
Area Supervisor
Exaco Environmental Services

RRZ:kep
2200\QTRCVR.RH

Enclosure

cc: Mr. Thomas Peacock - Alameda County Environmental Health
Department
Ms. Deborah Harris - Exxon

PR: 

STATE WATER RESOURCES CONTROL BOARD

DIVISION OF CLEAN WATER PROGRAMS

2014 T STREET, SUITE 130

P.O. BOX 944212

SACRAMENTO, CA 94244-2120

93 AUG -4 PM 1:04



916/227-4325

Facsimile 916/227-4349

AUG 2 1993

Ms. Maria D. Guensler
Senior Environmental Engineer
Exxon Company, U.S.A.
PO Box 4032
Concord, CA 94524-2032

Dear Ms. Guensler:

UNDERGROUND STORAGE TANK (UST) LOCAL OVERSIGHT PROGRAM, VARIOUS SITES, ALAMEDA COUNTY

This is in response to your two letters dated June 19, 1993 regarding two sites in the Local Oversight Program. Also, this is in response to the letter addressed to Ron Zielinski, Texaco Environmental Services, dated May 21, 1993, regarding three sites in the Local Oversight Program. You mailed us a copy of this letter. You believe that Exxon is not involved in any environmental investigative/remediative work at the five sites and, therefore, is not responsible for the oversight costs.

The following information on Exxon's involvement at these sites was obtained from Alameda County. For your information, we have enclosed copies of the notices sent to you informing you that Exxon has been identified as a responsible party for these sites.

Site No. 3695, 1900 Webster Street, Alameda

Exxon acquired Signal Oil Company who was the owner/operator of the tanks at the time the unauthorized release occurred in 1963. Exxon has been named jointly responsible with the current property owner, Dolan Foster Enterprises, Inc.

Site No. 2996, 2200 E. 14th Street, Oakland

Exxon was the owner/operator of the tanks to June 6, 1973 and was the property owner until 1974 when the tanks were removed. Exxon has been named jointly responsible with Lili Good, Lano Choung, Nguyen Qua and Lan Chung.

Site No. 1039, 2225 Telegraph Avenue, Oakland

Exxon is the current property owner. Exxon has been named jointly responsible with Texaco.

AUG 02 1993

Ms. Marla D. Guensler

-2-

Site No. 1109, 500 Grand Avenue, Oakland

Exxon was the operator at the time the tank was removed and also subleased the property. Exxon has been named jointly responsible with J. and M. Howard Trust and Texaco.

Site No. 245, 2200 E. 12th Street, Oakland

Exxon is the current property owner. Exxon has been named jointly responsible with Texaco.

When more than one responsible party is identified at a site, it is the responsibility of all parties to apportion cleanup costs.

If you have any questions, please telephone Lori Casias at (916) 227-4325. Questions concerning site remediation should be directed to Tom Peacock, Alameda County, at (510) 271-4530.

Sincerely,



for Sandra L. Malos, Chief
Local Oversight Program

Enclosures

cc: Tom Peacock, Alameda County

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

July 7, 1993
STID 245

Texaco Environmental Svc.
ATTN: Ron Zielinski
100 Cutting Blvd.
Richmond, CA 94804

RE: 2200 E. 12th St., Oakland, CA 94606

Dear Ron Zielinski:

This office has received and reviewed the Quarterly Groundwater Monitoring Reports by Resna dated April 29 and May 6, 1993 (4th qtr 92 and 1st qtr 93) for the above site. The following comments are to be considered:

1. Monitoring well MW9H is the most downgradient well and the sample had 280 ppb of TPHg. This would demonstrate that the plume is not contained. There are no comments in this report concerning a large increase in contamination found.
2. MW-9B had 12,000 ppb TPHg and 320 ppb benzene, which is a very large increase. Resna, Texaco, or Exxon need to answer why, give some explanation, and comment on what work needs to be done in the future (conclusions or recommendations).

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

Sincerely,

Thomas Peacock, Supervising HMS
Hazardous Material Division

cc: Bob Robles, Texaco, 10 Universal City Plaza, Universal City,
CA 91608
~~Edgar~~ Howell, Chief - files
Texaco, ATTN: Zielinski, 100 Cutting Blvd., Richmond, CA 94804
Exxon, USA, Greg De Marzo, 2300 Clayton Rd., Suite 1250,
Concord, CA 94524-2032



Texaco Refining
and Marketing Inc

108 Cutting Boulevard
Richmond CA 94801

ST 110
245

May 6, 1993

ENV - REMEDIATION

2200 E. 12th St., Oakland, CA

606

Mr. Thomas Peacock
Alameda County Department of Environmental Health
80 Swan Way, Rm 200
Oakland, CA 94621

Dear Mr. Peacock:

Texaco has received your letter dated April 28, 1993 which requested information about why MW-9F and MW-9G had not been sampled and why the sampling event, conducted September 14, 1992, was not reported until March 9, 1993.

We appreciate your concern for the timely submittal of quarterly groundwater monitoring reports. Production of Texaco's quarterly groundwater monitoring report for the referenced property is currently under contract to the environmental consultant RESNA. This was a new contract for RESNA which encompassed numerous Texaco sites. After experiencing some initial delays in completing the reports, RESNA has worked diligently to catch up in order to submit them in a timely manner.

The report for the third quarter of 1992 was submitted to you on March 30, 1993. The report for the fourth quarter of 1992, covering the sampling event conducted November 16, 1992, was completed in final form April 30, 1993. The delay in processing this report was partly due to misplacing the draft version and not authorizing its final version more quickly. The report for the first quarter of 1993, covering the sampling event conducted February 3, 1993, was finalized today and will be issued tomorrow.

It is anticipated that, in the future, production and submission of quarterly reports for the referenced site will be accomplished in the first month following the quarter's sampling period, i.e., the second quarter 1993 report will be mailed to you by July 30, 1993.

MW-9F, -9G, and -9H were not sampled in the third quarter 1992 due to road hazards (the wells are in the street). Only MW-9H was not sampled in the fourth quarter 1992 due to road work. All eight wells were sampled in the first quarter 1993 (MW-9E was previously abandoned).

I apologize for the reporting delays. If you have any questions

May 6, 1993
Mr. Thomas Peacock
Page 2

please contact me at (510) 236-1770 or Ms. Karen Petryna at (510) 236-9139.

Best Regards,



R. R. Zielinski
Area Supervisor
Texaco Environmental Services

RRZ:kep
2200\RESPACDEH.TP

cc: Mr. Richard Hiett - CRWQCB-SFB
Ms. Mary Rysdale - RESNA
Mr. Greg DeMarzo - Exxon

PR: RRZ

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

April 28, 1993
STID 245

Exxon Co. U.S.A.
ATTN: G. DeMarzo
2300 Clayton Rd., Suite 1250
P.O. Box 4032
Concord, CA 94524-2032

RE: 2200 E. 12th St., Oakland, CA 94606

Dear G. DeMarzo:

This office has received and reviewed the Quarterly Groundwater Monitoring Report by Resna dated March 9, 1993 the above site. The following comments are to be considered:

1. Why was MW-9G not sampled, as it is a downgradient well that showed contamination in the last sample?
2. The sampling in this report was done Sep. 14, 1992. It has taken 6 1/2 months for this office to receive the report. Given the requirement for reports to be submitted each quarter, it is unacceptable for this type of delay. Reports must be submitted in a much more timely manner. At this time, sampling should have already been done again in Dec. 92 and Mar. 93. Comments like 2. above would not even be answered or changes to the sampling and reporting made if the reports take over 6 months to be issued.
3. MW-9F and MW-9G have both detected benzene within the last 4 quarters. They were not sampled this time. Resna, Texaco, or Exxon need to answer why, give some explanation, and comment on what work needs to be done in the future (conclusions or recommendations). If you have any questions, please contact this office at (510) 271-4530.

Sincerely,

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

Thomas Peacock, Supervising HMS
Hazardous Material Division

cc: Richard Hiett, RWQCB
Edgar Howell, Chief - files
Texaco, ATTN: R. Zielinski, 100 Cutting Blvd., Richmond, CA 94804

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

November 16, 1992
STID 245

Exxon Co. U.S.A.
ATTN: G. DeMarzo
2300 Clayton Rd., Suite 1250
P.O. Box 4032
Concord, CA 94524-2032

RE: 2200 E. 12th St., Oakland, CA 94606

Dear G. DeMarzo:

This office has received and reviewed the Tank Excavation Assessment Report by Woodward-Clyde Consultants dated January 28, 1992, and 2 Quarterly Technical Reports by Harding Lawson Associates dated May 26 and September 9, 1992 concerning the above site. The following comments are to be considered:

1. There is no conclusion or recommendation for further work to be done at the site. Activities planned for the third quarter of 1992 were not discussed as HLA had no contract.
2. The 620 ppb TPHg and the 180 ppb benzene found in MW-9B on 5-5-92 is not insignificant. The benzene is the most important and there have been hits in every sample of this well.
3. The next quarterly monitoring report would be due now with sampling to have been done in August 1992. Please submit a report with some recommendation for further work you propose. The contamination seems to be fairly well delineated.

Enclosed is a format the Regional Board would like followed for site closure. Thank you for your cooperation. If you have any questions, please contact this office at (510) 271-4530.

Sincerely,

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

Thomas Peacock, Supervising HMS
Hazardous Material Division

cc: Richard Hiett, RWQCB
Edgar Howell, Chief - files
Texaco, ATTN: R. Zielinski, 100 Cutting Blvd., Richmond, CA 94804
Enclosure

P/O. Exxon Co. USA P 367 60449
230 ~~W~~ ~~W~~ ~~W~~ Rd Suite 1250
P.O. Box 4032
Concord CA 94524-2032
G. DeMarzo

DATE: 5/6/92
TO : Local Oversight Program
FROM: Barney
SUBJ: Transfer of Eligible Oversight Case

F/o Texaco
100 Cutting Blvd P 367 60448
Richmond CA 94804
R. Zielinski
Date obs. : 5/88 gasoline

Site name: Exxon
Address: 2200 E 12th city Oak zip 94606
Closure plan attached? Y N DepRef remaining \$ _____
DepRef Project # 4592359 ^{4592357 + 57072} STID #(if any) 245
Number of Tanks: 3 removed? Y N Date of removal 9/4/91
Samples received? Y N Contamination: PH gasoline
Petroleum Y N Types: Avgas Jet leaded unleaded Diesel
fuel oil waste oil kerosene solvents
Monitoring wells on site 8 Monitoring schedule? Y N
LUFT category 1 2 3 * H S C A R W G O
Briefly describe the following:
Preliminary Assessment _____
Remedial Action _____
Post Remedial Action Monitoring _____
Enforcement Action _____

HCA performed subsurface exploration; 23 borings made between 5/88 + 10/89. Soil gas survey performed in 9/88. One soil boring contained 1900 ppm TPH_g (MW-9E) at 5.5'. 8 MW's converted from bronze. MW 9-B had dissolved BTEX of 300ppb(R) in 6/88. This MW is located on NN corner & indicates plume is migrating offsite. Offsite wells MW 9F, ^{9G} 9H installed on E 14th & 22nd Ave. Need to assess gw contamination w/ potential of adding other wells on & offsite.

**ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 415/271-4320**

Project Specialist (print) Burney Chen

Contractor phase: 8/1/91

1. sign p 4 on all 3 copies
2. provide name of H+S officer
3. provide copy of workman's comp
4. all that work has been done H+S training
5. Leave one copy with Ala City

ACCEPTED

DEPARTMENT OF ENVIRONMENTAL HEALTH
470 - 127th Street, Third Floor
Oakland, CA 94612
Telephone: (415) 874-7237

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to your plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction.
One copy of these accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.

Any change or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspection Department to determine if such changes meet the requirements of State and local laws. Notify this Department at least 48 hours prior to the removing required inspections:

Removal of Tank and Piping

Sampling

Final Inspection

Obtaining a permit to operate is dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

Project # 0592359
Fee Paid 744.00
Date 3/11/91

UNDERGROUND TANK CLOSURE PLAN

* * * Complete according to attached instructions * * *

1. Business Name Wong's Exxon #7-0238
Business Owner Exxon Company, U.S.A.

2. Site Address 2200 East 12th Street
City Oakland, CA Zip _____ Phone 535-1672

3. Mailing Address Same as Above
City _____ Zip _____ Phone _____

4. Land Owner Exxon Company, U.S.A.
Address P.O. Box 53 City, State Houston, TX zip 77001

5. Generator name under which tank will be manifested Exxon Company U.S.A.
EPA I.D. No. under which tank will be manifested CAL000028844
~~CAD982463606~~

6. Contractor Work to be determined by bid. ^{Petroleum Engineering}
Address 520 72th St, Santa Rosa 11 W 9th St
City Oak Santa Rosa 95401 Phone 1-707-5450360
License Type B1, SC61, SC45 ID# 224358 exp 6/92
SC10

7. Consultant Majors Engineering, Inc.
Address 100 Park Place, Suite 220
City San Ramon, CA Phone 415-820-2423

8. Contact Person for Investigation
Name Jo Beth Folger Title Engineer
Phone 246-8770

9. Number of tanks being closed under this plan 4 (1 waste oil)
Length of piping being removed under this plan is piping being replaced?
Total number of tanks at facility 4

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

**** Underground tanks are hazardous waste and must be handled **
as hazardous waste**

a) Product/Residual Sludge/Rinsate Transporter 235-1393
Name Erickson EPA I.D. No. CAD009466392
Hauler License No. 019 License Exp. Date N/A
Address 255 Parr Blvd.
City Richmond State CA Zip 94801

b) Product/Residual Sludge/Rinsate Disposal Site
Name Erickson EPA I.D. No. _____
Address Same as Above
City _____ State _____ Zip _____

c) Tank and Piping Transporter

Name Erickson EPA I.D. No. CAD009466392
Hauler License No. 019 License Exp. Date N/A
Address 255 Parr Blvd.
City Richmond State CA Zip 94801

d) Tank and Piping Disposal Site

Name Erickson EPA I.D. No. _____
Address Same as Above
City _____ State _____ Zip _____

11. Experienced Sample Collector

Name Joshua DeCarl Anita Yan
Company EA Engineering
Address 41 Lafayette Circle
City Lafayette State CA Zip 94549 Phone 874-3081
(415)283-7077

12. Laboratory

Name Mobil Chem Lab
Address 5021 Blum Road, Suite 3
City Martinez State CA Zip 94553
State Certification No. 358

13. Have tanks or pipes leaked in the past? Yes [X] No []

If yes, describe. Remediation in progress. Case handled by Texaco.
(former Texaco site) Harding Lawson Associates
contact: Mike Sides

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated)	Sampling Plan 1 discrete / 20 cu yds for reuse

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

16. Chemical methods and associated detection limits to be used for analyzing samples

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
Total TPH g Hydrocarbon	EPA # 5030 8020	5030	1.0 ppm
BTEX TEL-LUPT	For Sup, Unl + Reg for Reg Fuel	8020	.005 ppm
metals (waste oil tank only)	Cd, Cr, Pb, Zn + Ni	6010 ICAP	
oil/grease (w/o only)	(3550) (5030)	5030 5520 DTF	
TPH g + d Chlorinated HC	8010 or 8240	GCLAD	
Semi-volatiles	8270		

For waste oil tank

17. Submit Site Health and Safety Plan (See Instructions)

12. Blank Unauthorized Leak/Contamination Site Report forms may be obtained in limited quantities from our office and from the San Francisco Bay Regional Water Quality Control Board (415/464-1255). Larger quantities may be obtained directly from the State Water Resources Control Board at (916) 739-2421.

13. As-built plans are to be submitted within 30 days of completion. Permit Application Forms A and B('s) are to be submitted and fees paid prior to operation of the tanks.

14. A written monitoring plan must be submitted prior to the operation of the tank and prior to the issuance of a permit.
I declare that to the best of my knowledge and belief the statements and information provided above are correct and true.

15. These instructions do not apply in the city limits of Fremont, Newark, Union City, Hayward, Pleasanton, Berkeley, or San Leandro as they enforce their own underground tank regulatory program.

I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

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

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted installation plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

Signature of Contractor

Name (please type) Petroleum Engineering

X Signature [Handwritten Signature]

X Date 8-19-91

Signature of Site Owner or Operator

Name (please type) Exxon Company, U.S.A.

Signature [Handwritten Signature]

Date 8/1/91

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)

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 7-0238, 2200 East 12th Street, Oakland, CA 94606

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

OB



Majors Engineering

91 APR 10 11:10:54

100 Park Place, Suite 220
San Ramon, CA 94583-1760
FAX (415) 820-3892
(415) 820-2423

April 8, 1991

Alameda County Health Agency
Division of Hazardous Materials
80 Swan Way, Room 200
Oakland, CA 94621

Attention: Barney Chan

REFERENCE: MJM #4423-01
Exxon #0238
2200 East 12th Street
Oakland, CA

Dear Barney:

The Exxon engineer has informed me of the following addition and change for the Closure Plan for the above referenced station.

1. The Contractor will be:
Woodward-Clyde
500 12th Street, Suite 100
Oakland, CA 94607
2. The sample collector has been changed to:
Anita Yan
874-3081

If you have any questions, please call.

Yours truly,

Barbara Coenen

BC:jw

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



October 22, 1990

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

Mr. Ron Zielinski
Texaco Refining and Marketing
100 Cutting Blvd.
Richmond, CA 94804

Re: Remediation at 2200 E. 12th Street, Oakland 94606

Dear Mr. Zielinski:

Alameda County Environmental Health Hazardous Materials Division has received and reviewed the quarterly reports and the Soil and Groundwater Remediation Plan for the above referenced site as prepared for you by Harding Lawson Associates. The proposal for removing soils containing greater than 100 ppm TPH in the vicinity of MW-9E is acceptable. It is also agreed that excavation is not, at this time, necessary in the area around SB-4 because of the potential of rupturing a fuel line and the lower TPH concentration found. Because the monitoring wells have indicated significant BTEX concentrations (17.1 ppb) only in this area, around MW-9E, the removal of this soil may remove the source of potential contamination. You are reminded to notify Alameda County of any changes in your proposed work plan and to send copies of all future proposals and quarterly reports to the SFRWQCB as well as our agency.

Please contact the undersigned at 271-4320 should you have any questions regarding this letter.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

cc: Gil Jensen, Alameda County District Attorney , Consumer and
Environmental Protection Division
Edgar Howell III, Chief Hazardous Materials Division
Lester Feldman, SFRWQCB
Mr. Randolph Stone, Harding Lawson Associates

LS



October 11, 1990

2251,112.03

Alameda County Environmental Health Division
80 Swan Way, Room 200
Oakland, California 94621

Attention: Mr. Barney Chan

Gentlemen:

Excavation and Soil Remediation
2200 East 12th Street
Oakland, California

This letter serves as notification to the Alameda County Health Department (ACHD) that excavation and soil remediation is scheduled at the Exxon Service Station, 2200 12th Street in Oakland, California beginning October 22, 1990. Texaco Refining and Marketing Inc., former owners of the property, have contracted Harding Lawson Associates (HLA) to perform the work detailed in our Remedial Action Plan dated May 11, 1990.

We anticipate that the soil excavation and remediation will take approximately four days for excavation and backfilling and six weeks for soil remediation and subsequent disposal. Up to 300 cubic yards of soil may be stockpiled to the east of the service station building over the six week period.

If this proposed work is not acceptable to ACHD, or if you have any questions, please give me a call.

Sincerely,

HARDING LAWSON ASSOCIATES

A handwritten signature in cursive script that reads "Randolph Stone".

Randolph Stone
Associate Hydrogeologist

RS/mlw 031766P/L27

cc: Texaco Refining and Marketing Inc.
100 Cutting Boulevard
Richmond, California 94804
Attention: Mr. R. R. Zielinski

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



June 28, 1990

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

Mr. Ron Zielinski
Texaco Refining and Machinery
100 Cutting Blvd.
Richmond, CA 94804

Re: Deposit Fee for Oversight of Remediation at [REDACTED],
Oakland 94606

Dear Mr. Zielinski:

Alameda County Environmental Health, Hazardous Materials Division, has been contacted by Mr. Dan Heninger of Harding Lawson Associates regarding our oversight of the planned remediation at 2200 East 12th St., Oakland 94606. Please submit a check for \$500.00 payable to Alameda County, for our oversight of this project. Any plan review, sight visit, sample witnessing etc. will be deducted from this deposit at a rate of \$60.00/hr.

Please contact Barney Chan, Hazardous Materials Specialist, from our office at 271-4320 should you have any questions.

Sincerely,

Edgar B. Howell III
Chief, Hazardous Materials Division

cc: Rafat Shahid, Asst. Agency Director, Department of Environmental
Health
files