

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SENT
04-12-06

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

April 12, 2006

Ms. Jennifer Sedlacheck
Exxon Mobil
4096 Piedmont, #194
Oakland, CA 94611

Mr. Steve Asmann
Steve's Valero
2991 Hopyard Road
Pleasanton, CA 94566

Mr. Bruce Morrison
Kirk D. Morrison Trust et al.
224 Woodward Avenue
Sausalito, CA 90623-1066

Subject: Fuel Leak Case No. RO0000362, 2991 Hopyard Road, Pleasanton, CA – Work Plan Approval

Dear Ms. Sedlacheck, Mr. Asmann, and Mr. Morrison:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the reports entitled, "Subsurface Investigation Report," dated March 21, 2006 and "Report of Groundwater Monitoring, Fourth Quarter 2005," dated February 17, 2006. Both reports were prepared on your behalf by ETIC Engineering, Inc. The "Subsurface Investigation Report," dated March 21, 2006 presents the results from one soil boring advanced in a downgradient location from the current USTs. MTBE was detected at a maximum concentration of 0.022 milligrams per kilogram (mg/kg) at a depth of 17-17.5 feet bgs and TBA was detected at a concentration of 0.028 mg/kg in one soil sample collected at 35.5-36 feet bgs. TPHg and benzene were not detected in any of the soil samples. TPHg, BTEX, MTBE, and all other analytes were not detected in the grab groundwater sample collected from first-encountered groundwater at depth of approximately 42.5 feet bgs. Based on these results no further investigation is required in the area downgradient of the current USTs at this time.

The "Report of Groundwater Monitoring, Fourth Quarter 2005," dated February 17, 2006 presents the results of quarterly groundwater sampling conducted on December 21, 2005. The report also indicates that groundwater monitoring will be conducted during the next quarter according to the monitoring plan and that the groundwater extraction system will remain shut down to monitor groundwater under non-pumping conditions. We request that you perform the proposed work and send us the technical reports requested below.

TECHNICAL REPORT REQUEST

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

- **May 17, 2006** – Quarterly Monitoring Report for the First Quarter 2006
- **August 17, 2006** – Quarterly Monitoring Report for the Second Quarter 2006

- **November 17, 2006** – Quarterly Monitoring 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).

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

Jennifer Sedlacheck, Steven Asmann, and Bruce Morrison
April 12, 2006
Page 3

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

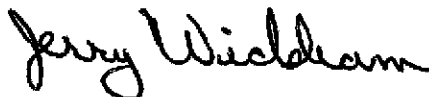
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

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: Matt Katen, QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway
Livermore, CA 94551

Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street,
Pleasanton, CA 94566

Stephen Cusenza, City of Pleasanton, P.O. Box 520, Pleasanton, CA 94566-0802

Bryan Campbell, ETIC Engineering, Inc., 2285 Morello Avenue, Pleasant Hill, CA 94523

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SENT
11-7-05

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
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November 4, 2005

Jennifer Sedlacek
Exxon Mobil
4096 Piedmont, #194
Oakland, CA 94611

Steve Asmann
Steve's Valero
2991 Hopyard Road
Pleasanton, CA 94566

Bruce Morrison
Kirk D. Morrison Trust et al.
224 Woodward Avenue
Sausalito, CA 90623-1066

Subject: Fuel Leak Case No. RO0000362, 2991 Hopyard Road, Pleasanton, CA – Work Plan Approval

Dear Ms. Sedlacek, Mr. Asmann, and Mr. Morrison:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the document entitled, "Soil and Water Investigation Work Plan and Modified Corrective Action Plan," dated March 31, 2005. The work plan was prepared on your behalf by ETIC Engineering, Inc. The Work Plan and Modified Corrective Action Plan proposes one soil boring in a downgradient location from the current USTs and addresses corrective action issues in response to correspondence from ACEH dated December 29, 2004.

ACEH concurs with the proposed scope of work provided that the technical comments below are addressed. We request that you address the following technical comments, perform the proposed work, and send us the technical reports requested below. Please provide 72-hour advance written notification to this office (e-mail preferred to jerry.wickham@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

- 1. Proposed Soil Boring.** ACEH concurs with the proposed scope of work for the soil boring to be located downgradient from the current USTs.
- 2. Cleanup Goals and Site-specific Levels.** The proposed cleanup goals for benzene, toluene, xylenes, and methyl tert-butyl ether are acceptable. The lower of the primary or secondary maximum contaminant levels for ethylbenzene is 300 micrograms per liter ($\mu\text{g/L}$) rather than 700 $\mu\text{g/L}$.
- 3. Monitoring Plan and Restart Criteria.** The proposed criteria for restarting the groundwater extraction system (GES) are acceptable. Detection of ethanol is identified as one of the criteria for restart of the GES; however, ethanol is not listed in Table 2 as an analyte. Please include ethanol as an analyte in future 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:

- **November 30, 2005** – Quarterly Report for the Third Quarter 2005
- **February 28, 2006** - Quarterly Report for the Fourth Quarter 2005
- **March 21, 2006** - Soil and Groundwater Investigation Report
- **May 31, 2006** - Quarterly Report for the First 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).

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

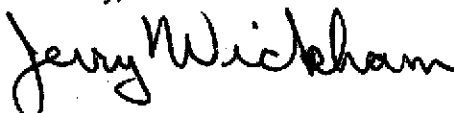
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

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: Colleen Winey, QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway
Livermore, CA 94551

Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street,
Pleasanton, CA 94566

Stephen Cusenza, City of Pleasanton, P.O. Box 520, Pleasanton, CA 94566-0802

Bryan Campbell, ETIC Engineering, Inc., 2285 Morello Avenue, Pleasant Hill, CA 94523

Donna Drogos, ACEH
Jerry Wickham, ACEH

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

December 29, 2004

Jennifer C. Sedlachek
ExxonMobil Refining and Supply Co.
7096 Piedmont Ave., #194
Oakland, CA 94611

Steve Asmann
Steve's Valero I
2991 Hopyard Rd.
Pleasanton, CA 94566

Bruce Morrison
Kirk D. Morrison Trust et al.
224 Woodward Ave.
Sausalito, CA 90623-1066

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. RO0000362, Valero #3823, 2991 Hopyard Rd., Pleasanton, California – Request for SWI Workplan and Modified CAP

Dear Ms. Sedlachek and Mssrs. Asmann and Morrison:

Alameda County Environmental Health (ACEH) has reviewed your March 5, 2004, *Proposed Shutdown of Groundwater Extraction System* prepared by ETIC Engineering, Inc., and the case file for the above-referenced site. In addition, ACEH discussed the proposed shutdown and reporting requirements with ETIC on June 17, August 4, October 12, and October 21, 2004. During those conversations, ACEH requested additional information to justify ExxonMobil's request for system shutdown. As discussed, the following issues were to be addressed as part of the Third Quarter 2004 status report:

- Due to fluctuation of the groundwater gradient, groundwater quality within "Zone 1" does not appear to be monitored downgradient of the current UST field by the existing monitoring well network. This apparent data gap needs to be addressed.
- The current vertical and lateral extent of soil and groundwater contamination needs to be evaluated.
- Historical groundwater flow directions in each of the water-bearing zones need to be evaluated.
- The requirement for active remediation needs to be evaluated with respect to site conditions and risk, not the efficiency of the current remedial system.

ETIC's November 16, 2004 *Report of Groundwater Monitoring* does not address these concerns. In order for ACEH to consider your request for system shutdown, we request that you further evaluate current site conditions and collect additional data as necessary. Please revise your request for system shutdown and submit a workplan which addresses the technical comments below.

TECHNICAL COMMENTS

1. Downgradient Groundwater Sampling

Your recent groundwater monitoring reports show the groundwater gradient in Zone 1 to be toward the southwest. Based on the inferred flow direction, no monitoring wells screened in Zone 1 are currently located downgradient of the UST field. Well OW2 is located within the UST

field and screened within a shallow perched groundwater zone. Up to 45,400 ug/L MTBE was historically detected in this well during the June 2000 sampling event; however, during the most recent sampling event in March 2004 3.7 ug/L MTBE was detected in this well. Due to its shallow screening, well OW2 is insufficient to fully characterize groundwater in the UST field area. We request that you propose investigation tasks to characterize groundwater immediately downgradient of the current UST field in the workplan requested below.

2. Cleanup Goals and Site-Specific Levels

We request that you propose cleanup goals and cleanup levels for the site. Cleanup criteria do not appear to have been established for the site prior to initiation of groundwater extraction in March 2001. Your cleanup goals need to be consistent with water quality objectives for the basin. Soil and groundwater cleanup levels for the site need to be protective of human health and the environment, including potential use of groundwater from Pleasanton Well No. 7 as a drinking water source. Prior to discontinuation of active remediation, the appropriate cleanup levels will need to be achieved. Please propose cleanup goals and site-specific cleanup levels in the workplan requested below.

3. Monitoring Plan and Restart Criteria

Your November 16, 2004 *Remediation System Summary* (Table 5) indicates that the average operational flow rate of the groundwater extraction system has been less than 0.1 gpm since May 2003. Wells OW2 and VR1 are currently active, and wells MW9A, OW1, PMW2 and PMW5 are inactive. Current hydrocarbon and MTBE mass removal rates are very low, with cumulative mass removal having decreased to near asymptotic levels. No significant hydraulic control of shallow groundwater is anticipated due to low groundwater yields from the extraction wells. The maximum detected groundwater concentrations in the most recent sampling events for the six extraction wells were in well VR1 on June 22, 2004: 43.3 ug/l MTBE, 2.2 ug/L benzene, and 988 ug/l TPHg. We note, however, that well MW-9A has not been sampled since June 25, 2001 (see Comment #5, below). Ongoing extraction from the current extraction network may interfere with the collection of representative groundwater samples from these wells. Accordingly, we recommend you propose temporary discontinuation of groundwater extraction while current site conditions are evaluated. Prior to implementing temporary discontinuation of groundwater extraction, we request that you prepare and submit a plan for groundwater monitoring with criteria that would trigger restart of the extraction system. Please submit your monitoring plan and system restart criteria in the workplan requested below.

4. Evaluation of Post-Remedial Conditions

Your March 5, 2004 *Proposed Shutdown of Groundwater Extraction System* states that "the extent and concentration of hydrocarbons and MTBE are stable or decreasing across the site." While we concur that the groundwater extraction system in its current configuration is no longer effective at reducing hydrocarbon or MTBE mass in the site subsurface, we are concerned that the inefficiency of the system may be largely the result of decreased groundwater levels. We request that you further support your assertion regarding the extent and magnitude of contamination. As part of your evaluation, we require a series of isoconcentration maps showing current concentrations for each of the key contaminants of concern in each of the water-bearing zones. Please submit your evaluation of current site conditions in the workplan requested below.

5. Groundwater Flow Direction

To evaluate historical groundwater flow direction in each of the water bearing zones, we request that you prepare and submit a rose diagram of groundwater gradients for each zone. All site data, from 1988 to present, needs to be considered in your evaluation. Please submit your evaluation of historical groundwater flow direction in the workplan requested below.

6. Groundwater Monitoring

As part of your evaluation of current site conditions, we request that you collect and analyze samples from monitoring well MW-9A. We request that you analyze samples for TPHg, BTEX, MTBE, TBA, TAME, DIPE and ETBE. Please submit your results and subsequent evaluation and recommendations in the workplan requested below.

7. Verification Monitoring

As part of your proposal for system shutdown, we require that you submit a detailed plan for post-remedial monitoring. Your monitoring plan needs to identify wells to be included in the monitoring network, the monitoring frequency, and your proposed time period for post-remedial monitoring.

REPORT REQUEST

Please submit your *Soil and Water Investigation Workplan and Modified Corrective Action Plan* by **March 31, 2005**. ACEH makes this request pursuant to California Health & Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2778 outline the responsibilities of a responsible party for an unauthorized release from an UST system, and require your compliance with this request.

Professional Certification and Conclusions/Recommendations

The California Business and Professions Code (Sections 6735 and 7835.1) requires that workplans 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.

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.

UNDERGROUND STORAGE TANK CLEANUP FUND

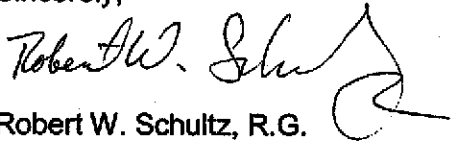
Please note that delays in investigation, late reports or enforcement actions by ACEH may result in you becoming ineligible to receive cleanup cost reimbursement from the state's Underground Storage Tank Cleanup Fund (senate Bill 2004).

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 County District Attorney or other appropriate agency, for enforcement. California Health and Safety Code, Section 25299.76 authorizes ACEH enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Please call me at (510) 567-6719 with any questions regarding this case.

Sincerely,



Robert W. Schultz, R.G.
Hazardous Materials Specialist

- cc: Steve Cusenza, City of Pleasanton, P.O. Box 520, Pleasanton, CA 94566-0802
Bryan Campbell, ETIC, 2285 Morello Ave., Pleasant Hill, CA 94523
Matt Katen, Zone 7 Water District, QIC 80201
Donna Drogos, ACEH
Robert W. Schultz, ACEH

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



9-11-02

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

September 10, 2002

RO 362

Mr. Gene Ortega
ExxonMobil Refining & Supply Company
2300 Clayton Road, Ste. 1250
Concord, CA 94520

RE: Former Exxon Service Station #7-3399, 2991 Hopyard Road, Pleasanton

Dear Mr. Ortega:

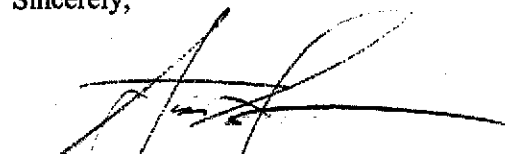
The case file for the referenced site was recently reviewed, up to and including the August 2002 ETIC Engineering second quarter 2002 monitoring report, as submitted under ExxonMobil cover dated August 19, 2002. This review was primarily conducted to identify the current suite of target compounds sought in water samples collected from the various wells within the network. Our review revealed that a number of potential fuel oxygenates may not have been sought historically from samples collected from these wells.

Please direct your consultant to analyze all samples collected during the next scheduled sampling event for the presence of total fuel oxygenates (MtBE, TAME, EtBE, DIPE, and TBA) and lead scavengers (EDB and 1,2-DCA / EDC) using EPA Method 8260.

In addition, within 20 calendar days, please provide to this agency a complete mailing list of all fee title owners to the site, as well as the name and address of the current underground storage tank operator.

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

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Steve Cusenza, Pleasanton Public Works Department
Chuck Headlee, RWQCB
Matt Katen, Zone 7
Danielle Stefani, Livermore-Pleasanton Fire Department
Joe Muehleck, ETIC Engineering, Inc., 2285 Morello Ave., Pleasant Hill, CA 94523

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



10-31-00

20362 (STID 1672)

October 27, 2000

STID 1932

Mr. Darin Rouse
ExxonMobil Refining and Supply Company
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: Exxon Service Station #7-3399, 2991 Hopyard Road, Pleasanton – Well MW-9
replacement

Dear Mr. Rouse:

We are in receipt of the October 2000 ETIC Engineering, Inc. (ETIC) workplan for the replacement of monitoring well MW-9. Well MW-9's replacement will become a primary point for groundwater extraction from the shallow, on-site water-bearing zone ("Zone 1"). This well will be one of an array of extraction wells that also includes wells OW-2 and VR-1, both screened in a shallower "perched" water-bearing zone and located in the current and former underground storage tank cavities, respectively.

The cited ETIC workplan has been accepted as submitted.

I understand that associated field activities have been scheduled to begin the week of October 29th. Please contact me at (510) 567-6783 if you anticipate a change to this schedule.

Sincerely,

Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Tom Peacock, ACDEH
Steve Cusenza, Pleasanton Public Works Department
Chuck Headlee, RWQCB
Matt Katen, Zone 7
Danielle Stefani, Livermore-Pleasanton Fire Department
Joe Muehleck, ETIC Engineering, Inc., 144 Mayhew Way, Walnut Creek, CA 94524-4032

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SENT 9-11-2000

PO362

September 6, 2000

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

STID 1672

Mr. Darin Rouse
ExxonMobil Refining and Supply Company
P.O. Box 4032
Concord, CA 94524-4032

RE: Exxon Service Station #7-3399, 2991 Hopyard Road, Pleasanton

Dear Mr. Rouse:

This letter is an official request for a status report on the progress of the interim remediation measures requested during our May 2, 2000 meeting at the Zone 7 offices in Pleasanton. Please submit this status report within 10 days of the date of this letter.

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

Sincerely,

Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Steve Cusenza, Pleasanton Public Works Department
Chuck Headlee, RWQCB
Matt Katen, Zone 7
Danielle Stefani, Livermore-Pleasanton Fire Department
Joe Muehleck, ETIC Engineering, Inc., 144 Mayhew Way, Walnut Creek, CA 94524-4032

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SENT 8-11-2000

Ro# 362

August 10, 2000

STID 1932 (STID 1672)

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

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

RE: Exxon Service Station #7-3399, 2991 Hopyard Road, Pleasanton

Dear Mr. Rouse:

We are in receipt of the May 17, 2000 ETIC Engineering, Inc. (ETIC) workplan, as revised by ETIC in an addendum dated August 1, 2000. The cited workplan, as revised, proposes the locations, depths and screen intervals for the completion of two discrete clusters of sentinel wells (3 wells, total) in off-site locations north and northwest of the subject site. The revised workplan also describes the use of sonic drilling to advance the boreholes for these wells. All critical elements of this pending work are the result of a series of scoping meetings between the various interested and regulatory parties which appear at the end of this letter.

I understand that drilling has been scheduled to begin on Tuesday, August 15, 2000. Please contact me at (510) 567-6783 if you anticipate a change in this schedule.

Sincerely,

Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Steve Cusenza, Pleasanton Public Works Department
Chuck Headlee, RWQCB
Matt Katen, Zone 7
Danielle Stefani, Livermore-Pleasanton Fire Department
Joe Muehleck, ETIC Engineering, Inc., 144 Mayhew Way, Walnut Creek, CA 94524-4032

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



October 8, 1999

Ms. Danielle Stefani
Livermore-Pleasanton Fire Department
4550 East Avenue
Livermore, CA 94550

ENVIRONMENTAL HEALTH SERVICES

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

RE: MtBE-impacted sites in Pleasanton

Dear Ms. Stefani:

This letter is sent in response to your 19 August 1999 request for additional information regarding Pleasanton sites that are impacted by the gasoline additive methyl tert-butyl ether, or MtBE.

Following is a brief summary for each of the petroleum release cases currently overseen by this agency where MtBE has been identified. This supplemental information adheres to the format requested in your August letter, and augments the information presented previously by this office on 22 July 1999.

UNOCAL Station, 4191 First Street (P0361)

1. *Status*

This investigation is still in progress. Additional off-site well installed 10/06/99. Additional well and boring installation on adjoining commercial property to the northeast is pending. Site access issues for off-site wells/borings have slowed progress.

2. *On-site/Off-site*

Plume extends off-site

3. *Farthest extent of contamination*

Horizontal extent: >120 feet
Vertical extent: > 80 feet

4. *Approximate level of threat based on information available to date:*

Appears to be isolated from municipal drinking water well fields based on significant geographic separation. However, Zone 7 officials interpret the depth of the impacted zone at this site as being consistent with water elevation in the main groundwater (GW) basin. This area appears to be in a recharge zone for the main GW basin.

Steve's Exxon, 2991 Hopyard Road (20362)

1. *Status*

Plume extent appears to be identified. Post-remediation monitoring in progress. Certain on-site vapor extraction wells to be destroyed, as they appear to have served as conduits for migration of shallow "perched" contamination to a slightly deeper on-site water-bearing zone. On-going joint meetings with Zone 7, City of Pleasanton Public Works, Regional Water Quality Control Board (RWQCB), Exxon, and this office to determine best locations and depths for clusters of off-site "sentinel" wells, intended to provide early warning of potential impacts to primary water-bearing zone of nearby municipal well field.

2. *On-site/Off-site*

Plume appears confined significantly on-site. Periodic low-level MtBE detection in deeper and off-site wells has raised specter of concern, however. Current vertical plume monitoring program appears to have served its purpose but now may not be adequate to assure timely data acquisition, leading to future sentinel well installation.

3. *Farthest extent of contamination*

Horizontal extent: ~100 feet (periodic)
Vertical extent: ~90 feet ?

4. *Approximate level of threat based on information available to date:*

Close to drinking water source

Shell Station, 3790 Hopyard Road (20363)

1. *Status*

On-going monitoring following yearly (2nd quarter) schedule

2. *On-site/Off-site*

Plume extends off-site

3. *Farthest extent of contamination*

Horizontal: ~180 feet
Vertical: ~ 18 feet

4. *Approximate level of threat based on information available to date:*
Appears isolated from drinking water source due to both geology and distance

Shell Station, 5251 Hopyard Road (20194)

1. *Status*
On-going monitoring following yearly (2nd quarter) schedule
2. *On-site/Off-site*
Plume appears to be constrained to the site
3. *Farthest extent of contamination*
Horizontal: NA
Vertical: ~ 12 feet
4. *Approximate level of threat based on information available to date:*
Isolated from drinking water source due to both geology and distance

Chevron Station, 5280 Hopyard Road (20439)

1. *Status*
On-going monitoring following quarterly schedule
2. *On-site/Off-site*
Plume appears to be substantially constrained to the site
3. *Farthest extent of contamination*
Horizontal: NA
Vertical: ~ 11 feet
4. *Approximate level of threat based on information available to date:*
Isolated from drinking water source due to both geology and distance

(Former) Exxon Station, 349 Main Street (R0506)

1. *Status*
Pending case closure
2. *On-site/Off-site*
On-site
3. *Farthest extent of contamination*
Horizontal: NA
Vertical: ~26 feet
4. *Approximate level of threat based on information available to date:*
Isolated from drinking water source due to both geology and distance

(Former) Mobil Station, 1024 Main Street (R02421)

1. *Status*
On-going soil and GW remediation and monitoring
2. *On-site/Off-site*
Plume substantially on-site
3. *Farthest extent of contamination*
Horizontal: NA
Vertical: ~44 feet
4. *Approximate level of threat based on information available to date:*
Appears isolated from drinking water source due to both geology and distance

Can-Am Plumbing, 151 Wyoming Street (R02425)

1. *Status*
Preliminary site assessment pending – workplan requested

Ms. Danielle Stefani
RE: MtBE report for Pleasanton sites
October 8, 1999
Page 5 of 5

2. *On-site/Off-site*

Unknown at this time

3. *Farthest extent of contamination*

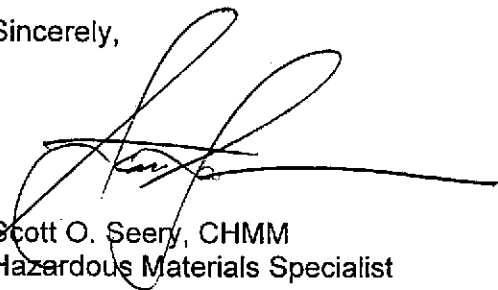
Unknown at this time

4. *Approximate level of threat based on information available to date:*

Expected to be isolated from drinking water source due to both geology and distance

I trust this supplemental report provides the additional information you were seeking. Please contact me at (510) 567-6783 should you need further assistance.

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Ariu Levi, Chief, Environmental Protection
Thomas Peacock, ACDEH LOP
Chuck Headlee, RWQCB
Matt Katen, Zone 7
Steve Cusenza, City of Pleasanton, P.O. Box 520, Pleasanton, CA 94566-0802

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0362, 363
194, 1151, 439,
506, 2427,
R0361, 360

July 22, 1999

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

Ms. Danielle Stefani
Livermore-Pleasanton Fire Department
4550 East Avenue
Livermore, CA 94550

RE: MtBE-impacted sites in Pleasanton

Dear Ms. Stefani:

This letter is sent in response to your recent request for an update on sites located in Pleasanton that are impacted by the gasoline additive methyl-tert butyl ether, or MtBE.

Following is a brief summary for each of the active fuel tank cases currently overseen by this agency. Please note that not all retail service station or other underground storage tank (UST) sites in Pleasanton are listed. Data for closed or otherwise inactive cases are not presented in this summary, nor are data for cases not yet managed by this office. Both the highest *historic* MtBE concentrations (and date) as well as the highest concentrations in the last 12 months are given where these data are available.

Unocal Station, 4191 First Street

This site was historically used for warehousing, but was developed into a retail fueling station in ~1976. Several gasoline releases were documented in the 1980's. Several phases of investigation have been completed, beginning in the late 1980's and continuing up to the present. More work is currently pending. An 8 well network is established both on- and off-site, with more wells planned.

Highest MtBE: 6200 micrograms per liter, or ug/l (6/98)
12 month high: 4800 ug/l

Shell Station, 4226 1st Street

Although a preliminary assessment of the original UST complex was completed in 1985 prior to tank replacement, the results were somewhat inconclusive due to limited project scope. Two additional phases of work occurred in 1990, the results of which, again, were somewhat inconclusive. MtBE was not sought during these prior investigations. A recent phase of assessment was performed in April 1999, and included the installation of a permanent monitoring well. The final report of this recent work is pending; however, preliminary data indicate that, although underlying groundwater has been impacted, MtBE was not identified.

Highest MtBE: <250 ug/l (4/99)
12 month high: as above

Ms. Danielle Stefani
RE: MtBE report for Pleasanton sites
July 22, 1999
Page 2 of 4

Henry Moller & Sons Meat Packing Plant, 5710 Foothill Road

A small gasoline UST was removed in 1990. Six monitoring wells were eventually installed and monitored over several years due to a release from this tank. Although underlying groundwater was impacted to some extent by gasoline compounds, MtBE was not detected (ND) above laboratory reporting limits. Potential impact to Gold Creek was also evaluated and dismissed. The site is currently under review for case closure.

Highest MtBE: ND
12 month high: "

Steve's Exxon, 2991 Hopyard Road (RO # 362)

This site, located on the corner of Hopyard Road and Valley Avenue, appears to be the most critical release site in Pleasanton due to its close proximity to both the City's and Zone 7's well fields. There is a current network of 11 wells located both on- and off-site, including two wells (MW-5D, MW-8) which monitor deeper water bearing zones of the underlying aquifer. The data appear to demonstrate that impacts are substantially constrained to the site. Exxon operated a soil-vapor extraction (SVE) system at the site up to the early 1990s, and reinstated its use in early 1998 but with limited success so far due to water infiltration into the vapor extraction wells. A request for an additional well and modification to the SVE system has been made.

Highest MtBE: 4950 ug/l (3/99)
12 month high: same

Shell Station, 3790 Hopyard Road

An apparent release was discovered during routine monitoring of the USTs in 1987. These tanks were removed in 1988 and new tanks installed elsewhere on the site. Several phases of investigation followed with the eventual construction of 10 shallow monitoring wells, located both on- and off-site, and 3 recovery wells, installed at a time when active remediation was being considered. Nine of the monitoring wells are now sampled and monitored yearly.

Highest MtBE: 6900 ug/l (6/97)
12 month high: 1780 ug/l

Shell Station, 5251 Hopyard Road

A release was first discovered at this site in 1987 during installation of one shallow groundwater and 3 vadose zone wells intended to provide indirect monitoring of the UST system. Four additional shallow on-site wells were installed in 1989, followed by 3 more in 1990 installed in off-site locations. The fuel release appears to be substantially constrained to the site. All wells are currently monitored on a yearly schedule.

Ms. Danielle Stefani
RE: MtBE report for Pleasanton sites
July 22, 1999
Page 3 of 4

Highest MtBE: 3200 ug/l (5/97)
12 month high: 374 ug/l

Chevron Station, 5280 Hopyard Road

It has been reported that the original USTs were replaced in 1981. A gasoline release was identified during routine tank monitoring in 1989 and lead to the eventual installation of 3 shallow monitoring wells. In ~1991 the station was reconfigured and new tanks were installed in another location at the site. The three original wells were destroyed in the process and replaced. Three additional off-site wells were installed in 1997 for a total of 6 active wells.

Highest MtBE: 680 ug/l (6/96)
12 month high: 290 ug/l

(Former) Exxon Station, 349 Main Street

A release was discovered during the 1989 replacement of the original USTs at this former service station site. These replacement tanks were subsequently removed in 1993, and the site and later redeveloped. Several phases of environmental investigation followed the 1989 tank replacement, resulting in the eventual installation of 8 monitoring wells, on both on- and off-site locations, and 3 SVE wells. No active remediation occurred. Only two wells survive to this day. The site is currently being considered for closure.

Highest MtBE: 11 ug/l (6/96)
12 month high: ND

(Former) Mobil Station, 1024 Main Street

A release from the USTs was discovered during 1989 tank removals. Since that time several phases of investigation have been performed, with the eventual installation of 12 monitoring wells located both on- and off-site, and 3 groundwater and 4 SVE wells. SVE and groundwater treatment systems have operated nearly continuously at the site since 1995, with the cumulative removal of over 4000 gallons of product from the unsaturated soils and 3.9 million gallons of groundwater treatment system throughput. Although MtBE was "tentatively" identified (EPA Method 8020) in samples collected in the past from wells at the site, its presence was either not confirmed using more definitive laboratory methodologies (EPA Method 8260), or the actual concentrations were insignificant.

Highest MtBE: 1000 ug/l (Method 8020); ND (Method 8260) (8/97)
12 month high: 25 ug/l (Method 8260)

Ms. Danielle Stefani
RE: MtBE report for Pleasanton sites
July 22, 1999
Page 4 of 4

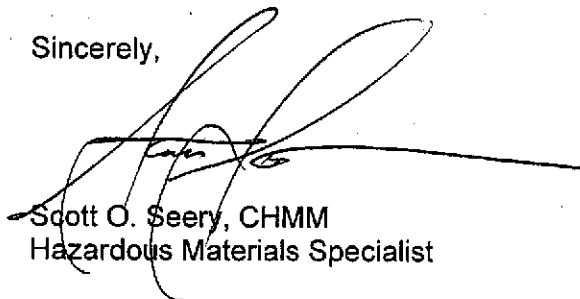
Can-Am Plumbing, 151 Wyoming Street

Although not yet a "case" overseen by this office, preliminary data collected during the June 1999 tank removals indicate up to 100,000 ug/l MtBE in shallow water within the tank pit. It is unknown if the sampled water represents true groundwater or an isolated "perched" zone. Awaiting final report and a determination of next appropriate steps in confirmation of this apparent release.

Highest MtBE: 100,000 ug/l (6/99)
12 month high: as above

I trust this report provides the information you were seeking. Please contact me at (510) 567-6783 should you need further assistance.

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Thomas Peacock, ACDEH LOP
Chuck Headlee, RWQCB
Craig Mayfield, Zone 7
Steve Cusenza, City of Pleasanton, P.O. Box 520, Pleasanton, CA 94566-0802

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0# 362

March 11, 1999

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

STID 1672

Ms. Marla Guensler
Exxon Company, U.S.A.
2300 Clayton Road, Ste. 640
Concord, CA 94520

RE: EXXON SERVICE STATION #7-3399, 2991 HOPYARD ROAD, PLEASANTON

Dear Ms. Guensler:

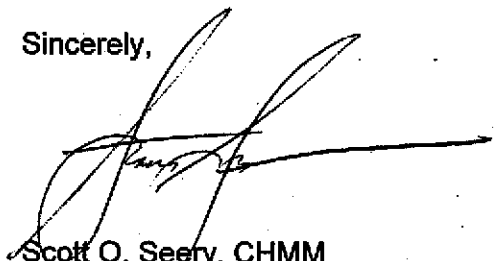
I have been attempting to contact you since March 1st to discuss issues associated with this case. Following are topics and concerns I would like to discuss with you:

- 1) Groundwater flow directions, as illustrated in quarterly reports submitted for the reporting period of 12/97 through 12/98, demonstrate a shift, in general, towards the west. There currently is no well coverage west of the "hot" zone (near well MW-9). A replacement for well MW-3 is necessary to provide the appropriate well coverage down-gradient of the source area.
- 2) The soil vapor extraction (SVE) system has reportedly been "off-line" since April 1998. It has been reported that this was due to the screened interval of SVE well VR-4 being inundated by the presence of shallow groundwater in that area, at least up until the September 1998 monitoring event. No field notes/monitoring logs have been provided in the quarterly reports to confirm this, however.
- 3) The most recent report (4th Quarter 1998) fails to indicate the status of this shallow groundwater problem in the area of VR-4 during the 12/98 event. Further, no discussion of the consultant's success at resurrecting the SVE system, e.g., switching extraction to VR-3, discovering the source of the water in VR-4, etc., was presented.
- 4) No report was submitted for the 3rd Quarter of 1998
- 5) What is the status of your negotiations with the City of Pleasanton regarding Municipal Well No.7?

Please contact me as soon as you can. I may be reached at (510) 567-6783.

Ms. Guensler
RE: 2991 Hopyard Road, Pleasanton
March 11, 1999
Page 2 of 2

Sincerely,

A handwritten signature in black ink, appearing to read "Scott O. Seery". The signature is stylized with a long horizontal stroke extending to the right.

Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Chuck Headlee, RWQCB
Danielle Stefani, Livermore-Pleasanton Fire Department
Steve Cusenza, Pleasanton Public Works Department
David Lunn, Zone 7
James Brownell, Delta Environmental Consultants, Inc.
3164 Gold Camp Dr., Ste. 200, Rancho Cordova, CA 95670-6021

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO#362

September 25, 1997

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

STID 1672

Ms. Marla Guensler
Exxon Company, U.S.A.
2300 Clayton Road, Ste. 640
Concord, CA 94520

RE: EXXON STATION #7-3399, 2991 HOPYARD ROAD, PLEASANTON -
SAMPLING FREQUENCY FOR WELLS MW-5D AND MW-8

Dear Ms. Guensler:

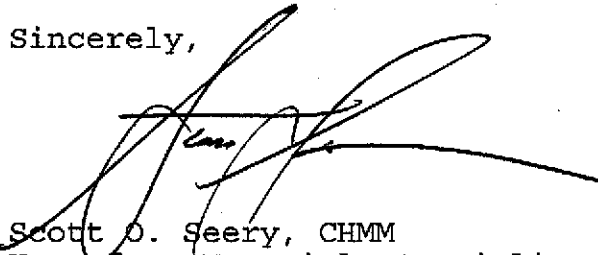
I have reviewed the August 27, 1997 Delta Environmental Consultants, Inc. ("Delta") request to reduce the sampling frequencies in wells MW-5D and MW-8 from the current quarterly schedule to an annual schedule. Costs for purge water transportation and disposal are cited as cause for this request.

You may recall that the noted wells act as "sentinel" wells for the site: well MW-5D is screened through the "deeper" of the shallow water bearing zones, while well MW-8 is screened at depths consistent with the upper screen interval of the nearby Pleasanton Municipal Well No. 7. Frequent sampling of wells MW-5D and -8 provides the means for timely identification of contaminants in these more sensitive regions of the aquifer.

At this time, please adhere to the current quarterly sampling schedule for these two wells.

Please contact me at (510) 567-6783 should you have any questions or comments.

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Mee Ling Tung, Director, Environmental Health
Kevin Graves, RWQCB
Chris Boykin, Livermore-Pleasanton Fire Department
Steve Cusenza, Pleasanton Public Works Department
David Lunn, Zone 7
Keoni Almeida, Delta Environmental Consultants, Inc.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO# 362

August 26, 1997

ENVIRONMENTAL HEALTH SERVICES

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

STID 1672

Ms. Marla Guensler
Exxon Company, U.S.A.
2300 Clayton Road, Ste. 640
Concord, CA 94520

RE: EXXON SERVICE STATION #7-3399, 2991 HOPYARD ROAD,
PLEASANTON - PAR/RAP

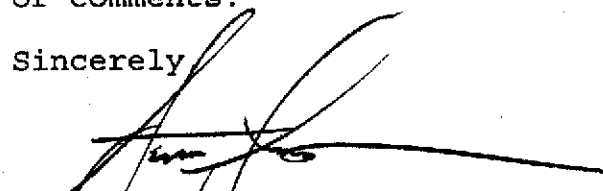
Dear Ms. Guensler:

I am in receipt of and have reviewed the August 20, 1997 Delta Environmental Consultants, Inc. ("Delta") revision to the May 30, 1996 *Problem Assessment Report/Remedial Action Plan (PAR/RAP)* for the referenced Pleasanton site. The RAP, as revised, proposes implementation of a combination of soil vapor extraction (SVE), air sparging, and "bioventing" in that area of the site surrounding monitoring well MW-9 and boring B-17. A well box was reportedly installed adjacent B-17 during recent subsurface work to facilitate the installation of an additional SVE well should the performance of the current SVE well (VR-4) prove unsatisfactory.

The RAP element of the cited Delta document, as revised, has been accepted as submitted. Please be aware, however, that the installation of one or more "deep" monitoring wells screened across the upper interval of the nearby municipal wells may be required in the future to fully evaluate this case.

Please contact me at (510) 567-6783 should you have any questions or comments.

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Mee Ling Tung, Director, Environmental Health
Kevin Graves, RWQCB
Chris Boykin, Livermore-Pleasanton Fire Department
Steve Cusenza, Pleasanton Public Works Department
David Lunn, Zone 7
Keoni Almeida, Delta Environmental Consultants, Inc.

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO# 362

March 4, 1997

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

STID 1672

Ms. Marla Guensler
Exxon Company, U.S.A.
2300 Clayton Road, Ste. 640
Concord, CA 94520

RE: EXXON SERVICE STATION #7-3399, 2991 HOPYARD ROAD,
PLEASANTON

Dear Ms. Guensler:

I am in receipt of the February 27, 1997 Delta Environmental Consultants, Inc. ("Delta") *Work Plan for Additional Assessment* describing a proposed Geoprobe investigation of the previously-abandoned dispenser islands located within the northern-most quadrant of the site. The cited Delta work plan has been accepted as submitted, with following modification:

- o All Geoprobe points are to be advanced to a depth of 45', at a minimum, the depth consistent with the highest TPH-G concentrations encountered in soil samples collected during advancement of nearby boring S-B17. Sampling intervals shall remain as proposed.

I understand that field activities are scheduled for Monday, March 10, 1997. I will attempt to visit the site in the late morning that day, although a previous appointment may delay my arrival to some extent.

In another matter, please keep me apprised of your negotiations with the City with respect to the issues surrounding relocation, abandonment or change of use (monitoring) of Muni Well No. 7. Our ability to approve your RAP, however revised, will be substantially based on resolution of these issues.

Please contact me at (510) 567-6783 should you have any questions or comments.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

Ms. Guensler
RE: 2991 Hopyard Road, Pleasanton
March 4, 1997
Page 2 of 2

cc: Mee Ling Tung, Director, Environmental Health
Kevin Graves, RWQCB
Chris Boykin, Pleasanton Fire Department
Steve Cusenza, Pleasanton Public Works Department
Jerry Killingstad, Zone 7
Keoni Almeida, Delta Environmental Consultants, Inc.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO# 362

RAFAT A. SHAHID, DIRECTOR

March 14, 1996

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

STID 1672

Ms. Marla Guensler
Exxon Company, U.S.A.
P.O. Box 4032
Concord, CA 94524-2032

RE: EXXON STATION NO. 7-3399, 2991 HOPYARD ROAD, PLEASANTON

Dear Ms. Guensler:

This letter is intended to follow-up our conversation yesterday, prompted by this agency's receipt of the January 15, 1996 Delta Environmental Consultants, Inc. (Delta) report of fourth quarter 1995 sampling and monitoring activities associated with the investigation of the subject site. The cited Delta report was submitted under Exxon cover dated March 7, 1996. As we discussed, this site is considered a high priority case as a consequence of its location relative to the municipal well field, and specifically to municipal well No. 7, several hundred feet northwest of the Exxon site.

Review of the cited Delta report indicates a recent, marked increase in dissolved fuel component concentrations in water sampled from on-site well MW-9 during the August and November 1995 sampling events. In addition, on-site well MW-8, screened in the "deep" underlying water-bearing zone, reportedly consistent with the upper screen interval of municipal well No. 7, and off-site well MW-5D, screened in the deeper "shallow" zone, have also shown trends suggesting both lateral and vertical transport of contaminants away from the known former source areas at the subject site. We are unclear whether these recent increases in concentration can be explained by recent trends in ground water recovery, represent a more recent release at the site, or are a combination of these or some other factors not yet identified.

Due to the relative proximity of this site to the municipal water supply wells and recent trends in dissolved fuel component concentrations identified in both on- and off-site wells, this site should be given higher priority than the "typical" fuel release site. These recent trends, as well as hydrogeologic interpretations professed in the past, should be evaluated and, in the case of former fate and transport and hydrogeologic interpretations, reevaluated in light of recent developments. You mentioned these issues would best be presented in a "Problem Assessment Report." I concur with this suggestion.

Ms. Guensler
RE; 2991 Hopyard Road, Pleasanton
March 14, 1996
Page 2 of 2

At this time, please adhere to the following additional requests:

- 1) Technical reports are to be submitted within 60 days of the completion of field activities
- 2) Technical reports are to include the professional interpretation of data which shall include, among other probable elements:
 - o Status of ground water contamination interpretation
 - o Interpretation and discussion of results: water level contour maps, risk-driving target component isoconcentration maps, geologic cross-sections, etc.
 - o Recommendations for any needed additional work to better characterize and/or remediate long-term source areas
- 3) Tabulation of all historic water elevation, chemical concentration, and measured free product thicknesses for each well in the network

Please have your consultant begin the evaluation of this case and completion of the "Problem Assessment Report" as a highest priority. We anticipate receipt of this report within 45 days of the date of this letter.

Please contact me at 510/567-6783 should you have any questions.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Jun Makishima, Acting Director
Gil Jensen, Alameda County District Attorney's Office
Kevin Graves, RWQCB
William Halvorsen, Pleasanton Fire Department
Jerry Killingstad, Zone 7
Steve Cusenza, Pleasanton Public Works Dept.
P.O. Box 520, Pleasanton, CA 94566