

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



SENT

08-11-06

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

August 10, 2006

Mr. Jeffrey Baker
Tesoro Petroleum Companies, Inc.
3450 S. 344th Way, Ste. 100
Auburn, WA 98001-5931

Mr. Sam Hirbod
Hirbod Enterprises
111 Deerwood Road, Suite 110
San Ramon, CA 94583

Subject: Fuel Leak Case No. RO0000498, Beacon #721, 44 Lewelling Blvd., San Lorenzo, CA

Dear Mr. Baker:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the documents entitled, "Plume Delineation Work Plan and Limited Well Survey," dated July 9, 2006 and received by ACEH on July 18, 2006 and "First Quarter 2006 Groundwater Monitoring/ Remediation Status Report," dated May 31, 2006. ACEH also reviewed the Site Conceptual Model, which is available at the Tesoro Petroleum Sharepoint web site. The "Plume Delineation Work Plan and Limited Well Survey," dated July 9, 2006 proposes to sample existing wells rather than conduct plume delineation. We disagree with this approach and request that you submit a revised Work Plan for Plume Delineation by September 26, 2006.

We request that you address the following technical comments, perform the proposed work, and send us the technical reports requested below.

TECHNICAL COMMENTS

1. **Proposed Delineation.** The report recommends reinstating sampling of wells MW-7, MW-8, and MW-9 to help delineate the lateral extent of the plume. Since groundwater monitoring data have been collected since 1998 for these wells and the data indicate that the wells are generally outside the plume, reinstating groundwater monitoring of these wells will not provide useful information for plume delineation. The two existing wells within the plume, MW-10 and MW-11, provide two monitoring points but it is not clear whether wells MW-10 and MW-11 are directly downgradient from the source, whether the wells are within the central portion of the plume, whether there are preferential pathways such as channels to facilitate contaminant transport, and whether contaminant transport is occurring within water-bearing zones below wells MW-10 and MW-11. Therefore, plume delineation is required in order to assess the lateral and vertical extent of contamination, to assess the performance of the groundwater remediation systems, and to evaluate natural attenuation of the plume. We recommend that you use continuous logging of soil borings or cone penetrometer borings to define the soil stratigraphy and collect soil samples for laboratory analyses where necessary.

The borings should be located along transects that are approximately perpendicular or parallel to groundwater flow to define both the lateral and vertical extent of the plume. Depth-discrete groundwater sampling is recommended prior to installation of monitoring wells. The selection of intervals for depth-discrete groundwater sampling is to be based on the encountered soil stratigraphy. Please include your plans for plume delineation in the revised Work Plan requested below.

2. **Discussion of Aquitard and Direct Push Technology.** The first paragraph of the section entitled "Proposed Delineation," includes three sentences discussing an aquitard and limitations of direct push technology. It is not clear how this discussion relates to plume delineation. The possible presence of an aquitard and the limitations of direct push technology will affect but do not prevent plume delineation. The Site Conceptual Model (SCM) does not mention a homogeneous aquitard beneath the site. Please provide further information, including references, on the nature and depth of the aquitard in the revised Work Plan requested below. Also please indicate whether any borings for the site have intercepted an aquitard. Based on cross sections included in the SCM, the deepest boring at the site is RW-1, which extended to a depth of 39 feet below grade. The gravel pack for well RW-1 extends from approximately 14 to 39 feet below grade.
3. **Sampling Domestic Wells.** We concur with the proposal to sample the downgradient domestic wells located at 15800 and 15808 Via Cordoba and 246 Peach Drive. Please sample these wells on a semi-annual basis and include the results in the groundwater monitoring reports requested below. Sampling of these wells may help to assess downgradient extent of the plume but will not achieve plume delineation as discussed in technical comment 1 above.
4. **Monitored Natural Attenuation Parameters.** We have no objection to the proposal to measure monitored natural attenuation (MNA) parameters during quarterly groundwater monitoring. Measurement of the field MNA parameters is to be conducted during all quarterly monitoring events. However, monitored natural attenuation cannot be fully evaluated until plume delineation is complete. Therefore, we recommend that you delay measurement of MNA laboratory parameters until plume delineation is complete.
5. **Well Survey.** Please present the results of the well survey in the Quarterly Monitoring and Remediation Status Report for the Second Quarter 2006 requested below.
6. **Groundwater Monitoring.** Please continue quarterly groundwater monitoring and present the results in the reports requested below.

TECHNICAL REPORT REQUEST

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

- **August 30, 2006** – Quarterly Monitoring and Remediation Status Report for the Second Quarter 2006
- **September 26, 2006** – Revised Work Plan

- **November 30, 2006** – Quarterly Monitoring and Remediation Status Report for the Third Quarter 2006

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

Effective **January 31, 2006**, 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

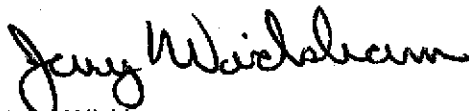
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

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.

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Michael Nickelsen
Haley & Aldrich
200 Town Centre Drive, Suite 2
Rochester, NY 14623

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

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DAVID J. KEARS, Agency Director



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May 3, 2006

Mr. Jeffrey Baker
Tesoro Petroleum Companies, Inc.
3450 S. 344th Way, Ste. 100
Auburn, WA 98001-5931

Mr. Sam Hirbod
Hirbod Enterprises
111 Deenwood Road, Suite 110
San Ramon, CA 94583

Subject: Fuel Leak Case No. RO0000498, Beacon #721, 44 Lewelling Blvd., San Lorenzo, CA

Dear Mr. Baker:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the document entitled, "Fourth Quarter 2005 Groundwater Monitoring/ Remediation Status Report and Site Conceptual Model Update," dated March 31, 2006 (report). ACEH also reviewed the Site Conceptual Model, which is available at the Tesoro Petroleum Sharepoint web site. In correspondence dated December 9, 2005, ACEH previously requested ozone sparge well installation, addition of an ozone generator, expansion of the groundwater extraction system, additional plume delineation, an updated well survey, a utility survey, and groundwater monitoring. The "Fourth Quarter 2005 Groundwater Monitoring/ Remediation Status Report and Site Conceptual Model Update," presents recommendations regarding each of the requested activities.

We request that you address the following technical comments, perform the proposed work, and send us the technical reports requested below.

TECHNICAL COMMENTS

1. **Groundwater Beneficial Use in the Area of the Site.** The SCM Update compares contaminant concentrations in groundwater at the site to Environmental Screening Levels (*Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, San Francisco Bay Regional Water Quality Control Board Interim Final - February 2005) for groundwater that is not a current or potential drinking water resource. Please note that groundwater in the area of the site is a potential drinking water resource.
2. **Ozone Sparge Well Installation/Generator Installation.** The report recommends that the installation of three ozone sparge wells along the western boundary of the property and installation of an ozone generator be delayed while additional site data are collected and a remedial plan is developed. Review of the data collected during and following the expansion of the groundwater extraction system prior to the installation of ozone sparge wells is acceptable. Please include recommendations regarding ozone sparge well/generator

installation in the Quarterly Monitoring and Remediation Status Report for the Second Quarter 2006.

3. **Expansion of Groundwater Extraction System.** ACEH concurs with the proposed addition of recovery wells MW-3R and RW-2 to the groundwater extraction system and the proposed data collection concurrent with the expansion of the extraction system. Water level measurements are to be collected using dataloggers and hand held instruments to assess the area of influence from the new pumping wells. Please present the results of the proposed data collection no later than the Quarterly Monitoring and Remediation Status Report for the Second Quarter 2006.
4. **Plume Delineation.** Only monitoring wells MW-10 and MW-11 are located in the downgradient portion of the plume. The refinement of existing cross sections, which already incorporate the two wells, will not address the need for plume delineation. Therefore, we reiterate the previous request in our December 8, 2005 correspondence to define the lateral and vertical extent of the plume in the downgradient direction. Please include your plans for plume delineation in the Work Plan requested below.
5. **Updated Well Survey.** Please present the results of the updated well survey in the Work Plan requested below.
6. **Utility Survey.** Please present the results of the site utility survey no later than the Quarterly Monitoring and Remediation Status Report for the Second Quarter 2006.
7. **Groundwater Monitoring.** Please continue quarterly groundwater monitoring and present the results in the reports requested below. ACEH requests that ethanol be included as an analyte for the on-site monitoring wells in addition to the current analytes. In addition, the irrigation wells at 15800 and 15808 Via Cordoba are to be sampled on a semi-annual basis and the results presented in the groundwater monitoring reports requested below.

TECHNICAL REPORT REQUEST

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

- **May 31, 2006** – Quarterly Monitoring and Remediation Status Report for the First Quarter 2006
- **July 18, 2006** – Work Plan
- **August 30, 2006** – Quarterly Monitoring and Remediation Status Report for the Second Quarter 2006

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

Effective January 31, 2006, 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).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at jerry.wickham@acgov.org.

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.

Mr. Jeffrey Baker
May 3, 2006
Page 4

UNDERGROUND STORAGE TANK CLEANUP FUND

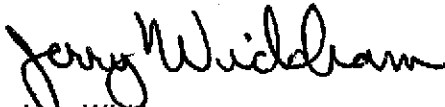
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

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.

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Michael Nickelsen
Haley & Aldrich
200 Town Centre Drive, Suite 2
Rochester, NY 14623

Donna Drogos, ACEH
Jerry Wickham, ACEH
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April 28, 2006

Mr. Jeffrey Baker
Tesoro Petroleum Companies, Inc.
3450 S. 344th Way, Ste. 100
Auburn, WA 98001-5931

Mr. Sam Hirbod
Hirbod Enterprises
111 Deerwood Road, Suite 110
San Ramon, CA 94583

Subject: Fuel Leak Case No. RO0000498, Beacon #721, 44 Lewelling Blvd., San Lorenzo, CA

Dear Mr. Baker:

You recently submitted a report by electronic mail for the above-referenced site entitled, "Fourth Quarter 2005 Groundwater Monitoring/Remediation Status Report and Site Conceptual Model," dated March 31, 2006. Please note that effective January 31, 2006, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Hard copies of reports are no longer accepted. **Therefore, please upload the "Fourth Quarter 2005 Groundwater Monitoring/Remediation Status Report and Site Conceptual Model," dated March 31, 2006 and all future reports to the Alameda County FTP site as outlined in the following discussion of "Electronic Submittal of Reports," and the enclosed, "Electronic Report Upload (ftp) Instructions."**

ELECTRONIC SUBMITTAL OF REPORTS

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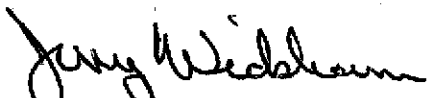
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Mr. Jeffrey Baker
April 28, 2006
Page 2

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at jerry.wickham@acgov.org.

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Richard Munsch
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ALAMEDA COUNTY
HEALTH CARE SERVICES



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December 9, 2005

Mr. Jeffrey Baker
Tesoro Petroleum Companies, Inc.
3450 S. 344th Way, Ste. 100
Auburn, WA 98001-5931

Douglas Oil Company of California
P.O. Box 1267
Ponca City, OK 74603

Mr. Sam Hirbod
Hirbod Enterprises
111 Deerwood Road, Suite 110
San Ramon, CA 94583

Subject: Fuel Leak Case No. RO0000498, Beacon #721, 44 Lewelling Blvd., San Lorenzo, CA

Dear Mr. Baker:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site including the documents entitled, "Quarterly Monitoring Report and Remediation Status Report, Third Quarter 2005," dated November 10, 2005, "Ozone Sparge Well Installation Work Plan," dated November 24, 2004, and "Recovery Well Installation Results Report," dated November 3, 2004. ACEH also reviewed the Site Conceptual Model, which is available at the project internet web site. The "Quarterly Monitoring Report and Remediation Status Report, Third Quarter 2005," includes results of quarterly groundwater monitoring and presents conclusions and recommendations for future actions.

Based on our review of these documents and the case file, we request that you address the following technical comments, perform the proposed work, and send us the technical reports requested below.

TECHNICAL COMMENTS

1. **Site Conceptual Model.** The Site Conceptual Model (SCM) on the project internet web site is a useful resource for review of the site. We encourage you to periodically update the SCM as additional results become available.
2. **Ozone Sparge Well Installation.** ACEH concurs with the proposal in the "Ozone Sparge Well Installation Work Plan," to install three ozone sparge wells along the western boundary of the property. The Work Plan indicates that soil samples will be collected every five feet for logging purposes. ACEH requests that soil samples be collected continuously for logging purposes in order to provide better definition of soil conditions. Previous borings at the site have been sampled at five-foot intervals and have shown significant differences between adjacent borings. We have no objection to screening the soil samples to make decisions regarding submitting soil samples for laboratory analyses. However, we request that soil samples be submitted for laboratory analyses for all depth intervals where staining, odor, or elevated PID readings are observed. If staining, odor, or elevated PID readings are

observed over an interval of several feet, a sufficient number of soil samples from this interval should be submitted for laboratory analyses to characterize the fuel hydrocarbon concentrations within this interval. We concur with the proposed analyses but request that ethanol also be included as an analyte. Please include these results in the Quarterly Monitoring and Remediation Status Report for the First Quarter 2006.

3. **Addition of Ozone Generator.** The proposed addition of an ozone generator to the air sparging system as proposed in the "Quarterly Monitoring Report and Remediation Status Report, Third Quarter 2005," is acceptable.
4. **Expansion of Groundwater Extraction System.** ACEH concurs with the proposed addition of recovery wells MW-3R and RW-2 to the groundwater extraction system. ACEH has no objections to the equipment modifications proposed for the soil vapor extraction blower and air sparging compressor. Please provide information regarding these modifications in the Quarterly Monitoring and Remediation Status Reports.
5. **Plume Delineation.** The plume of dissolved fuel hydrocarbons originating from the site has not been sufficiently defined laterally and vertically. The two monitoring wells within the downgradient portion of the plume, MW-10 and MW-11, do not provide sufficient plume delineation, particularly given the heterogeneous hydrogeologic conditions encountered in the area. In addition, well MW-10 appears to be screened within a different soil unit than well MW-11. Please consider the collection of detailed lithologic information using soil borings, direct push sampling, and/or cone penetrometer to better define the hydrogeology of the site along with the use of depth-discrete groundwater samples collected along transects to characterize the site prior to installation of monitoring wells. We request that you plot the detailed lithologic information and analytical data on hydrogeologic cross sections to determine the appropriate locations and designs for monitoring wells/well clusters that are needed to characterize the three-dimensional extent of soil and groundwater contamination at the site. Please include your plans for plume delineation in the Work Plan requested below.
6. **Updated Well Survey.** The previous well survey for the site was presented in a report entitled "Problem Assessment Report," dated November 22, 1989. The well survey did not include well construction details and did not identify the two irrigation wells on Via Cordoba. ACEH requests that you conduct a current well survey to locate all wells (monitoring and water supply wells: active, inactive, standby, decommissioned, and abandoned wells) within a 2,000-foot radius of the site. Submittal of maps 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. We recommend that you obtain well information from the Alameda County Public Works Agency and State of California Department of Water Resources, at a minimum. Please include an analysis and interpretation of your findings, and report your results in the Work Plan requested below.
7. **Utility Survey.** We request that you complete the utility survey for the site and evaluate whether any underground utilities could potentially act as preferential pathways for contaminant migrations. Please show the locations of utilities that may act as preferential pathways along with the high and low depths to groundwater on cross sections.

8. **Groundwater Monitoring.** Please continue quarterly groundwater monitoring and present the results in the reports requested below. ACEH requests that ethanol be included as an analyte for the on-site monitoring wells in addition to the current analytes. In addition, the irrigation wells at 15800 and 15808 Via Cordoba are to be sampled on a semi-annual basis and the results presented in the groundwater monitoring reports requested below.

TECHNICAL REPORT REQUEST

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

- **February 15, 2006** – Quarterly Monitoring and Remediation Status Report for the Fourth Quarter 2005
- **February 27, 2006** – Work Plan for Site Characterization
- **May 15, 2006** – Quarterly Monitoring and Remediation Status Report for the First Quarter 2006
- **August 15, 2006** – Quarterly Monitoring and Remediation Status Report for the Second Quarter 2006

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

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) now request submission of reports in electronic form. The electronic copy is intended to replace the need for a paper copy and is expected to 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 Instructions." 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. 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 monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). Please visit the State Water Resources Control Board for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

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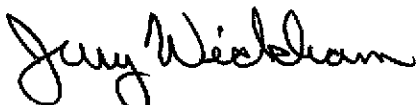
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Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Mr. Jeffrey Baker
December 9, 2005
Page 5

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cc: Richard Munsch
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1704 Via Riata
Roseville, CA 95747

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



305T 5-504

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

RO0000498

May 5, 2004

Mr. Jeffrey Baker
Tesoro
3450 South 344th Way, Suite 100
Auburn, WA 98001-5931

RE: Work Plan Approval for Tesoro Station No. 67107 at 44 Lewelling Blvd, San Lorenzo, CA

Dear Mr. Baker:

I have completed review of RDM's *Recovery Well Installation Work Plan* report prepared for the above referenced site. The proposal to install an additional recovery well (RW-2) and convert monitoring wells MW-3 and MW-10 into recovery wells to address the MTBE plume is acceptable. Field work should commence within 60 days of the date of this letter, or by July 7, 2004.

If you have any questions, I can be reached at (510) 567-6762 or by email at echu@co.alameda.ca.us.

eva chu
Hazardous Materials Specialist

c: Donna Drogos

Richard Munch
RMD Environmental
1704 Via Riata
Roseville, CA 95747

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SENT
03-22-04

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

RO0000498

March 19, 2004

Mr. Jeffrey Baker
Tesoro
3450 South 344th Way, Suite 100
Auburn, WA 98001-5931

RE: Tesoro Station No. 67107 at 44 Lewelling Blvd, San Lorenzo, CA

Dear Mr. Baker:

I have completed review of RDM's *Quarterly Ground Water Monitoring and Remediation System Status Report, Fourth Quarter 2003*, prepared for the above referenced site. Tesoro recommended evaluating options to incorporate well MW-10 into the recovery well pumping operation and to utilize ozone to enhance cleanup efficiency.

This agency does not object to your recommendations. You may proceed with a pilot test to see if the above can be implemented to expedite site cleanup. Please continue to keep this agency updated on remediation status.

If you have any questions, I can be reached at (510) 567-6762 or by email at echu@co.alameda.ca.us.

eva chu
Hazardous Materials Specialist

c: Donna Drogos

Richard Munch
RMD Environmental
1704 Via Riata
Roseville, CA 95747

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



2-14-02

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

RO0000498

February 13, 2002

Mr. Joe Aldridge
Ultramar
685 W 3rd Street
Hanford, CA 93230

RE: Groundwater Monitoring at Beacon Station No. 721, 44 Lewelling Blvd., San Lorenzo, CA

Dear Mr. Aldridge:

I have completed review of RDM's February 2002 *Quarterly Ground Water Monitoring and Remediation System Status Report, Fourth Quarter 2001* prepared for the above referenced site. Groundwater and soil vapor extraction and air sparging is still employed to remediate MTBE at the site. Currently groundwater monitoring wells MW-1, MW-2, MW-3, MW-4, MW-7, MW-10, MW-11 and RW-1 are sampled on a quarterly basis.

For the next sampling event, please include the sampling of groundwater from well MW-9. Groundwater from all wells should also be analyzed for MTBE and other ether oxygenates next quarter. If MTBE is detected in well MW-9, then continue with quarterly sampling. If not, continue with semi-annual sampling.

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

A handwritten signature in black ink, appearing to read 'eva chu'.

eva chu
Hazardous Materials Specialist

c: Richard Munch
RMD Environmental
1704 Via Riata
Roseville, CA 95747

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



20498

October 30, 2001

PR0501297

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

Dennis Smith
Operations and Environmental Specialist
Ultramar, Inc.
685 West Third Street
Hanford, California 93230-5016

Sharon Burk
Operator
Beacon #3721
44 Lewelling Boulevard
San Lorenzo, California 94580

Subject: Operating permit for Beacon #3721, 44 Lewelling Boulevard, San Lorenzo, California 94580

Dear Mr. Smith and Ms. Burk:

This letter is intended to guide, the owner/operator, in the proper management of the underground storage tanks (USTs) located at the subject site and to describe actions necessary for compliance with the permit conditions.

The installed system at the above location includes three double wall fiberglass clad steel motor vehicle fuel tanks. All components of the fuel delivery system are continuously monitored for product releases. Tank leak detection is performed continuously in the annular space of each of the USTs. The double wall fiberglass reinforced plastic pressurized piping is monitored continuously at the submersible turbine pump sump (STPS). The electronic monitor, Gilbarco EMC, is configured to shut down the appropriate turbine(s) if the monitor is in alarm as a result of a product detection in the STPS. In the fail safe configuration, the Gilbarco EMC will also shut down the turbines if power to the monitor is disconnected. The dispenser containment pans are monitored with a float mechanism which shuts off the shear valve and stops the flow of product.

The pressurized product lines shall be monitored using the installed mechanical line leak detector that is capable of detecting a 3.0 gallon per hour (gph) release from the primary containment. The mechanical line leak detector shall be performance tested annually. Annually, the primary piping shall be tested by a California licensed integrity tester. The test shall be capable of detecting a release of 0.1gph from the primary containment. All test results shall be submitted to this office within 30 days of the tests.

All secondary containment structures installed as of July 25, 2001 shall be retested no later than February 2002. The testing contractor shall notify this office 72 hours prior to the test. Any structures which fail to pass the retest shall be replaced or repaired under the supervision of this office. All secondary containment structures shall be tested triennially based on the February 2002 anniversary date.

Beacon 3721
October 30, 2001
page 2

Compliance with the following conditions is a requirement of the permit to operate:

1. Perform leak detection using the sensors and monitoring system as described above and in your tank management plan.
2. Provide a qualified maintenance contractor for the annual inspection of the entire UST system. The required annual certification may take place concurrently.
3. Annually perform operational tests on the electronic monitoring equipment employing factory certified technicians. Maintain records of all maintenance performed on the tank system for no less than three years.
4. Maintain written records of all liquid alarm conditions and their resolution. Maintain certification of financial responsibility with documentation on-site.
5. Provide employee training and document such training necessary to operate a retail fueling station including but not limited to responding to fuel spills and emergencies.
6. Report unauthorized releases to this office within 24 hours of discovery. Provide a written report within five working days.
7. Any changes in the monitoring equipment must be pre-approved by this office prior to implementation.
8. Report changes in facility operator or tank ownership within 30 days of the change.
9. Maintain a copy of the operating permit and operating conditions on-site.

This permit expires on July 24, 2006. If you have any questions regarding the operation of this tank system please contact me at (510) 567-6781.

Sincerely,



Robert Weston
Sr. Hazardous Materials Specialist

enclosures

c: Susan Hugo, Manager, ACDEH

ALAMEDA COUNTY
HEALTH CARE SERVICES



12-20-2000

AGENCY

DAVID J. KEARS, Agency Director

20498

StID 1497

December 19, 2000

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

Mr. Joe Aldridge
Ultramar
525 West Third Street
Hanford, CA 93230

RE: Groundwater Monitoring at Beacon Station No. 721, 44 Lewelling Blvd., San Lorenzo, CA

Dear Mr. Aldridge:

I have completed review of Delta Environmental Consultants, Inc.'s November 2000 *Quarterly Ground Water Monitoring and Remediation System Status Report* prepared for the above referenced site. Per the report, the remediation system was not in operation during the third quarter 2000. And, elevated MTBE concentrations continue to be detected in Well MW-2 (at 46,000 ppb).

At this time, please re-instate quarterly sampling of Well MW-4 (along with MW-1, MW-2, MW-3, and MW-10). And, I recommend that a groundwater monitoring well be installed midway between Wells MW-2 and MW-10. This is requested so the MTBE plume can be better tracked. A workplan for the installation of another monitoring well is due within 60 days of the date of this letter, or by **February 13, 2001**.

Lastly, please provide an update on when and if the remediation system will be put back into operation. If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

c: Michael Berrington, Delta Environmental, 3164 Gold Camp Drive, Suite 200,
Rancho Cordova, CA 95670-6021

PS The RWQCB does not need to receive copies of environmental reports for this site.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



12-11-00

20498

StID 1497

December 8, 2000

Mr. Joe Aldridge
Ultramar
P.O. Box 466
Hanford, CA 93232-0406

RE: Groundwater Monitoring at Beacon Station No. 721, 44 Lewelling Blvd., San Lorenzo, CA

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

Dear Mr. Aldridge:

I have completed review of Delta Environmental Consultants, Inc.'s November 2000 *Quarterly Ground Water Monitoring and Remediation System Status Report* prepared for the above referenced site. Per the report, the remediation system was not in operation during the third quarter 2000. And, elevated MTBE concentrations continue to be detected in Well MW-2 (at 46,000 ppb).

At this time, please re-instate quarterly sampling of Well MW-4 (along with MW-1, MW-2, MW-3, and MW-10). And, I recommend that a groundwater monitoring well be installed midway between Wells MW-2 and MW-10. This is requested so the MTBE plume can be better tracked. A workplan for the installation of another monitoring well is due within 60 days of the date of this letter, or by **February 13, 2001**.

Lastly, please provide an update on when and if the remediation system will be put back into operation. If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

c: Michael Berrington, Delta Environmental, 3164 Gold Camp Drive, Suite 200,
Rancho Cordova, CA 95670-6021

PS The RWQCB does not need to receive copies of environmental reports for this site.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SENT 9-5-2000

P0498

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

StID 1497

September 1, 2000

Mr. Joe Aldridge
Ultramar
PO Box 466
Hanford, CA 93232-0406

RE: Soil Vapor Extraction System at 44 Lewelling Blvd., San Lorenzo, CA

Dear Mr. Aldridge:

I have completed review of Delta Environmental Consultants, Inc.'s July 2000 *Quarterly Ground Water Monitoring and Remediation System Status Report* prepared for the above referenced site. Elevated MTBE concentrations continue to be detected in groundwater from Wells MW-2 and MW-4. The soil and groundwater extraction systems operated intermittently during the second quarter 2000 in attempts to remediate MTBE in soil and groundwater. Air samples were collected from the extraction system and analyzed for TPHg and BTEX.

Soil vapor is extracted from Wells MW-3 and RW-1. Since it appears that the dispenser islands are within the MTBE source area, Well MW-2 should be tied into the soil vapor extraction system (SVE). Please make modifications to the SVE system to include Well MW-2. If you believe that additional vapor extraction wells are necessary, a workplan should be submitted for review. Future air samples collected from the SVE should also be quantified for MTBE.

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

A handwritten signature in black ink, appearing to read 'eva chu'.

eva chu
Hazardous Materials Specialist

email: Richard Munsch (rmunsch@deltaenv.com)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO# 498

ENVIRONMENTAL HEALTH SERVICES

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

StID 1497

January 19, 1999

Mr. Terrence Fox
Ultramar
PO Box 466
Hanford, CA 93232-0406

RE: Groundwater Sampling Frequency at 44 Lewelling Blvd, San Lorenzo, CA

Dear Mr. Fox:

I have completed review of Delta Environmental's January 1999 *Quarterly Groundwater Monitoring Report, Fourth Quarter 1998* prepared for the above referenced site. Groundwater from well MW-2 continues to exhibit elevated levels of MTBE (up to 17,000ppb). Ultramar is planning to restart the vapor extraction system in the first quarter of 1999 to reduce the MTBE levels.

Once the remediation system is operation, please keep me apprised of the effectiveness of MTBE removal from soil and groundwater. At this time, it is appropriate to reduce the groundwater sampling frequency of the various monitoring wells as follows:

- discontinue sampling of wells MW-5, MW-6, MW-8, and MW-9;
- semi-annual sampling of wells MW-4, and MW-11;
- annual sampling of well MW-7; and,
- quarterly sampling of wells MW-1, MW-2, MW-3 and MW-10.

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


Hazardous Materials Specialist

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO# 498

August 6, 1997

STID# 1497

Mr. Terrence Fox
Senior Project Manager
Ultramar Inc.
P.O. Box 466
525 W. Third Street,
Hanford, CA 93232-0466

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

**Subject: Beacon Station No. 721, located at 44 Lewelling Blvd.,
San Lorenzo, CA 94580**

Dear Mr. Fox:

This office has received and reviewed the "Workplan for Soil Sample Collection", dated July 22, 1997, submitted by Delta Environmental Consultants Inc., your consultant of record. Thank you for submission of the above referenced document.

This office concurs with the scope of work as outlined by your consultant. However, in reviewing the workplan, and conferring with Kevin Graves, contact with the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB), there are some additional items required prior to approval of the plan.

It will be necessary for the laboratory analysis to include screening for MTBE as part of the 8020 procedure. Please submit an addendum to the plan specifying the requested sampling within fourteen (14) days. Upon receipt of this document, the workplan will be approved. Please contact this office as to when the site work will be undertaken.

If you have any questions, please contact this office. The number is (510) 567-6737.

Sincerely,

Brian P. Oliva, REHS, REA,
Senior Hazardous Materials Specialist

cc: Kevin Graves, SFBRWQCB
Delta Environmental, 3164 Gold Camp Drive, Suite 200, Rancho
Cordova, CA 95670
Tom Peacock, Manager, LOP

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO# 498

ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250

Alameda, CA 94502-6577

(510) 567-6700

(510) 337-9335 (FAX)

StId 1497/lop

June 5, 1997

Terrence A. Fox
Ultramar, Inc.
PO Box 466
Hanford CA 93232-0466

Subject: Beacon Station #721, 44 Lewelling Blvd., San Lorenzo CA

Dear Mr. Fox:

This letter is a follow-up to our telephone conversation on April 11, 1997, and your letter dated April 8, 1997. This office concurs with your request to implement the non-purge approach for sampling monitoring wells at the subject site. Sampling practices at the site must adhere to the San Francisco Bay Regional Water Quality Control Board's (RWQCB) January 31, 1997 protocol for the non-purging approach.

It is my understanding that all ORC treatment socks have been permanently removed from monitoring wells MW-1, MW-2, MW-3, and MW-10. Before implementing the non-purge approach, please ensure that these wells are purged. In addition, monitoring well MW-3 should be redeveloped since it has been reported dry since June 1996.

Please include a discussion of results of the above mentioned items and a report on the remediation system performance in the next quarterly monitoring report submitted to this office for review. Should you have questions, please call me at (510)567-6755.

Sincerely,

Amy Leech
Hazardous Materials Specialist

c: Michael Berrington, Delta Environmental, 3164 Gold Camp Dr., Suite 200,
Rancho Cordova CA 95670

ALL-file

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO# 498

StId 1497

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

October 30, 1996

Terrence A. Fox
Ultramar, Inc.
PO Box 466
Hanford CA 93232-0466

Subject: Approval of work plan for Beacon Station #721, 44 Lewelling Blvd., San Lorenzo, CA

Dear Mr. Fox:

This office has reviewed Delta Environmental Consultants, Inc.'s (Delta) *Soil Sampling/Management Plan*, dated October 18, 1996. This work plan proposes to complete soil sampling subsequent to removal of existing product distribution lines at the subject site. This work plan is acceptable to this office.

Please notify me at least 72 hours in advance to schedule soil sampling field activities and if you have question. My telephone number is (510)567-6755.

Sincerely,

Amy Leech
Hazardous Materials Specialist

c: Delta Environmental Consultants, Inc.
3164 Gold Camp Dr, Suite 200
Rancho Cordova CA 95670

Don Atkinson-Adams
File(ALL)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

R0#498

October 15, 1996

Sandy Edwards
Ultramar Inc.
525 W. Third Street
Hanford, CA

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

STID 1497

Subject: Installation Proposal for Beacon Station #1-721 at 44 Lewelling Boulevard,
San Lorenzo, CA 94580.

Dear Ms. Edwards:

We have reviewed the revised plans which you submitted to us for our approval. The plans appear to be fine. However, we still need some information about the contractor before we can give our approval of the installation.

This office now has a new installation application packet which we would like filled out and returned to us. Please do not send any additional funds at this time. (Note: I filled in some of the information for you.)

If you have any questions please contact me at (510)567-6734.

Sincerely,

Don Atkinson-Adams
Hazardous Materials Specialist

Enclosures:

Installation Application packet (new)
Consolidated Tank Management Plan

cc: Bill Reynolds, East Area Manager
Rob Weston, Senior Hazardous Materials Specialist

ust\44lewel.106

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0498

RAFAT A. SHAHID, Director

StId 1497

August 15, 1995

Terrence A. Fox
Ultramar, Inc.
PO Box 466
Hanford CA 93232-0466

DEPARTMENT OF ENVIRONMENTAL HEALTH
Environmental Protection Division
1131 Harbor Bay Parkway, #250
Alameda, CA 94502-6577
(510) 567-6700

Subject: Approval of work plan for Beacon Station #721, 44
Lewelling Blvd., San Lorenzo, CA

Dear Mr. Fox:

This office has reviewed Delta Environmental Consultants, Inc.'s (Delta) work plan, dated July 11, 1995. This work plan proposes to install three air sparging wells to be used as remedial testing at the subject site. This work plan for an air sparging feasibility study is acceptable to this office with the following comments/additions:

- o Please include a site-specific evaluation on the effectiveness of the air sparging/vapor extraction system in the final report describing this work. Todd Galati with Delta indicated during our August 15th telephone conversation, that he expects that the air sparging system will be operational less than six months. If the air sparging/vapor extraction system is not effective in reducing petroleum contamination to soil and groundwater during this time or the radius of influence is not adequate, then other remedial alternatives will need to be proposed and implemented at this site.

Implementation of this work plan should begin within 30 days from the date of this letter. A final report documenting the results of this investigation is due to this office within 45 days of implementing the work plan. As I indicated to Mr. Galati, this "final report" can be incorporated into the next quarterly report.

Please contact me at (510)567-6755 if you have question or comments. We hope this study goes well and look forward to receiving the evaluation and preliminary results in the next quarterly monitoring report.

Sincerely,

A handwritten signature in cursive script, appearing to read "Amy Leech".

Amy Leech
Hazardous Materials Specialist

Fox/Ultramar

Re: 44 Lewelling Blvd., San Lorenzo

August 15, 1995

Page 2 of 2

c: Delta Environmental Consultants, Inc.
3164 Gold Camp Dr, Suite 200
Rancho Cordova CA 95670

Acting Chief of Environmental Protection-File(ALL)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0498

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

June 30, 1994

Mr. Terrance A. Fox
Ultramar Inc.
P.O. Box 466
525 W. Third Street
Hanford, CA 93232-0466

1131 Harbor Bay Parkway, 2nd Flr
Alameda CA 94502

STID 1497

Re: Investigations at Beacon Station #721, located at 44
Lewelling Blvd., San Lorenzo, California

Dear Mr. Fox,

This office has reviewed Delta Environmental Consultants, Inc.'s (Delta) Quarterly Ground Water Monitoring Report, dated March 22, 1994. According to this report, Well MW-10 was not sampled due to the fact that it was paved over with new asphalt. Please be reminded that you are required to properly close this well, under the permit of the Alameda County Flood Control District, Zone 7. Additionally, based on the fact that elevated levels of TPHg and BTEX have consistently been identified from Well MW-10, you are required to install a new well in its place. This replacement well shall be constructed properly and be surveyed to a common benchmark. You are required to install the replacement well **within 45 days** of the date of this letter. Details regarding the well installation and construction shall be submitted to this office in the following quarterly ground water monitoring report.

According to your March 29, 1994 letter to this office, the site's vapor extraction system began operations in about mid April 1994. According to RESNA's Interim Ground Water Remediation Plan, dated March 26, 1992, the computer generated capture zone did not encompass Wells MW7, MW8, MW9, MW10, and MW11. All of these wells, with the exception of Well MW9, have consistently identified unacceptable contaminant levels. Consequently, in the County's December 2, 1993 letter to your office, this office required that you take measures to contain and remediate the plume outside of the estimated ground water and vapor capture zones. To our knowledge, no further efforts have yet been made to implement this work. Per Article 11, Title 23 California Code of Regulations, Ultramar is required to take steps to contain and remediate the contamination observed off site. Ultramar is required to submit a work plan addressing this work **within 60 days** of the date of this letter.

Mr. Terrance Fox
Re: 44 Lewelling Blvd.
June 30, 1994
Page 2 of 2

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

Sincerely,



Juliet Shin
Hazardous Materials Specialist

cc: Todd M. Galati
Delta Environmental
Consultants, Inc.
3330 Data Drive
Rancho Cordova, CA 95670

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEAPS, Agency Director



R0498

HAFAT A. SHAHID, Assistant Agency Director

December 28, 1993

CERTIFIED MAILER #: P 422 218 161

Beacon Station #721
44 Lewelling Blvd.
San Lorenzo, 94580

UGTID:1497

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

**Re: FIVE-YEAR PERMITS FOR OPERATION OF UNDERGROUND STORAGE TANK(S)
44 Lewelling Blvd. San Lorenzo, 94580**

Dear Owner/Operator:

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

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

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

Sincerely,

Handwritten signature of Pam Evans in cursive.

PAM EVANS
Sr HazMat Specialist

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

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0498

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

December 2, 1993

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

Terrance A. Fox
Ultramar Inc.
P.O. Box 466
525 W. Third Street
Hanford, CA 93232-0466

STID 1497

Re: Beacon Station #721, located at 44 Lewelling Blvd.; San Lorenzo, California

Dear Mr. Fox,

This office has reviewed Delta Environmental's Quarterly Ground water Monitoring Report, dated November 9, 1993, for the above site. In viewing the information contained in this report, and previous reports, it appears that the capture zones of the proposed ground water and vapor extraction systems will not extend enough to influence the contamination observed in the areas of Wells MW-7, MW-10, and MW-11 and to sufficiently contain or remediate this contamination. Please be advised that this off-site ground water and soil contamination needs to be remediated, in addition to the contamination on site and in the immediate vicinity of the site.

The great magnitude of off-site contamination is of concern to this office, and, consequently, in order to prevent future encroachment of the ground water contaminant plume onto additional off-site properties, this office is requesting that, in the meantime, you at least contain further migration of this plume in the areas that the extraction well, RW-1, does not encompass.

Please contact this office, either by phone or letter, within 15 days of the date of this letter, with your future plans on addressing the containment and remediation of the off-site ground water and soil contamination not encompassed by the currently operating remediation system, RW-1.

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

Sincerely,

Juliet Shin
Hazardous Materials Specialist

Mr. Terrance Fox
Re: 44 Lewelling Blvd.
December 2, 1993
Page 2 of 2

cc: Todd M. Galati
Delta Environmental Consultants, Inc.
3330 Data Drive, Ste 100
Rancho Cordova, CA 95670

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0498

RAFAT A. SHAHID, Assistant Agency Director

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

June 10, 1992

Terrence A. Fox
Ultramar Inc.
P.O. Box 466
525 W. Third Street
Hanford, CA 93232-0466

STID 1497

RE: Beacon Station #721, located at 44 Lewelling Boulevard, San Lorenzo, California

Dear Mr. Fox,

This office has reviewed the Interim Groundwater Remediation work plan for the installation of the vapor and groundwater extraction systems at the above site and is in concurrence with your plan. Please submit a timetable addressing when the proposed work will be conducted at the site.

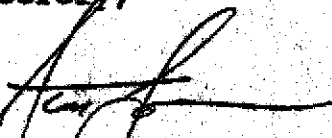
After the groundwater extraction system is installed and pumping begins, the monitoring of water levels in all the monitoring wells will be required. If the groundwater extraction system is found to be insufficient to capture the contaminant plume, additional steps will be necessary to remediate the problem.

The work plan did not specify what methods would be used to treat the extracted groundwater. Per your conversation with Ms. Juliet Shin on May 26, 1992, your consultants have several groundwater treatment options in mind, and a treatment method will be decided upon after receiving this Department's approval of the work plan. It is our understanding that you will keep this office updated on which treatment system is chosen before installing it at the site.

Per your conversation with Ms. Juliet Shin on June 10, 1992, it is the understanding of this office that the the operation of the above extraction systems is only a part of the corrective measures that will eventually be undertaken at the site, and that the operation of these systems will help to determine what additional corrective action will be required to mitigate the site.

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

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Richard Hiatt, RWQCB
Jim Ferdinand, Eden Consolidated Fire Dept.
File (JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0498

RAFAT A. SHAHID, Assistant Agency Director

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

February 6, 1992

STID# 1497

Ultramar Inc.
ATTN: Terrence Fox
525 W. Third Street,
Hanford, CA 93230

Subject: Beacon Station #721, 44 Leveling Blvd., San Lorenzo,
CA 94580

Dear Mr. Fox:

I am in receipt of your "Third Quarter 1991 Monitoring Results for the above-referenced Ultramar Facility, dated January 21, 1992, from data collected by Groundwater Technologies, Inc. (GTI). In your letter you propose to discontinue sampling Monitoring Well# 6 due to the fact that these wells historically contain very little or no hydrocarbons. This office cannot concur with this proposal due to the deficiency in your sampling of four successive "non-detect" quarters. If, at the end of four quarters of "non-detect", you may again propose to discontinue sampling.

In regards to the removal of MW #9 from the sampling program, this office cannot concur for similar reasons, i.e., four quarters of "non-detect" laboratory results.

In a letter from this office dated January 22, 1992, Ultramar was asked to submit a workplan for the interim remediation of the facility due to the presences of "Free Product" at the site. As of this date, no such plan has been received by this office, and no extension was sought or granted. Please submit a workplan for the interim remediation of the site by February 22, 1992.

Please be advised this is a formal request for technical reports pursuant to California Water Code Section 1326(b). Failure to respond could result in civil penalties. Any extension of stated deadlines or changes in the workplan must be confirmed in writing and approved by this office or the Regional Water Quality Control Board.

If you have any questions, please contact Brian P. Oliva,
Hazardous Materials Specialist at (510) 271-4320.

Sincerely,



Thomas Peacock,
Supervising Hazardous Materials Specialist

cc: Mark Thomson, Alameda County Deputy District Attorney
Eddie So., SFBRWQCB
Scott Gable, Groundwater Technology

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO498

RAFAT A. SHAHID, Assistant Agency Director

January 22, 1992

STID# 1497

Ultramar Inc.
ATTN: Terrence Fox
525 W. Third Street,
Hanford, CA 93230

DEPARTMENT OF ENVIRONMENTAL HEALTH
80 Swan Way, Rm. 210
Oakland, CA 94621
(415) 271-4900

Subject: Beacon Station # 721, 44 Lewelling Blvd., San Lorenzo,
CA 94580

Dear Mr. Fox:

This office has received and reviewed the Second Quarter 1991 "Monitoring Results" dated September 11, 1991, submitted by Groundwater Technology Inc. (GTI), your consultant of record. Following the review of this document, and subsequent review of the file, several issues need to be addressed by your Company for acceptable concurrence by this office:

- 1) The horizontal and vertical extent of contamination has not yet been determined. A workplan should be submitted that would adequately delineate the plume from the former underground tanks.
- 2) There has historically been "free product" encountered at the site in the monitoring wells. It will be necessary to implement a remediation system to recover the floating constituents.
- 3) Previously there have been proposals to install more monitoring wells at the site. Please submit a workplan that would indicate placements for such wells and a time frame for their construction.

All workplans called for should be submitted to this office within thirty (30) days, i.e., no later than February 3, 1992.

If you have any questions concerning this site, please contact Brian P. Oliva from this office at (510) 2371-4320.

Sincerely,

Thomas Peacock, Sup. Haz Mat Specialist

cc: Eddie So, SFBRWQCB
Scott Gable, Groundwater Technology Inc.,

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0498

January 17, 1991

Terence A. Fox
Ultramar Inc.
P.O. Box 466
525 W. Third St.
Hanford CA 93232-0466

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

RE: Petroleum Fuel Contamination to Groundwater, Beacon Service Station #721, 44 Lewelling Blvd., San Lorenzo

Dear Mr. Fox:

Since May, 1987 onsite and offsite monitoring wells have been sampled regularly for petroleum fuel constituents. The quarterly Ground-Water Sampling reports we have received in 1990 establish that groundwater contamination has moved offsite. Monitoring wells located to the west of the property contained levels of gasoline as high as 4500 ppb at the time of the September, 1990 sampling. Additionally, free product was found in two onsite wells at that time. These findings necessitate that Ultramar undertake the following:

1. Further investigation in order to define the contaminant plume;
2. Diligent action to contain the plume and mitigate it's impact;
3. Perform a survey of all wells known to exist within .5 miles of the site. Prepare a tabular listing and area map showing well locations.

You are required to submit to this office no later than February 28, 1991, a detailed workplan that addresses the above items and that gives a timetable for completion of your investigation and the implementation of your remediation plan. A copy should also be sent to the Regional Water Quality Control Board. Any extension beyond the February 28 due date must be agreed upon in advance and confirmed in writing. In addition, you must submit a payment of \$500 to this office in order to cover agency oversight costs. You may contact me with any questions at (415)271-4320.

Sincerely,

A handwritten signature in cursive script that reads "Pamela J. Evans".

Pamela J. Evans
Hazardous Materials Specialist

c: Richard Hiatt, Regional Water Quality Control Board
Sandy Huff, Ultramar Inc.
Robert A. Katin, Du Pont Environmental Remediation Services

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0498

August 14, 1990

Dawn Ghormley
Jet Gas
44 Lewelling Blvd.
San Lorenzo, CA 94580

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

Re: Waste Minimization Assessment

Dear: Dawn Ghormley:

Your business has been selected to receive a "pilot" hazardous waste minimization assessment. As you are probably aware, hazardous waste reduction has become a statewide, if not a national, issue. To address this issue at a county level, Alameda County is establishing its own Hazardous Waste Minimization Program and is planning to conduct waste minimization assessments for all hazardous waste generating facilities in the County. To begin the program, we have selected twenty auto repair businesses to receive assessments. It is our hope that these "pilot" assessments will assist the businesses in minimizing their hazardous wastes and will give us further information on the most effective way to structure our minimization program.

One of our Hazardous Materials Specialists will be contacting you to arrange to meet with you and assess your business during the week of August 21. During this meeting and assessment, the Specialist will work with you in examining your business's hazardous waste generating practices. The Specialist will then provide you with materials on existing waste reduction technology, and assist you in setting up appropriate hazardous waste minimization practices.

We thank you in advance for your participation in this pilot study. Your comments and suggestions are welcomed and encouraged; we need your input so we can best assist you! Please direct your comments and any questions to Katherine Chesick at 415/271-4320.

Sincerely,

A handwritten signature in cursive script that reads "Edgar B. Howell". The signature is written in black ink and is positioned above the typed name.

Edgar B. Howell, Chief,
Alameda County Hazardous Materials Division

EBH:kac

cc: Fire Department
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



Department of Environmental Health
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621

R0498

Telephone Number: (415) 271-4320

September 29, 1988

Mr. Mike Hansen
Kayo Oil company
900 S. Cherokee Lane
Lodi, CA 95240

RE: Jet Gas, 44 Lewelling Blvd., San Lorenzo, CA

Your proposed workplan for the above location dated, August 30, 1988, that was prepared by Alpha Consultants, Inc., has been reviewed by our office. After consultation with Ms. Lisa McCann of the Regional Water Quality Control Board, your plan has been accepted.

Although the County of Alameda is the lead agency at this time, the Regional Water Quality Control Board has responsibilities for overseeing all cases that may affect ground water. Copies of all correspondence to this office, should be submitted to RWQCB.

If you have any questions, please contact Larry Seto, Hazardous Materials Specialist, at 271-4320.

Sincerely,

Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:LS:mnc

cc: Gil Jensen, Alameda County District Attorney, Consumer & Environmental Protection Agency
Dwight Hoenig, DOHS
Darrel Klingman, Alpha Associates
Lester Feldman, RWQCB

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS AGENCY

~~XXXXXXXXXXXX~~ Agency Director



R0498

470-27th Street, Third Floor
Oakland, California 94612
(415) 774-7237

February 8, 1988

Mr. Paul Taylor
Kayo Oil Company
900 South Cherokee Lane
Lodi, CA 95240

RE: Jet Gas, 44 Lewelling Blvd., San Lorenzo, CA

Dear Mr. Taylor:

We have received your quarterly quantitative ground water monitoring report dated January 22, 1988. In the report, Applied GeoSystems recommended installing additional ground water monitoring wells at selected locations off-site and in the down gradient direction in order to more fully delineate the extent of ground water impact.

Please submit to our office within 30 days of the receipt of this letter, your plan.

If you have any questions, please contact Larry Seto, Hazardous Materials Specialist, at 874-7237.

Sincerely,

Rafat A. Shahid
Rafat A. Shahid, Chief,
Hazardous Materials Division

RAS:LS:mnc

cc: Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency
Dwight Hoenig, DOHS
Greg Zentner, RWQCB

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS AGENCY
~~XXXXXXXXXXXXXXXXXXXX~~ Agency Director



Department of Environmental Health
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621

R0498

~~XXXXXXXXXXXXXXXXXXXX~~
~~XXXXXXXXXXXXXXXXXXXX~~
~~XXXXXXXXXXXXXXXXXXXX~~
(415) 271-4320

February 7, 1989

Mr. Mike Hansen
Kayo Oil Company
900 South Cherokee Lane
Lodi, CA 95240

RE: Jet Gas, 44 Lewellin Blvd., San Lorenzo, CA

Dear Mr. Hansen:

We have received your proposal prepared by DuPont Biosystems, dated January 24, 1989, to install two additional ground water monitoring wells, to fully define the lateral extent of the contamination at the above site. This proposal is acceptable.

If you have any questions, please contact Larry Seto, Senior Hazardous Materials Specialist, at 271-4320.

Sincerely,

Rafat A. Shahid

Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:mnc

cc: Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency
Regional Water Quality Control Board
Darrell S. Klingman, DuPont Biosystems
Howard Hatayama, DOHS