

**Wickham, Jerry, Env. Health**

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**To:** Bryan campbell  
**Cc:** Christa Marting; Karthika Thurairajah; jennifer.c.sedlachek@exxonmobil.com  
**Subject:** RE: 7-3399: Fuel Leak Case No. RO0000326, 2991 Hopyard Road, Pleasanton

Mr. Campbell,

Based upon your request, the schedule for restart of the groundwater extraction system is extended to February 28, 2007.

Regards,  
Jerry Wickham  
Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
510-567-6791 phone  
510-337-9335 fax  
jerry.wickham@acgov.org

-----Original Message-----  
From: Bryan campbell [mailto:BCampbell@eticeng.com]  
Sent: Tuesday, December 19, 2006 5:12 PM  
To: Wickham, Jerry, Env. Health  
Cc: Christa Marting; Karthika Thurairajah; jennifer.c.sedlachek@exxonmobil.com  
Subject: 7-3399: Fuel Leak Case No. RO0000326, 2991 Hopyard Road, Pleasanton

Dear Mr. Wickham,

We are in receipt of your letter dated 30 November 2006. The letter requests the restart of the groundwater extraction system (GES) no later than 10 January 2007.

Per our conversation this month, we would like to request an extension for the startup of the system to 28 February 2007. This extension will allow us time to review the modeling effort that formed the basis of our stated restart criteria for the GES as it relates to the recent increase in groundwater levels at the site. In addition, the extension will allow us time to assess the condition of the key components of the GES in order to determine if any of them require maintenance or replacement prior to full operation of the system.

Please let us know if you have any questions. Thank you.

Bryan Campbell, P.G.  
ETIC Engineering, Inc.  
2285 Morello Avenue, Pleasant Hill, CA 94523  
Phone: 925-602-4710 ext. 24, Fax: 925-602-4720  
Cell: 925-250-5256, bcampbell@eticeng.com

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director




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

November 30, 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. [REDACTED] and Geotracker Global ID No. T0600100537, 2991 Hopyard Road, Pleasanton, CA

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, including the report entitled, "Report of Groundwater Monitoring, Third Quarter 2006," dated November 14, 2006, which was prepared on your behalf by ETIC Engineering, Inc. The "Report of Groundwater Monitoring, Third Quarter 2006," dated November 14, 2006, presents the results from groundwater sampling conducted on September 19 and 20, 2006.

The groundwater extraction system, which began operation on March 12, 2001, was shut down on October 27, 2004 in order to monitor groundwater under non-pumping conditions. As presented in the "Soil and Water Investigation Work Plan and Modified Corrective Action Plan," dated March 31, 2005 and approved by ACEH in correspondence dated November 4, 2005, restart of the groundwater extraction system or implementation of other remedial measures would be triggered by an increase in concentrations of benzene or MTBE above cleanup goals (cleanup goals are 1 microgram per liter [ $\mu\text{g/L}$ ] for benzene and 5  $\mu\text{g/L}$  for MTBE) for at least two consecutive quarters or the detection of ethanol in groundwater samples. MTBE concentrations have increased to concentrations above the cleanup goal in wells MW-9A, PMW5, and VR2 over the last three quarters of groundwater monitoring. During the most recent groundwater sampling event on September 20, 2006, the concentration of MTBE in groundwater from wells MW-9A, PMW5, and VR2 ranged from 27 to 1,150  $\mu\text{g/L}$ . In addition, water levels have risen since system shutdown, providing adequate water levels in the extraction wells for system operation. Therefore, we request that you restart the groundwater extraction system **no later than January 10, 2007**. Please report on system startup in the Quarterly Monitoring Report for Fourth Quarter 2006 to be submitted as requested below.

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:

- **February 15, 2007** – Quarterly Monitoring for Fourth Quarter 2006 and Remediation System Start Up Report
- **45 days following the end of each quarter** – Quarterly Monitoring and Remediation System Summary Report

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

### ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements ([http://www.swrcb.ca.gov/ust/cleanup/electronic\\_reporting](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**

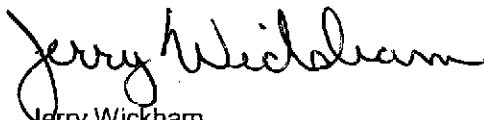
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

**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  
File

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



7

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. [REDACTED], 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.

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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](mailto: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  
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ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

November 4, 2005

Jennifer Sedlacheck  
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. [REDACTED] 52, 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 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](mailto: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](http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting)).

### PERJURY STATEMENT

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**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  
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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

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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. R00000352, 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

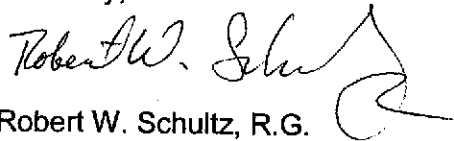
Please note that delays in investigation, late reports or enforcement actions by ACEH may result in you becoming ineligible to receive cleanup cost reimbursement from the state's Underground Storage Tank Cleanup Fund (senate Bill 2004).

## 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

RO 362

**ExxonMobil  
Refining & Supply Company**  
Global Remediation  
4096 Piedmont Avenue #194  
Oakland, CA 94611  
(510) 547-8196 Telephone  
(510) 547-8706 Facsimile  
jennifer.c.sedlachek@exxonmobil.com

**Jennifer C. Sedlachek**  
Project Manager  
Global Remediation – U.S. Retail

Alameda County  
SEP 22 2004  
Environmental Health

**ExxonMobil**  
Refining & Supply

September 20, 2004

Mr. Bob Schultz  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway  
Alameda, California 94501

**Subject: Change in ExxonMobil Project Manager for Alameda Co. Health Care Services Agency Sites**

Dear Mr. Schultz:

I am writing to inform you that I am replacing Mr. Gene Ortega as the ExxonMobil point of contact for the following ExxonMobil sites that you oversee:

- Former Mobil Station 04-H6J, 1024 Main Street, Pleasanton, CA (ACHCSA File No. RO-2427)
- Former Exxon RAS #7-3399, 2991 Hopyard Road, Pleasanton, CA (ACHCSA File No. RO-362)

Please update your records to reflect this change. Correspondence regarding these sites should be sent to me at the following address:

Ms. Jennifer C. Sedlachek  
ExxonMobil Refining and Supply Company  
4096 Piedmont Avenue #194  
Oakland, CA 94611

I look forward to working with you in the management of these sites. If you have any questions, please contact me at 510.547.8196.

Sincerely,



Jennifer C. Sedlachek  
Project Manager

- c: Mr. Gene Ortega - ExxonMobil Refining and Supply Company
- Mr. Matthew Katen - Alameda County Flood Control and Water Conservation District
- Ms. Christa Marting - ETIC Engineering, Inc.

20362

**ExxonMobil**  
**Refining & Supply Company**  
Global Remediation  
4096 Piedmont Avenue #194  
Oakland, CA 94611  
(510) 547-8196 Telephone  
(510) 547-8706 Facsimile  
jennifer.c.sedlachek@exxonmobil.com

**Jennifer C. Sedlachek**  
Project Manager  
Global Remediation – U.S. Retail

**ExxonMobil**  
*Refining & Supply*

September 20, 2004

Mr. Stephen Cusenza  
City of Pleasanton  
Public Works Department  
P.O. Box 520  
Pleasanton, California 94588

**Subject: Change in ExxonMobil Project Manager for City of Pleasanton Public Works Dept. Site**

Dear Mr. Cusenza:

I am writing to inform you that I am replacing Mr. Gene Ortega as the ExxonMobil point of contact for the following ExxonMobil site that you oversee:

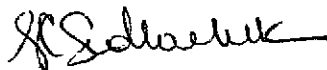
Former Exxon RAS #7-3399, 2991 Hopyard Road, Pleasanton, CA (ACHCSA File No. RO-362)

Please update your records to reflect this change. Correspondence regarding this site should be sent to me at the following address:

Ms. Jennifer C. Sedlachek  
ExxonMobil Refining and Supply Company  
4096 Piedmont Avenue #194  
Oakland, CA 94611

I look forward to working with you in the management of this site. If you have any questions, please contact me at 510.547.8196.

Sincerely,



Jennifer C. Sedlachek  
Project Manager

c: Mr. Gene Ortega - ExxonMobil Refining and Supply Company  
Mr. Bob Schultz - Alameda County Health Care Services Agency  
Ms. Christa Marting - ETIC Engineering, Inc.



**ExxonMobil**  
**Refining & Supply Company**  
Global Remediation

4096 Piedmont Avenue #194  
Oakland, CA 94611  
(510) 547-8196 Telephone  
(510) 547-8706 Facsimile  
jennifer.c.sedlachek@exxonmobil.com

**Jennifer C. Sedlachek**  
Project Manager  
Global Remediation – U.S. Retail

**ExxonMobil**  
*Refining & Supply*

September 20, 2004

Mr. Cherie McMaulou  
California Regional Water Quality Control Board  
San Francisco Bay Region  
1515 Clay Street, Suite 1400  
Oakland, CA 94612

**Subject: Change in ExxonMobil Project Manager for Regional Water Quality Control Board Site**

Dear Ms. McMaulou:

I am writing to inform you that I am replacing Mr. Gene Ortega as the ExxonMobil point of contact for the following ExxonMobil site that you oversee:

Former Exxon RAS #7-3399, 2991 Hopyard Road, Pleasanton, CA (ACHCSA File No. RO-362)

Please update your records to reflect this change. Correspondence regarding this site should be sent to me at the following address:

Ms. Jennifer C. Sedlachek  
ExxonMobil Refining and Supply Company  
4096 Piedmont Avenue #194  
Oakland, CA 94611

I look forward to working with you in the management of this site. If you have any questions, please contact me at 510.547.8196.

Sincerely,



Jennifer C. Sedlachek  
Project Manager

- c: Mr. Gene Ortega - ExxonMobil Refining and Supply Company  
Mr. Bob Schultz - Alameda County Health Care Services Agency  
Ms. Christa Marting - ETIC Engineering, Inc.

# Ultramar

Ultramar, Inc.  
685 W. Third Street  
Hanford, CA 93230-5016  
(559) 582-0241

Fax: 559-583-3282 Environmental  
559-583-3256 Retail Administration  
559-583-3330 Human Resource  
559-583-3382 Maintenance

October 7, 2002

**Alameda County**

**OCT 11 2002**

**Environmental Health**

Mr. Scott Seery  
Hazardous Materials Specialist  
Alameda County Health Care Services Agency  
Department of Environmental Health  
1131 Harbor Bay Parkway, Second Floor  
Alameda, CA 94502

**SUBJECT: Clarification - Current Underground Storage Tank Operator  
Former Exxon RAS #7-3399  
Valero #3823  
2991 Hopyard Road, Pleasanton, California**

Dear Mr. Seery:

Valero Energy Corporation (Valero) has reviewed the September 25, 2002 letter prepared by ExxonMobil, Fee Title Owners and Current Underground Storage Tank Operator, for the subject property (Attached). We have prepared this follow-up letter to provide you clarification.

Valero is a lessee of the property and the fuel-system is owned and maintained by Valero, but Valero does not operate the facility. **The fuel system and station are operated by a sublessee dealer, Steve Asmann Incorporated.** Our records indicate that the mailing address for the dealer is the station address.

Please call if you have questions or need additional information (559-583-3231).

Sincerely,

**ULTRAMAR INC. - A VALERO COMPANY**



Joseph A. Aldridge, RG  
Senior Project Manager  
Retail Environmental Services

Attachment

- cc: Mr. Gene N. Ortega, P.E., ExxonMobil Refining & Supply Company
- Mr. Steve Asmann, Steve Asmann Incorporated
- Mr. Chuck Headlee, RWQCB - San Francisco Region
- Mr. Matthew Katen, Zone 7 Water Agency
- Mr. Steven Cusenza, City of Pleasanton Public Works Department
- Ms. Danielle Stefani, Livermore-Pleasanton Fire Department
- Mr. Joseph Muehleck, ETIC Engineering, Inc.



A Member of the Ultramar Group of Companies

**BEACON**  
#1 Quality And Service

**ExxonMobil**  
**Refining & Supply Company**  
Global Remediation  
2300 Clayton Road, Suite 1250  
Concord, CA 94520  
(925) 246-8747 Telephone  
(925) 246-8798 Facsimile  
gene.n.ortega@exxonmobil.com

Gene N. Ortega  
Territory Manager  
Global Remediation – U.S. Retail

**ExxonMobil**  
*Refining & Supply*

September 25, 2002

**Alameda County**

SEP 27 2002

**Environmental Health**

Mr. Scott Seery  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway  
Alameda, CA 94501-6577

Subject: **Fee Title Owners and Current Underground Storage Tank Operator**  
Former Exxon RAS #7-3399, 2991 Hopyard Road, Pleasanton, California

Dear Mr. Seery:

ExxonMobil Refining and Supply Company submits this letter in response to your request in a letter dated September 10, 2002 for information regarding the current record of fee title owners and current underground storage tank operator for the above-mentioned property. The information below is correct to the best of my knowledge.

The following property ownership information, including fee title owners, was obtained from the Alameda County Assessors Office on September 25, 2000:

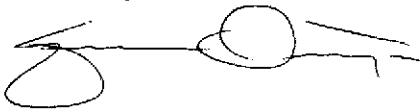
**APN:** 946-3324-003-00  
**Address:** 2991 Hopyard Road, Pleasanton California  
**Owners:** Kirk D. Morrison  
Jeffrey S. Morrison  
MCO Development Ltd.  
**Mailing Address (for all owners):**  
c/o Kirk D. Morrison  
224 Woodward Avenue  
Sausalito, CA 94965

The following is the current underground storage tank <sup>OWNER</sup>~~operator~~ for the property:

**Name:** Valero Energy Corporation  
Retail Environmental Services  
Attention: Joseph A. Aldridge  
**Address:** 685 West Third Street  
Hanford, CA 93230

If you have any questions or comments, please contact me at (925) 246-8747.

Sincerely,

A handwritten signature in black ink, appearing to read "Gene N. Ortega". The signature is stylized with a large loop at the end.

Gene N. Ortega  
Territory Manager

- c: Mr. Chuck Headlee - Regional Water Quality Control Board, San Francisco Bay Region
- Mr. Matthew Katen - Zone 7 Water Agency
- Mr. Stephen Cusenza - City of Pleasanton Public Works Department
- Mr. Thomas Elson - Luhdorff and Scalmanini Consulting Engineers
- Mr. Joseph A. Aldridge - Valero Energy Corporation
- Ms. Danielle Stefani, Livermore-Pleasanton Fire Department
  
- c: w/o attachment:
- Mr. Joseph Muehleck - ETIC Engineering, Inc.

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

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

Steve's Exxon  
2991 Hayward Rd  
Pleasanton

3-27-01

MEMO to file:

Carol Maloney (Zone 7) informed me today that Zone 7 had placed transducers in wells MW-12A, -13, and -14 in preparation to perform pump tests on Zone 7 wells Hop 6 and Hop 9. She reports that there was a large influence in MW-14 when pumping Hop 6, and a slight influence when pumping Hop 9. The transducer in MW-12A was apparently malfunctioning, and so the results for this well were questionable. The total depth of MW-13 was measured @ ~ 55' BG, as the transducer would go no deeper. ETIC reports well depth to be closer to 70'. ETIC was notified of this, and will be checking on it when at the site tomorrow.

Zone 7's pumping tests were performed in preparation of their "Source Water Assessment."



Drilling well MW-9A

11-3-00



11-3-00



ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

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

October 27, 2000

STID 1932

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 – 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

**ExxonMobil  
Refining and Supply Company**

2300 Clayton Road, Suite 1250  
P.O. Box 4032  
Concord, CA 94524-4032  
(925) 246-8768 Telephone  
(925) 246-8798 Facsimile  
darin.l.rouse@exxon.com

**Darin Rouse**  
Senior Engineer  
Environmental Remediation

**ExxonMobil**  
*Refining & Supply*

September 20, 2000

Mr. Scott Seery  
Alameda County Environmental Health Department  
1131 Harbor Bay Parkway  
Alameda, CA 94501-6577

Subject: Exxon RAS #7-3399/2991 Hopyard Road, Pleasanton, California

Dear Mr. Seery:

I am writing in response to your letter dated September 6, 2000 requesting an update on remediation plans at the above-referenced site. A similar response to email requests on the subject was sent via email by Mr. Joseph Muehleck of ETIC Engineering on September 6, 2000.

Water was pumped from several wells in June and July to help estimate sustainable rates for a pump and treat system. The water is being stored in an onsite Baker tank. A permit to discharge that water to the Dublin San Ramon Services District (DSRSD) (local POTW) has been reviewed and signed by ExxonMobil Refining and Supply Company (ExxonMobil) and is being sent back to the DSRSD for final approval. Please note that this represents a change since the last email correspondence from Mr. Muehleck.

The permit will cover discharge of the Baker tank water and longer term discharge. The water from the Baker tank will be discharged once the permit is signed by an Authorized Representative of ExxonMobil and by the DSRSD.

**A draft design for a pump and treat system has been prepared by ETIC and is being reviewed by ExxonMobil.** Construction of the system will commence when plans are finalized.

If you have any questions or comments, please contact me at (925) 246-8768.

Sincerely,

  
Darin E. Rouse  
Senior Engineer

c: Mr. Chuck Headlee – Regional Water Quality Control Board, San Francisco Bay Region  
Mr. Matthew Katen – Alameda County Flood Control and Water Conservation District (Zone 7)  
Mr. Stephen Cusenza – City of Pleasanton Public Works Department  
Ms. Danielle Stefani – Livermore-Pleasanton Fire Department  
Ms. Christa Marting – ETIC Engineering, Inc.

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

September 6, 2000

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

## **Seery, Scott, Public Health, EH**

---

**From:** Seery, Scott, Public Health, EH  
**Sent:** Friday, September 01, 2000 3:42 PM  
**To:** Christa; Chuck Headlee; Darin Rouse; Doug Oram; Joe Muehleck; Matt Katen; 'Roger Brewer'; Stephen Cusenza; Tom Elson  
**Cc:** Levi, Ariu, Public Health, EH; Peacock, Tom, Public Health, EH  
**Subject:** 2nd request for update on "interim" remediation - Exxon #7-3399

During the May meeting it was agreed that interim remediation would proceed at the subject Exxon site. We were informed that permits would need to be acquired from DSRSD for eventual discharge of extracted groundwater. I recall that a Baker tank was considered for use on a temporary basis to store extracted water until permits were secured. A Baker tank has been at the site for weeks. I understand that Joe was to meet a DSRSD inspector at the site to discuss discharge permits about 10 days ago or so.

I requested an update on the progress of this task nearly 4 weeks ago, but have yet to hear back. I realize ETIC has been extremely busy with the logistics of getting the sentinel wells sited and constructed, which has proven to be a bit of a nightmare in practice. However, interim remediation is another very critical element of this project and an update on its status is overdue.

Will someone please inform the group of the status of this task? Thanks in advance.

Scott

## Seery, Scott, Public Health, EH

---

**From:** Matt[SMTP:MKaten@zone7water.com]  
**Sent:** Monday, August 21, 2000 6:02 PM  
**To:** 'Seery, Scott, Public Health, EH'  
**Subject:** RE: Exxon sentinel wells

I think neat Class G cement has a thickening time of about 3 hrs so I'd expect the heat of hydration to happen during that time. Also 42 ft bgs is about where I'd expect the water/air interface to be. Maybe the wrinkle occurred where there wasn't water to cool the casing. In any case, its a shame.

> -----Original Message-----

> From: Seery, Scott, Public Health, EH [SMTP:sseery@co.alameda.ca.us]  
> Sent: Monday, August 21, 2000 3:32 PM  
> To: 'Matt Katen'  
> Cc: Levi, Ariu, Public Health, EH; Peacock, Tom, Public Health, EH  
> Subject: Exxon sentinel wells

>

> Matt

>

> I spoke with Joe Muehleck today after ETIC had a chance to send a  
> camera  
> down the affected deep sentinel well. He reports that it appears the  
> casing  
> is a bit collapsed, although intact, into the inner bore of the  
> completed  
> well. Joe says the obstruction is in the shape of an elongated  
> tongue,  
> perhaps only a few inches in length, but large enough to prevent a  
> water  
> level interface probe from passing down the well beyond the ~42' mark.  
> They  
> believe that the hydration of the cement created enough heat to soften  
> the  
> PVC to the extent that it distorted inward.

>

> I asked in the field today what cement they used, their "recipe", and  
> whether any accelerants were used to speed up the cure times. The  
> ETIC  
> geologist indicated he didn't know. He was at that time trying to  
> track  
> down from where the bags of cement came, and what sort of heat  
> generation  
> should have been expected.

>

> I notice the CA Water Well Standards (12/81) warn of this (heat  
> generation)  
> being a potential problem with [PVC] well casings. They specifically  
> indicate accelerants should never be used with [PVC] well casings. I  
> hope  
> this did not occur in this case. I ponder this because the crew only  
> just  
> tremedied the seal into the well on Friday, and the obstruction was  
> noticed  
> later that afternoon. That seems pretty fast to me.

>

> Scott

## **Seery, Scott, Public Health, EH**

---

**From:** Seery, Scott, Public Health, EH  
**Sent:** Thursday, August 10, 2000 2:26 PM  
**To:** Christa; Chuck Headlee; Darin Rouse; Doug Oram; Matt Katen; 'Roger Brewer'; Stephen Cusenza; Tom Elson  
**Cc:** Levi, Ariu, Public Health, EH; Peacock, Tom, Public Health, EH  
**Subject:** Sentinel well installation approval - Exxon #7-3399

Attached is the approval letter for ETIC's sentinel well installation workplan, revised. I anticipate that the revised workplan met with everyone's approval. I understand that work will begin next Tuesday, August 15th.

On another topic, ~~review of my notes from the May meeting reminded me that I have not heard more about the implementation of interim remediation at the site. We talked during our meeting about the need for DSRSD discharge permits, or the use of a Baker tank for temporary on-site water storage.~~ Judging by the presence of a large Baker tank at the site, I'm guessing that option was selected.

Would someone please give the group an update on this task? Thanks in advance.

Darin - You may remember that I mentioned that Santa Clara Valley Water District had done a study of many the vapor-assist systems at UST sites in their area, performing some kind of Air Board test. I had neglected to get back to you regarding the test method they employed. Well, I got the info from Jim Crowley a few weeks back

The test method for the vapor piping is designated "ST-30", and uses Nitrogen as the test medium. I hope this helps.

I trust I may see a few of you next week at the drilling sites.

Scott



2991 Hopyard.sentinel  
well w.p. approval



1 08-15-00  
DCP\_0442.JPG



2 08-15-00  
DCP\_0443.JPG



3 08-15-00  
DCP\_0444.JPG



4 08-15-00  
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11 08-15-00  
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13 08-15-00  
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15 08-15-00  
DCP\_0456.JPG



16 08-15-00  
DCP\_0457.JPG



17 08-15-00  
DCP\_0458.JPG

• Sentinel well installations

Stewie's Exxon  
2991 Hayward Rd  
Pleasanton

8-15-00

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



August 10, 2000

STID 1932

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 D. 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



**ExxonMobil  
Refining and Supply Company**

2300 Clayton Road, Suite 1250  
P.O. Box 4032  
Concord, CA 94524-4032  
(925) 246-8768 Telephone  
(925) 246-8798 Facsimile  
darin.l.rouse@exxon.com

**Darin Rouse**  
Senior Engineer  
Environmental Remediation

ENVIRONMENTAL  
PROTECTION

00 JUN 19 AM 8:59

**ExxonMobil**  
*Refining & Supply*

June 14, 2000

Mr. Scott Seery  
Alameda County Environmental Health Department  
1131 Harbor Bay Parkway  
Alameda, CA 94501-6577

Subject: Exxon RAS #7-3399/2991 Hopyard Road, Pleasanton, California  
Addendum to Work Plan for Well Installation

Dear Mr. Seery:

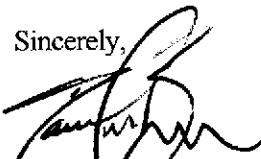
This letter is written to serve as an addendum to the Work Plan for Well Installation submitted in May 2000 for the above-referenced site. The purpose of the addendum is to describe an alternative to the drilling method originally proposed. After further considering the space constraints of the proposed drilling locations and the amount of water that may be produced using air rotary drilling below the water table, it has been decided that sonic drilling will be a more practical method for the proposed wells. The sonic drilling method is briefly described below. All other aspects of the work plan remain unchanged.

The sonic drilling method uses a combination of rotation, hydraulic pressure, and mechanical oscillation to advance an outer casing of approximately 8 inches in diameter and an inner core barrel of approximately 6 inches in diameter. The inner core barrel is advanced into the formation until full or until the sample blocks the passage of additional material into the barrel. The outer casing is advanced to prevent collapse of the borehole. The inner core barrel is retrieved to the surface and transferred into a polyethylene bag for lithologic examination. The steps are repeated, providing continuous core sampling to the total depth of the borehole.

The wells will be installed by a driller licensed in the State of California.

If you have any questions or comments, please contact me at (925) 246-8768.

Sincerely,



Darin E. Rouse  
Senior Engineer

C: Mr. Chuck Headlee – Regional Water Quality Control Board, San Francisco Bay Region  
Mr. Matthew Katen – Alameda Co. Flood Control and Water Conservation District (Zone 7)  
Mr. Stephen Cusenza – City of Pleasanton Public Works Department  
Mr. Thomas Elson – Luhdorff and Scalmanini Consulting Engineers  
Ms. Christa Marting – ETIC Engineering, Inc.

# EXXON COMPANY, U.S.A.

EXXONMOBIL REFINING AND SUPPLY  
Safety, Health, and Environment  
Environmental Engineering

P.O. Box 4032  
Concord, CA 94524-4032

Darin L. Rouse  
Senior Engineer  
(925) 246-8768  
(925) 246-8798 fax  
darin.l.rouse@exxon.com

ENVIRONMENTAL  
PROTECTION  
00 MAY 19 PM 4:39

May 17, 2000

Mr. Scott Seery  
Alameda County Health Care Services  
1131 Harbor Bay Parkway  
Alameda, CA 94502-5577

**RE: Notification of Consultant Change for  
Exxon RS 7-3399, 2991 Hopyard Road, Pleasanton, California**

Dear Mr. Seery:

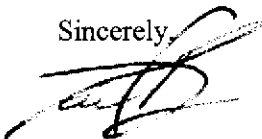
ExxonMobil Refining and Supply Company (formerly Exxon Company, U.S.A.) has recently transferred the consultant responsibilities for the above-referenced site from Delta Environmental Consultants to ETIC Engineering, Inc. Please update your records to reflect this change.

Copies of all correspondence should now be sent to:

Ms. Christa Marting  
ETIC Engineering, Inc.  
144 Mayhew Way  
Walnut Creek, CA 94596

If you have any questions or require any further information, please contact me at (925) 246-8768 or Christa Marting of ETIC Engineering, Inc. at (925) 977-7914.

Sincerely,



Darin L. Rouse  
Senior Engineer

cc: Mr. Chuck Headlee, California Regional Water Quality Control Board—San Francisco Bay Region  
Mr. Matthew Katen, Alameda County Flood Control and Water Conservation District (Zone 7)  
Mr. Stephen Cusenza, City of Pleasanton Public Works Department  
Mr. Steve Asmann, Steve's Exxon  
Ms. Christa Marting, ETIC Engineering, Inc.

## **Seery, Scott, Public Health, EH**

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**From:** Seery, Scott, Public Health, EH  
**Sent:** Thursday, May 11, 2000 2:27 PM  
**To:** Christa; Chuck Headlee; Darin Rouse; Doug Oram; Matt Katen; Stephen Cusenza; Tom Elson  
**Cc:** Peacock, Tom, Public Health, EH; Levi, Ariu, Public Health, EH  
**Subject:** Exxon #7-3399, 2991 Hopyard Rd., Pleasanton - follow-up to May 2 meeting

I'm sorry this has come so late after our meeting last week. The County's e-mail server, like so many others around the globe, had a tough time handling all the "loving" e-mail traffic last week.

I did still want, however, to jot down a few of the big items we discussed at the meeting, and my read on who/how/when they would be resolved, as follows:

Vapor recovery system tests - I spoke with Jim Crowley (SCVWD) late last week regarding the testing they performed on UST vapor-assist systems in the Santa Clara area. He couldn't remember the CARB test method, but promised to get back with me on that this week. So far I have not heard from him. I'll call him next week on this.

On a related topic, SCVWD's final MtBE report I referenced at our meeting is slated to be released this month (it is dated May 2000). I received from Jim last week a copy of the executive summary and letter to the RWQCB requesting environmental MtBE testing at all UST sites, whether now under investigation or not.

Of course, the need for learning of the test method was to pass this info on to Exxon, who could then test the vapor system at the site using this methodology. With luck, we could determine the integrity of the vapor system, and if it may be a contributor to the high MtBE seen in water sampled near the current UST complex.

Interim remediation - A proposal to begin interim remediation was discussed. Wells OW-1 and -2, VR-1 and -2, and MW-9 would be likely extraction points. A permit for sanitary sewer discharge would be sought, but maybe the use of Baker tanks or vacuum trucks would be considered in the interim (interim interim remediation?). A permit is needed quickly, but first a proposal to DSRSD would be required for sewer discharge.

ETIC would be getting back to the group regarding a schedule for getting this whole show going, permits, initiation of work schedule, etc.

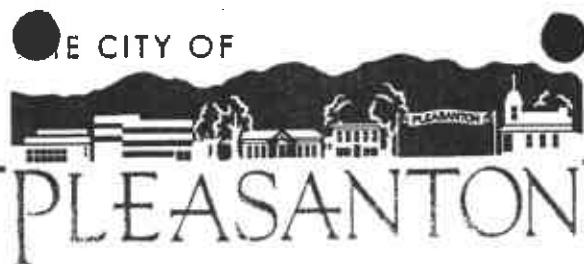
Sentinel wells - Well locations and screen intervals have been agreed to for the most part. Zones 2 and 3 will be targeted with discrete well screens. There was still some debate regarding where, precisely, the north well cluster will be sited (easements, egress/ingress of affected business, traffic control, etc.). The use of air rotary and resultant loss of well logging resolution was also discussed.

ETIC expects to get a brief workplan in to ACDEH and Zone 7 in ~1 - 2 weeks from our meeting date. The final revised X-sections will be included in this work plan.

Pleasanton well No. 7 - Pleasanton intends to bring this well back into service. The City sent a letter to DHS on May 4th declaring their intent, and are seeking DHS input regarding any testing and monitoring requirements.

Please send any revisions or comments you may have regarding this post.

Scott



May 4, 2000

00 MAY -9 AM 10: 06

Mr. Clifford L. Bowen  
District Engineer  
Department of Health Services  
Drinking Water Field Operations Branch  
San Francisco District  
2151 Berkeley Way  
Berkeley, CA 94704-1011

**SUBJECT: INTENT TO REACTIVATE  
CITY OF PLEASANTON WELL NO. 7**

Dear Mr. Bowen:

As the Department is aware, the City's Well No. 7 has been idle since 1992 for mechanical and other reasons. In response to questions and comments you have raised in recent Annual Inspection Findings (DOHS to City of Pleasanton - System No. 0110008, correspondence dated April 26, 1999 and March 10, 1998), we are formally notifying the Department of the City's intent to return this facility back to active service. We will provide evidence of casing integrity and leak detection surveys. We request that your office specify all other testing and monitoring requirements that would result from a source water assessment (SWA) and protection program conducted by your office

One reason we have deferred activation of this well facility is the potential hazard posed by the gasoline contamination detected at the Exxon service station situated southerly across Valley Avenue from the subject well. We understand that the proximity of the contamination to our water supply well may have implications with regard to the SWA program. In taking the step toward reactivating Well No. 7, we have closely reviewed all pertinent information concerning the Exxon site. We have noted that the contamination originated from and has been detected in shallower horizons than the aquifer units which are completed in our municipal supply well. From extensive investigation including testing and sampling of numerous monitoring wells, it is apparent that the contamination is isolated in the shallower permeable aquifer materials and that the main aquifer system completed in Well No. 7 are confined by a substantial aquifer.

For further consideration, we note that the Zone 7 Water Agency operates several wells in the vicinity that have similar completions as our Well No. 7. These wells have operated during the period Well No. 7 has been idle with no apparent degradation of water quality in the aquifer units targeted by our well. Also, in addition to quarterly monitoring required by the Regional Water Quality Control Board, the Alameda County Health Agency has directed Exxon to increase monitoring of the contamination and install sentinel wells to protect the municipal supply source in the area. Mr. Scott Seery of Alameda County Department of Environmental Health has conducted meetings of interested parties and has been active in assessing this site.

**Operations Service Center (OSC)  
P. O. Box 520, Pleasanton, CA 94566-0802**

**3333 Busch Road**

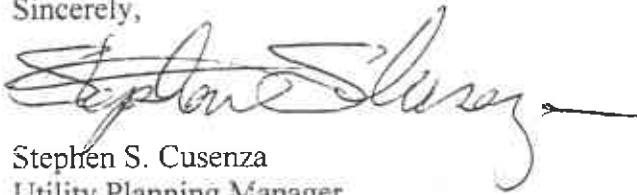
<b>Public Works OSC Administration</b> (925) 484-8074 Fax: 484-8361	<b>Public Works Sewer/Storm</b> (925) 484-8061 Fax: 484-8361	<b>Public Works Streets</b> (925) 484-8066 Fax: 484-8361	<b>Public Works Water</b> (925) 484-8071 Fax: 484-8361	<b>Public Works Utility Planning</b> (925) 484-8074 Fax: 484-8361	<b>Support Services</b> (925) 484-8067 Fax: 484-8361
-------------------------------------------------------------------------------	------------------------------------------------------------------------	--------------------------------------------------------------------	------------------------------------------------------------------	-----------------------------------------------------------------------------	------------------------------------------------------------

At this time, we plan to make repairs to the station piping and are studying the need to conduct full-scale test pumping for selection of permanent pumping equipment. We will conduct a video survey and temperature survey to verify casing integrity and provide your department with a report on the results. As stated above, we request your input as to the testing and monitoring that might be required as part of an amended permit so that we may account for the associated costs in our operating budget.

To assist you with your assessment, we will send, under separate cover, copies of pertinent reports and correspondences concerning the Exxon station. The shallow contamination at this station appears to be the only potential hazard to water quality in the vicinity of the subject well facility.

We would be happy to answer any questions you may have concerning this request.

Sincerely,



Stephen S. Cusenza  
Utility Planning Manager

SSC:dd

- .c Randy Lum, Director of Public Works, City of Pleasanton
- Daniel Smith, Utility Superintendent, City of Pleasanton
- Daniel Kim, Associate Sanitary Engineer, Department of Health Services
- Scott Seery, Alameda County Health Agency
- David Lunn, Zone 7 Water Agency
- Tom Elson, Luhdorff and Scalmanini

# Pleasanton to Davis: Hurry up MTBE ban

By Matt Carter  
STAFF WRITER

PLEASANTON — Saying the cost of cleaning up underground MTBE spills across the state will be "staggering," Pleasanton is asking the state and federal governments to move up a deadline for phasing out the gasoline additive.

MTBE, or methyl tertiary butyl ether, has been detected beneath the ground at 11 sites in Pleasanton, Livermore and Dublin. So far, the chemical hasn't tainted local drinking water supplies.

But with nine MTBE-contaminated sites, Pleasanton officials are pushing for California's ban

on the additive to begin before Dec. 31, 2002, as planned.

"I think the (sites pose a continuing) threat, without question," said Mayor Ben Tarver. "I can't imagine gas costing any more than it does in our area with or without MTBE."

All but one of the nine MTBE-contaminated sites in Pleasanton are beneath gas stations or former gas stations. Regulators are watching one that could threaten drinking water supplies.

Pleasanton pumps about one-fourth of its drinking water from an underground basin.

Please see **MTBE, LOCAL-2**

# MTBE: 'Sentinel' wells can give early warning

Continued from LOCAL-1

and one of the city's four wells is near an MTBE-contaminated site on Hopyard Road that is being watched carefully.

Monitoring wells seem to indicate that the MTBE plume beneath ~~Steve's Exxon No. 1~~ is confined to a shallow area beneath the site, county Hazardous Materials Specialist Scott Seery told local officials in October. However, "Periodic low-level MTBE detection in deeper and off-site wells has raised (the) specter of concern," Seery wrote at the time.

Seery said Monday that at the barely detectable levels recorded, the measurements could be the result of errors in sampling or analysis. Even if valid, the handful of detections over a long period of time don't represent a trend, he said.

But the site's proximity to both city and Zone 7 Water Agency well fields has those agencies working with the county, Exxon and the Regional Water Quality Control Board to find the best sites to drill deeper monitoring wells. These "sentinel" wells would give advance warning of a threat to drinking water supplies.

"Once you determine there might be some vulnerability, it's time to start looking at ways to protect (the well fields), and that's why we're looking at this case very carefully," Seery said.

The city hasn't used the well near the Exxon station for years, but might want to do so in the future, said Public Works Director Randy Lum. Pleasanton has tested its well water for MTBE seven times since 1997 without detecting the chemical, he said.

The most recently opened MTBE investigation in Pleasanton is at Steve's Exxon No. 2 on Santa Rita Road. Although the site is near drinking water wells, only low concentrations of MTBE have been found in

shallow groundwater, Seery said.

Once touted as an aid in cutting auto emissions, many experts now believe MTBE's potential to harm the environment outweigh its benefits. Not only is the chemical a suspected carcinogen, it makes water taste and smell like turpentine — even in minute quantities.

The chemical's proven ability to contaminate drinking water supplies — MTBE has been detected in 54 of 6,684 groundwater sources being tracked by the state — was a factor in an executive order issued by Gov. Gray Davis last March banning its addition to gasoline after 2002. Opponents of a more immediate ban said it would send gasoline prices soaring while suppliers revamped refineries.

Tonight, the Pleasanton City Council is expected to approve letters urging Davis and the U.S. Environmental Protection Agency to take steps that would lead to a more immediate ban on MTBE.

"We applaud your quick action to address the health and safety concerns of MTBE in the environment and your multi-pronged approach to phase out MTBE," a draft of the letter to Davis reads. "However, review of studies estimating cleanup costs from (MTBE) in California groundwater are staggering, approaching \$40 billion."

Rich in oxygen, MTBE is added to gasoline to cut pollution such as carbon monoxide. Federal laws require that MTBE or other "oxygenates" such as ethanol be added to gasoline sold in pollution-choked areas like Los Angeles and Sacramento.

A draft of the letter Pleasanton plans to send to the U.S. EPA requests that the gasoline oxygenate requirements be dropped to allow for a more rapid phase-out of MTBE.

## Seery, Scott, Public Health, EH

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**From:** Steve Cusenza[SMTP:steve.cusenza@ci.pleasanton.ca.us]  
**Sent:** Thursday, October 21, 1999 3:54 PM  
**To:** 'Scott Seery'  
**Subject:** FW: WELL 7

Scott - initial response from DHS. Please call and we can discuss. thanks  
SSC

-----Original Message-----

**From:** DKIM1@HW1.cahwnet.gov [mailto:DKIM1@HW1.cahwnet.gov]  
**Sent:** Thursday, October 21, 1999 3:41 PM  
**To:** HWSMTP -STEVECUS  
**Subject:** RE: WELL 7

\*\*\* Reply to note of 10/21/99 09:20  
**FROM:** Daniel Kim  
California Department of Health Services  
2151 Berkeley Way, Rm 458 Berkeley, CA 94704  
**Subject:** RE: WELL 7

Steve, the Department does not have the legal authority to prevent the City of Pleasanton from returning Well 7 back into service. However, we believe the potential for spreading the contamination plume would likely increase if Well 7 were returned to service due to a corresponding increase in the flow of water through the affected aquifer. Therefore, we continue to strongly recommend the City of Pleasanton investigate alternate sites for a replacement well.

As you know, Well 7 has not been in service for more than 4 years and is no longer recognized as an approved source of supply. Consequently, if Well 7 is to be returned to service at its present location, the City of Pleasanton would be required to first complete a thorough assessment of this source following the protocol outlined in the Department's Source Water Assessment guidelines. The City of Pleasanton would also be required to apply for and receive a permit amendment at which time appropriate monitoring and operational provisions will be established by this office.

Also, please be aware that if in the future a contaminant is detected at more than ten times its maximum contaminant level, Well 7 would have to be removed from service. Let me know if you have any other questions regarding Well 7.

Daniel Kim

phone: (510) 540-2649  
FAX: (510) 540-2152  
e-mail: dkim1@hw1.cahwnet.gov

## Seery, Scott, Public Health, EH

**From:** Seery, Scott, Public Health, EH  
**Sent:** Thursday, September 16, 1999 10:34 AM  
**To:** Chuck Headlee; darin.l.rouse@exxon.com; jim@deltaenv.com; mkaten@zone7water.com; stephen.cusenza@ci.pleasanton.ca.us; telson@lsce.com  
**Cc:** Peacock, Tom, Public Health, EH; Levi, Ariu, Public Health, EH  
**Subject:** Summary of 9/15/99 meeting re: Exxon #7-3399, 2991 Hopyard Rd., Pleasanton

Gentlemen

Following is a summary of conclusions and action items that resulted from our meeting yesterday at Zone 7:

- 1) Jim (Delta) will be working with Mat (Zone 7) to interpret geology and produce draft cross-sections for the NE transect from the Exxon site towards Hop 7. Geophysical and boring logs for the Hop wells were (or will be) provided to Delta for this purpose.
- 2) Once x-sections are completed, well screen intervals for the sentinel wells will be contemplated and proposed by Delta with input from Zone 7. This information will be discussed, draft x-sections presented, and well placement finalized at the November follow-up meeting: A draft workplan with x-sections is to be submitted to participants in advance of the November meeting.
- 3) Jim will receive a CD-ROM from Dave (Zone 7) to aid Delta's modeller in forecasting GW flow in the 2nd - 4th (5th ?) water bearing zones.
- 4) Vapor wells VR-3 and -4 will be destroyed. Destruction is to be scheduled ASAP. Exxon/Delta will simply provide a letter indicating their plans for this task.
- 5) Define the extent of the contaminated "perched" zone (Zone 1). Push-tools (e.g., Geoprobe) will be used for this purpose. Once defined qualitatively, a number of short-screened, permanent wells will be proposed. A pump test will be performed in Zone 1 once wells are installed. An effort to remove impacted GW through continued pumping may also occur. A workplan proposing these tasks will be submitted by Delta to all parties.
- 6) Exxon/Delta will inspect the quality of the UST system construction at the site. UST cavity "observation" wells will be inspected and their viability for GW sampling assessed. Samples will be collected from these wells during the September sampling event if GW is present.
- 7) Exxon will have water samples collected from the on-site storm drain sumps. Samples will be analyzed for the range of compounds consistent with potential chemical inventories and waste streams of auto repair shops/retail fuel stations. This work is being done to see if such drains may be the source of impacted water discovered in Zone 1.
- 8) Steve (Pleasanton PW) will ferret out property ownership issues for suitable locations for the 2nd set of sentinel wells along the NE transect from the Exxon site.

Proposed dates for the November meeting are the 2nd, 3rd, and 4th. Please e-mail your preferences soon. Thanks all for your input on this project.

Scott

*Nov. 2<sup>nd</sup> @ 2:00 PM for meeting*



ALAMEDA COUNTY, DEPARTMENT OF  
**ENVIRONMENTAL HEALTH**  
 Hazardous Materials Inspection Form

II, III

white -env.health  
 yellow -facility  
 pink -files

Site ID # \_\_\_\_\_ Site Name Exxon Today's Date 8/3/89

**II.A BUSINESS PLANS (Title 19)**

- \_\_\_ 1. Immediate Reporting 2703
- \_\_\_ 2. Bus. Plan Stds. 25503(b)
- \_\_\_ 3. RR Cars > 30 days 25503.7
- \_\_\_ 4. Inventory Information 25504(a)
- \_\_\_ 5. Inventory Complete 2730
- \_\_\_ 6. Emergency Response 25504(b)
- \_\_\_ 7. Training 25504(c)
- \_\_\_ 8. Deficiency 25505(a)
- \_\_\_ 9. Modification 25505(b)

Site Address 2991 Hayward Rd

City Pleasanton Zip 94566 Phone \_\_\_\_\_

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

**Inspection Categories:**

- \_\_\_ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- \_\_\_ II. Business Plans, Acute Hazardous Materials
- \_\_\_ III. Underground Tanks

**II.B ACUTELY HAZ MATLS**

- \_\_\_ 10. Registration Form Filed 25533(a)
- \_\_\_ 11. Form Complete 25533(b)
- \_\_\_ 12. RMPP Contents 25534(c)
- \_\_\_ 13. Implement Sch. Req'd? (Y/N)
- \_\_\_ 14. OnSite Conseq. Assess. 25524(c)
- \_\_\_ 15. Probable Risk Assessment 25534(d)
- \_\_\_ 16. Persons Responsible 25534(g)
- \_\_\_ 17. Certification 25534(i)
- \_\_\_ 18. Exemption Request? (Y/N) 25536(b)
- \_\_\_ 19. Trade Secret Requested? 25538

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

**III. UNDERGROUND TANKS (Title 23)**

- General
- \_\_\_ 1. Permit Application 25284 (H&S)
  - \_\_\_ 2. Pipeline Leak Detection 25292 (H&S)
  - \_\_\_ 3. Records Maintenance 2712
  - \_\_\_ 4. Release Report 2651
  - \_\_\_ 5. Closure Plans 2670

**Comments:**

	DTW	TD
VR-2	37.19'	~30.08'
VR-3	8.19'	~30.10'
VR-4	8.69'	32.10'
VR-1	17.53'	~30.5'

- Monitoring for Existing Tanks
- \_\_\_ 6. Method
    - 1) Monthly Test
    - 2) Daily Vadose  
Semi-annual groundwater  
One time soils
    - 3) Daily Vadose  
One time soils  
Annual tank test
    - 4) Monthly Groundwater  
One time soils
    - 5) Daily Inventory  
Annual tank testing  
Cont pipe leak det  
Vadose/groundwater mon.
    - 6) Daily Inventory  
Annual tank testing  
Cont pipe leak det
    - 7) Weekly Tank Gauge  
Annual tank testing
    - 8) Annual Tank Testing  
Daily Inventory
    - 9) Other \_\_\_\_\_

- \_\_\_ 7. Pretest Tank Test 2643  
Date: \_\_\_\_\_
- \_\_\_ 8. Inventory Rec. 2644
- \_\_\_ 9. Soil Testing 2646
- \_\_\_ 10. Ground Water. 2647

- New Tanks
- \_\_\_ 11. Monitor Plan 2632
  - \_\_\_ 12. Access. Secure 2634
  - \_\_\_ 13. Plans Submit 2711  
Date: \_\_\_\_\_
  - \_\_\_ 14. As Built 2635  
Date: \_\_\_\_\_

① DTW for VR-2 and -3 are in disagreement although both are depicted as being screened in the same general zones. Explanations for this are: a) VR-3 screen interval is significantly longer than shown, with the upper vadose @ a shallow depth sufficient to intercept a "perched" zone; or b) VR-3's surface seal has been compromised and has allowed "perched" water to migrate to a depth where it can enter the deeper well screen.

② shallows "perched" water appears to have infiltrated this well, a vapor well with a long screen interval (~25') which begins @ a fairly shallow depth; however, total depth sounded for VR-4 is similar to that of the other 3 vapor wells, clearly in conflict with how it is depicted in X-sections

Contact: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Inspector: \_\_\_\_\_

Signature: \_\_\_\_\_

II, III

944  
 1-1-89

SAMPLE LETTER (2): LIST OF LANDOWNERS FORM

---

Name of local agency  
Street address  
City

SUBJECT: CERTIFIED LIST OF RECORD FEE TITLE OWNERS FOR (*Site Name and Address*)

(Note: Fill out item 1 if there are multiple site landowners. If you are the sole site landowner, skip item 1 and fill out item 2.)

1. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:
  
  
  
  
  
  
  
  
  
  
2. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that I am the sole landowner for the above site.

Sincerely,

Signature of primary responsible party

Name of primary responsible party

SAMPLE LETTER 3: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY

---

Name of local agency  
Street address  
City

SUBJECT: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY  
FOR *(Site Name and Address)*

In accordance with section 25297,15(a) of Chapter 6.7 of the Health & Safety Code, I, *(name of primary responsible party)*, certify that I have notified all responsible landowners of the enclosed proposed action. Check space for applicable proposed action(s):

- cleanup proposal (corrective action plan)
- site closure proposal
- local agency intention to make a determination that no further action is required
- local agency intention to issue a closure letter

Sincerely,

Signature of primary responsible party

Name of primary responsible party

cc: Names and addresses of all record fee title owners

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

May 7, 1999

STID 1672

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

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

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

Dear Ms. Guensler:

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

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

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

LANDOWNER NOTIFICATION  
Re: 2991 Hopyard Road, Pleasanton  
May 7, 1999  
Page 2 of 2

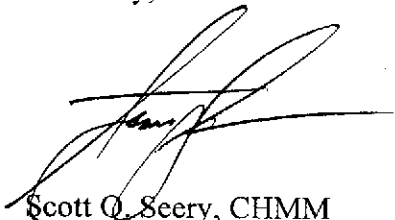
In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

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

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

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

Sincerely,



Scott Q. Seery, CHMM  
Hazardous Materials Specialist

Attachments

cc: Chuck Headlee, RWQCB  
Danielle Stefani, Livermore-Pleasanton Fire Department

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



March 11, 1999

STID 1672

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

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

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

Dear Ms. Guensler:

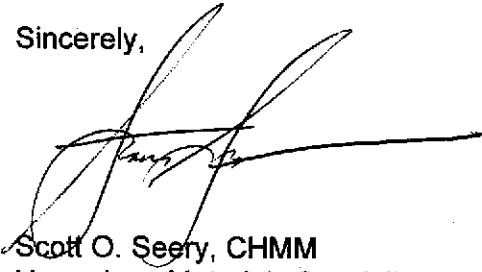
I have been attempting to contact you since March 1<sup>st</sup> to discuss issues associated with this case. Following are topics and concerns I would like to discuss with you:

- 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 (4<sup>th</sup> 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 3<sup>rd</sup> 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

Exxon  
2991 Hayward Rd  
Pleasanton

11/16/98

MEMO to file:

Merla Gaensler (Exxon) called me today to advise about recent (September) sampling Results. MCBE was detected in well MW-5D located across Valley Avenue from the site and screened in the ~100' zone. [REDACTED]

[REDACTED] Reportedly the well was resampled upon receipt of the original result with a "ND" lab result. The deep on-site well (MW-8) was also ND. The "hot" on-site well (MW-9) was in the low ppb range.

She indicated that the consultant has been directed to begin the fast work associated with reinstating the GW P+T system, checking on discharge permits and the like.

The report documenting these data is expected by Exxon next week.

SOS



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



DWL  
29-Sep 97.

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:

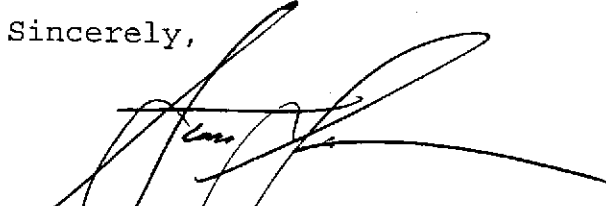
I have reviewed the August 27, 1997 Delta Environmental Consultants, Inc. ("Delta") request to reduce the sampling frequencies in wells MW-5D and MW-8 from the current quarterly schedule to an annual schedule. Costs for purge water transportation and disposal are cited as cause for this request.

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 FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
5997 PARKSIDE DRIVE • PLEASANTON, CALIFORNIA 94588 • (415) 484-2600

### TRANSMITTAL SLIP

TO: *Scott Sperry* DATE:

FROM: *David Lann* SUBJECT:

NOTE AND SEE ME	NOTE AND FILE
INVESTIGATE AND ADVISE	PER YOUR REQUEST
PREPARE FOR MY SIGNATURE	FOR YOUR INFORMATION
TAKE APPROPRIATE ACTION	FOR CIRCULATION

REMARKS:

*Thank You . We agree with  
Your finding .  
Let me know if the MTBE  
report is ~~David~~  
helpfull.   
David.*

ENVIRONMENTAL  
PROTECTION

97 OCT -6 AM 9:10



ENVIRONMENTAL  
PROTECTION  
27 AUG 28 PM 2: 52

3164 Gold Camp Drive  
Suite 200  
Rancho Cordova, CA 95670  
916/638-2085  
FAX: 916/638-8385

August 27, 1997

Mr. Scott Seery  
Alameda County Health Care Services  
1131 Harbor Bay Parkway  
Alameda, California 94502-5577

Subject: *Request for Sample Frequency*  
Exxon Service Station No. 7-3399  
2991 Hopyard Road  
Pleasanton, California  
Delta Project No. D094-836

Dear Mr. Seery:

Delta Environmental Consultants, Inc. (Delta), on behalf of Exxon Company, U.S.A. (Exxon), is submitting this letter to request a reduction in the sampling frequency of monitoring wells MW-5D and MW-8 at the above-referenced site (Figures 1 and 2).

Quarterly ground water sampling analytical results from monitoring wells MW-5D and MW-8 have reported nondetectable concentrations of petroleum hydrocarbon constituents for the last six quarterly sampling events. Attached is a copy of the table from Delta's *Quarterly Ground Water Monitoring Report, Second Quarter 1997*, dated July 3, 1997, showing only the results for MW-5D and MW-8. It is requested that the sampling frequency for monitoring wells MW-5D and MW-8 be reduced from quarterly to annually. In reducing the sampling frequency, a reduction in purge water generated from the sampling activities will allow for a positive cost savings for transportation and disposal cost. It is proposed that the wells be sampled every May of each year.

If you have any questions concerning this project, please contact me at (916) 638-2085.

Sincerely,

**DELTA ENVIRONMENTAL CONSULTANTS, INC.**

A handwritten signature in black ink, appearing to read "C. Keoni Almeida".

Charles Keoni Almeida  
Project Manager

(CL007.836)  
Enclosure

cc: Ms. Marla D. Guensler, Exxon Company, U.S.A.

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

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

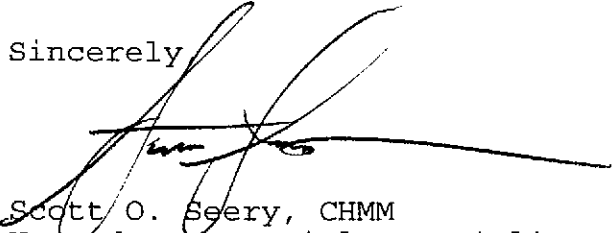
Dear Ms. Guensler:

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



March 4, 1997

STID 1672

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

ENVIRONMENTAL HEALTH SERVICES

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

RE: EXXON 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  
*David Luma* ~~Jerry Killingstad, Zone 7~~  
Keoni Almeida, Delta Environmental Consultants, Inc.

# EXXON COMPANY, U.S.A.

MARKETING DEPARTMENT  
P. O. BOX 4032 • CONCORD, CALIFORNIA 94520-2032

ENVIRONMENTAL ENGINEERING

R. D. HICKS  
SENIOR MARKETING ENGINEER  
(510) 246-8768  
(510) 246-8798 FAX

November 27, 1996

Mr. Scott Seery  
Alameda County Environmental Health Department  
1131 Harbor Bay Parkway  
Alameda, California 94501-6577

**RE: Request to Implement Remedial Action Plan  
Exxon RAS #7-3399/2911 Hopyard Road, Pleasanton, CA**

Dear Mr. Seery:

Exxon Company, U.S.A. (Exxon) has authorized Delta Environmental Consultants, Inc. (Delta), to implement remedial actions addressing petroleum hydrocarbons in soil and groundwater at Exxon Service Station No. 7-3399, located at 2991 Hopyard Road, Pleasanton, California. This letter is being prepared to request your approval of the proposed remediation work included in the *Problem Assessment Report/Remedial Action Plan* dated May 30, 1996.

A decision has not been made on the subject of the supply well discussed during our November 13, 1996, meeting with the city of Pleasanton, Exxon, Alameda County Environmental Health Department and Delta, however, Exxon wishes at this time to move forward with the proposed remedial actions. As time will be required to come to a decision regarding the supply well Exxon does not wish to delay the proposed remedial actions. Although you have mentioned the possibility of reducing the requirements for remediation at the site in the event that the supply well is moved to another location, Exxon has come to the conclusion that they would want to implement the proposed remedial actions whether the supply well is moved or not. An approval in writing from Alameda County of the proposed remedial actions would be appreciated at your earliest convenience. If no response is received within 30 days, Exxon will begin implementation of the proposed remedial actions.

If you have any questions, please contact me at (510) 246-8768 or Mr. C. Keoni Almeida at (916) 638-2085.

Sincerely,



R. D. Hicks  
Senior Marketing Engineer

RDH/tjm

cc: Mr. R. R. Palmer - Exxon  
Mr. Sum Arigalia - San Francisco Bay RWQCB  
Mr. David Lunn - Zone 7 Water Agency  
Mr. Steve Cusenza - City of Pleasanton Public Works Dept.  
Mr. C. Keoni Almeida - Delta



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

5997 PARKSIDE DRIVE

PLEASANTON, CALIFORNIA 94588-5127

PHONE (510) 484-2600 FAX (510) 462-3914

March 21, 1996

Mr. Scott Seery  
Department of Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577

Dear Mr. Seery:

Thank you for your letter of 14 March 1996 regarding the increase in dissolved fuel component concentrations in groundwater at 2991 Hopyard Road in Pleasanton.

Please be advised that Mr. Jerry Killingstad of Zone 7 retired on 3 November 1995. Mr. David Lunn of Zone 7 has assumed this portion of Mr. Killingstad's former responsibilities and future correspondence should be directed to Mr. Lunn.

If you have any questions, please contact me at extension 240.

Very truly yours,

Craig A. Mayfield  
Water Resources Engineer III

CM:ab

cc: David Lunn





3164 Gold Camp Drive, Suite 200  
 Rancho Cordova, California 95670  
 Phone: (916) 638-2085  
 Fax: (916) 638-8385

## FAX TRANSMITTAL FORM

DATE: May 21, 1996

RECIPIENT: Scott Seery  
cc: Marla Guensler (Exxon, U.S.A.)

COMPANY: Alameda County Health Care  
Services

RECIPIENT FAX NO: 510/337-9335

SENDER: Keoni Almeida

NO. OF PAGES TO FOLLOW: 0

SUBJECT: Exxon Station No. 7-3399, 2991  
Hopyard Road, Pleasanton,  
California

DELTA PROJECT NO: \_\_\_\_\_

MESSAGE: \_\_\_\_\_

Delta Environmental Consultants, Inc. is submitting this facsimile to confirm the extension date of May 30, 1996, for submitting the requested Problem Assessment Report for the above-referenced site per our conversation on May 15, 1996. Please feel free to contact me at (916)638-2085 if you have any questions regarding this project.

Sincerely,

Charles Keoni Almeida  
 Project Manager

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ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, DIRECTOR

March 14, 1996

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

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



A RESNA Company

**RESNA**

Environmental Solutions  
Through Applied Science,  
Engineering & Construction

42501 Albrae Street, Suite 100  
Fremont, CA 94538  
Phone: (415) 651-1906  
Fax: (415) 651-8647

August 23, 1991  
AGS 18034-9.081

Mr. Bill Wang  
Exxon Company, U.S.A.  
P.O. Box 4032  
Concord, California 94520

**Subject:** Letter from City of Pleasanton to the California Regional Water Quality Control Board regarding Exxon Station No. 7-3399 at 2991 Hopyard Road, Pleasanton, California.

Mr. Wang:

You have requested that Applied GeoSystems (AGS) provide a response to the City of Pleasanton's (City) letter on Exxon Station No. 7-3399, dated July 25, 1991. In that letter, the City expressed concern that; 1) ground-water monitoring has ceased because monitoring wells are not deep enough to reach the lowered water table; 2) with declining water levels, MW-8 or other wells are not sufficient to track hydrocarbons in the ground water; and 3) with increased pumping from municipal wells, southward movement of water may be altered and contamination may be pulled into the well zone. The City also requested an assessment of the extent of the plume and assurance that the hydrocarbon migration from the release will not endanger the City's water supply during the present high pumping period, which began on April 9, 1991.

To respond to these concerns, AGS offers the following comments.

1. Exxon Company, U.S.A. (Exxon) has not ceased ground-water monitoring at the site. Some wells have not been sampled during quarterly monitoring events in the last year because the uppermost aquifer has been nearly depleted and not enough water is in the wells to purge and collect a representative sample. The wells were installed through the entire upper aquifer and, therefore, are deep enough to monitor that zone if water were present. Wells MW-5d and MW-8 are installed in deeper zones and sufficient water for sampling has been present in these zones since AGS installed the wells.

2. The declining water levels as measured in wells have resulted in a substantial loss of water in the uppermost aquifer, and some wells in this zone have been dry or nearly dry. The lower zone wells, as indicated above, have not been dry.

The wells that have been installed include MW-5d, MW-5s, which are offsite to the northwest of the station, onsite wells MW-1, MW-4, and MW-7 through MW-10, and offsite well MW-11, which is southeast of the station. Available laboratory data from these wells are sufficient to track hydrocarbon concentrations in the ground water. Results of analyses of water samples from wells MW-5d, MW-5s, MW-1, MW-4, and MW-10 have shown no detectable hydrocarbons for several monitoring episodes through 1990 and 1991. No change is expected in view of Exxon's remediation efforts at the site. The trace concentrations of total xylenes in water from MW-8 are unlikely to be related to hydrocarbons found in the shallow wells because of the thick section of clay and silt underlying the uppermost aquifer. Detectable hydrocarbons were found in MW-11 in July 1990, and in MW-7 and MW-9 in June 1991. The concentrations, however, are very low and are well below listed drinking water standards.

3. Water-level measurements do not suggest that during the lowering of the water level in the uppermost aquifer the direction of ground water flow has been altered. Ground-water elevations on June 20, 1991, varied anomalously in wells monitoring the uppermost aquifer, however, the elevation of water in offsite well MW-5s was higher than in onsite wells MW-1, MW-4, MW-7, and MW-10, suggesting ground-water flow away from City of Pleasanton Well No. 7. Previous measurements have shown the same trend for the past 2 years.

As described previously, the results of monitoring indicate very low concentrations of hydrocarbons occur in the vicinity of MW-9, MW-7, and MW-11, which are in the central and southeastern portions of the site. No detectable hydrocarbons occur beneath the northwestern portion and northwest of the site, and beneath the southwestern portion of the site.

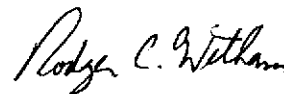
Exxon's active remediation efforts to control migration of hydrocarbons have been ongoing since 1988. Between July 1988 and June 1990, approximately 7 million gallons of water were extracted from the uppermost aquifer. Ground-water extraction was stopped because of the declining water level. The effect of the lowering water level in the uppermost aquifer has been the filtering and exposure of hydrocarbon vapors in the unsaturated sand and gravel sediments. The vapors are then subject to withdrawal from the subsurface during a vapor extraction process. Exxon authorized the installation of a vapor extraction system, which began extracting vapors from six wells in December 1990. Between December 1990

and June 1991, influent concentrations of hydrocarbons have been approximately 1 part per million or less.

The effectiveness of the vapor-extraction system may be shown by the dramatic decline in the concentrations of hydrocarbons in MW-9. Dissolved concentrations of total petroleum hydrocarbons as gasoline (TPHg) between October 1989 and May 1990 ranged from 77,000 to 190,000 ppb. Free product was temporarily encountered in the well in November 1989 and in June 1990. Well MW-9 is connected to the vapor-extraction system and vapors were extracted periodically between December 1990 and July 1991. Laboratory results of water samples collected on June 20, 1991, showed no detectable benzene, toluene, ethylbenzene, and total xylenes, and 430 ppb TPHg. The results of ground-water monitoring from MW-9 and other monitoring wells, and the decline of influent vapor concentrations to less than 1 part per million suggest a significant reduction in both the hydrocarbons beneath the site and the potential for migration.

Please call if you have any questions.

Sincerely,  
Applied GeoSystems



Rodger C. Witham  
Project Manager



# CITY OF PLEASANTON

P.O. BOX 520 • PLEASANTON, CALIFORNIA 94566-0802

June 19, 1990

CITY OFFICES  
123 MAIN STREET

CITY COUNCIL  
484-8001

CITY MANAGER  
484-8008

CITY ATTORNEY  
484-8003

FINANCE  
484-8033

PERSONNEL  
484-8012

CITY OFFICES  
200 OLD BERNAL AVE.

PLANNING  
484-8023

ENGINEERING  
484-8041

BUILDING INSPECTION  
484-8015

COMMUNITY SERVICES  
484-8160

WATER - BILLING  
484-8038

FIELD SERVICES  
5335 SUNOL BLVD.

PARKS  
484-8056

SANITARY SEWER  
484-8061

STREET  
484-8066

WATER  
484-8071

FIRE  
4444 RAILROAD AVE.  
484-8114

POLICE  
4833 BERNAL AVE.  
P.O. BOX 909  
484-8127

Mr. Gary Gibson  
Exxon Company, USA  
P.O. Box 4032  
Concord, Calif 94524-2032

Dear Gary:

In response to your letter of June 7, 1990, I have reviewed the work and construction plan for the proposed soil treatment system for Exxon RAS 7-3399 at 2991 Hopyard Rd, Pleasanton. After consulting with Spenser Reitter of Chempro, I have been supplied with all of the necessary information needed to answer the questions and concerns I had with the system. To state for the record, the following items are covered that were of concern to the Fire Dept:

1. The Catalytic Oxidation system is protected from flashbacks by the installation of a Selas Automatic Firecheck, Model AFSE-A, Factory Mutual Approved flashback valve.
2. The system will automatically shut down if the LEL exceeds 25 % .
3. The system will automatically shut down if the temperature exceeds 1050 deg F.
4. All wiring in and around the unit will need to comply with the opinion of Mr. Owen Dillion, P.E., from his letter to Hasstech, Inc, dated Jan 29, 1990.

You may proceed with the permit application process with the Building and Planning Depts.

I will verify that the system is working as proposed by on site inspection when it is installed.

Sincerely,

Rick Mueller  
Chemical Specialist  
City of Pleasanton Fire Dept

cc: Spenser Reitter, Chempro, Berkeley

# EXXON COMPANY, U.S.A.

POST OFFICE BOX 4032 • CONCORD, CA. 94524-2032 • (415) 246-8700

MARKETING DEPARTMENT

ENVIRONMENTAL ENGINEERING

G. D. GIBSON

SENIOR ENVIRONMENTAL ENGINEER

June 7, 1990

Exxon RAS 7-3399  
2991 Hopyard Road  
Pleasanton, California

Mr. Rick Mueller  
City of Pleasanton Fire Department  
4444 Railroad Street  
Pleasanton, California 94566-0802

Dear Mr. Mueller:

Attached for your review is the work plan and construction plans for the proposed soil treatment system to be installed at the above referenced Exxon Company, U.S.A. facility in the City of Pleasanton. These plans have been reviewed and approved by Exxon.

Please contact me at (415) 246-8768 if you have any questions or concerns about the work plan or construction plans. Thank you.

Sincerely



Gary D. Gibson

GDG:vv

1196E

Attachments

c - w/o attachments:

Mr. P. J. Brininstool

Mr. L. Feldman - San Francisco Bay Regional Water Quality Control Board

Mr. J. R. Hastings

Mr. J. K. Hunter

Mr. L. W. Lindeen

Mr. M. Thomson - Alameda County District Attorney's Office

Mr. D. C. Tight - Chemical Processors, Inc.

Mr. R. C. Witham - Applied GeoSystems



# EXXON COMPANY, U.S.A.

POST OFFICE BOX 4032 • CONCORD, CA. 94524-2032 • (415) 246-8700

MARKETING DEPARTMENT

ENVIRONMENTAL ENGINEERING

G. D. GIBSON

SENIOR ENVIRONMENTAL ENGINEER

June 4, 1990

Exxon RAS 7-3399

2991 Hopyard Road

Pleasanton, California

Mr. Alex Saschin  
Bay Area Air Quality Management District  
939 Ellis Street  
San Francisco, California 94109

Dear Mr. Saschin:

This letter is to request modification of the Authority to Construct and Permit to Operate No. 2821 for a soil and vapor extraction system at the above referenced Exxon Company, U.S.A. facility in the City of Pleasanton. Enclosed are the following documents:

BAAQMD application	Authority to Construct and Permit to Operate Industrial Sources
BAAQMD Form A	Abatement Device
BAAQMD Form G	General Air Pollution Source
Baaqmd Form P-201	Plant Data
Check for \$360.00	Filing Fee (\$150) + Initial Fee (\$105) + One Toxic (\$105)
Figure 1	USGS Topographical Map of Site
Figure 2	Process Flow Diagram
Table 1	Soil Sampling Data
Table 2	Vapor Sampling Data
Calculations	Emission Rates Calculations

This application was prepared by Chemical Processors, Inc. (Chempro); please feel free to contact me at (415) 246-8768 or Ms. Carol Bach of Chempro at (415) 524-9372 if you have any questions.

Sincerely,  
  
Gary D. Gibson

GDG:vv  
1183E

c - Mr. P. J. Brininstool  
Mr. J. K. Hunter  
Ms. C. Bach - Chemical Processors, Inc.  
Mr. L. Feldman - San Francisco Bay Region Water Quality Control Board  
Mr. R. Mueller - City of Pleasanton Fire Department  
Mr. M. Thomson - Alameda County District Attorney's Office  
Mr. R. C. Witham - Applied GeoSystems

Mr. J. R. Hastings  
Mr. L. W. Lindeen

**EXXON** COMPANY

P.O. BOX 4415-HOUSTON, TEXAS 77210-4415

MARKETING DEPARTMENT  
REAL ESTATE & ENGINEERING  
ENVIRONMENTAL ENGINEERING

J. KEVIN HUNTER  
MARKETING ENGINEER

April 5, 1990

Exxon R/S#: 7-3399  
2991 Hopyard Road  
Pleasanton, California

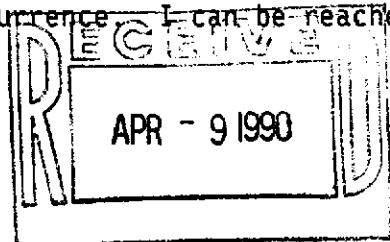
Mr. Lester Feldman  
San Francisco Bay RWQCB  
1800 Harrison, Suite 700  
Oakland, California 94612

Dear Mr. Feldman:

In compliance with Cleanup and Abatement Order No. 89-132, attached is a report summarizing the activities undertaken to evaluate and abate the the impact of hydrocarbons on the soil and groundwater at the referenced site. Also attached is a corrective action plan which proposes remedial measures supplementing those previously implemented at this site. Included with this plan are schedules for implementation of the plan and for monitoring site conditions while remediation efforts continue.

The corrective action plan proposes expansion of the vapor and groundwater extraction systems which currently exist at the site. We plan to install a groundwater pump in MW-9 to speed remediation of groundwater. While RW-7 appears to hydraulically influence MW-9, the high levels of hydrocarbons in the water at MW-9 necessitate a more aggressive approach. In addition to expanding groundwater recovery, we feel it is particularly important to extract vapors from the screened interval in MW-9 while the groundwater level is low and most of the aquifer is unsaturated. This will limit the future dissolution of hydrocarbons into the groundwater as its level increases. We will also extract vapors from the other vadose wells to remediate the vadose zone above the aquifer.

We would like to proceed with these plans as soon as possible because of the time required for permitting and constructing the proposed alterations of our remediation systems. Your prompt review of this report and our action plan is appreciated. We will proceed immediately once we have received your concurrence. I can be reached at (713) 656-7755 if you have any questions.



Sincerely,

*J. K. Hunter*

JKH:sg  
5746D/p.9  
Attachments

c - w/attachments:

Mr. S. S. Cusenza - City of Pleasanton  
Mr. J. Killingstad - Alameda County Flood Control, Zone 7  
Mr. R. Mueller - Pleasanton Fire Department

w/o attachments:

Mr. G. D. Gibson  
Mr. J. R. Hastings  
Mr. L. W. Lindeen  
Mr. R. Shahid - Alameda County HMMP  
Mr. R. C. Witham - Applied GeoSystems

# EXXON COMPANY, U.S.A.

P.O. BOX 4415-HOUSTON, TEXAS 77210-4415

MARKETING DEPARTMENT  
REAL ESTATE & ENGINEERING  
ENVIRONMENTAL ENGINEERING

J. KEVIN HUNTER  
MARKETING ENGINEER

December 8, 1989

Mr. R. R. Zielinski  
Texaco, USA  
100 Cutting Boulevard  
Richmond, California 94804

Dear Mr. Zielinski:

As we discussed on the phone, attached is a letter from the San Francisco Bay Regional Water Quality Control Board (RWQCB) requesting information regarding remediations plans at sites in its jurisdiction. Three of the sites on the list are investigations which Texaco is responsible for per the exchange agreement between Texaco and Exxon effective October 31, 1989. These are 23990 Hesperian Boulevard, Hayward, California, 2225 Telegraph Avenue, Oakland, California, and 500 Grand Avenue, Oakland, California.

Please respond to the RWQCB with the status and plans of the investigations at the three sites you are working. Based on our discussion and your quarterly reports it appears that remediation plans have been submitted for approval, or are being prepared at this time, for all these sites. Also, please continue sending me copies of your quarterly reports on the sites you are working.

Thank you for your cooperation in this matter.

Sincerely,



JKH:sg  
6993D/p.3  
Attachment  
OVERNIGHT MAIL

c - w/o attachment:

Mr. J. R. Hastings  
Mr. L. W. Lindeen  
Mr. S. R. Ritchie - San Francisco Bay RWQCB  
Mr. M. Thomson - Alameda County Office of the District Attorney  
Mr. R. Shahid - Alameda County HMMP  
Ms. J. Duerig - Alameda County Water District  
Ms. J. Larson - Hayward Fire Department  
Mr. R. Mueller - Pleasanton Fire Department  
Mr. K. Slamon - Fremont Fire Department

# EXXON COMPANY, U.S.A.

P.O. BOX 4415-HOUSTON, TEXAS 77210-4415

MARKETING DEPARTMENT  
REAL ESTATE & ENGINEERING  
ENVIRONMENTAL ENGINEERING

J. KEVIN HUNTER  
MARKETING ENGINEER

December 8, 1989

Exxon R/S#: 7-3399  
2991 Hopyard Road  
Pleasanton, California

Mr. Lester Feldman  
San Francisco Bay RWQCB  
1800 Harrison, Suite 700  
Oakland, California 94612

Dear Mr. Feldman:

Per our phone conversation of yesterday, attached is a progress report on recent activities at the referenced site in Pleasanton.

As discussed yesterday, and in our November 15 meeting in Oakland, four new monitoring wells and three vadose wells have been installed. One additional soil boring drilled southeast of the site was intended to be a monitoring well in the second aquifer but was grouted to surface when it was determined that the aquifer pinched out at that point. The well drilled into the third aquifer, MW-8, encountered over forty feet of clay beneath the second aquifer and above the third aquifer. Hydrocarbons were encountered in the soil in MW-9 in the center of the site near where the lines to the former dispenser island were located. One inch of free product was found in this well after it was initially sampled and was recovered. We will continue to closely monitor it closely. Three vadose wells were installed in the vicinity of MW-9 which may be used for venting if necessary. Low level dissolved hydrocarbons were also encountered in MW-11 southeast of the site. As discussed, a decision regarding the need for additional wells will be deferred until more monitoring data is available.

As far as upcoming work is concerned, a soil venting test is planned to determine the influence of venting in the vicinity of MW-9. Also, two additional monitoring wells are planned for the adjacent property to the south and east of this site pending access approval by its owner and its lessee. An agreement has been drafted and forwarded for approval.

Mr. Feldman

-2-

December 8, 1989

Please contact me at (713) 656-7755 if you have any questions about the activity at this site.

Sincerely,



JKH:sg  
5746D/p.5  
Attachments

c - w/attachments:

Mr. S. S. Cusenza - City of Pleasanton  
Mr. J. Killingstad - Alameda County Flood Control, Zone 7  
Mr. R. Mueller - Pleasanton Fire Department

w/o attachments:

Mr. J. R. Hastings  
Mr. L. W. Lindeen  
Mr. R. Shahid - Alameda County HMMP  
Mr. M. Thomson - Alameda County Office of the District Attorney  
Mr. R. C. Witham - Applied GeoSystems

**EXXON** COMPANY, U.S.A.

P.O. BOX 4386 - HOUSTON, TX 77210-4386  
CONSTRUCTION & MAINTENANCE CENTER

A.S. POOL  
UNDERGROUND TANK ADMINISTRATOR

NOVEMBER 28, 1989

RICK MUELLER

CHEMICAL SPECIALIST

P.O. BOX 520

PLEASANTON, CA. 94566-0802

Gentlemen:

Please be advised that Exxon's gas service stations' underground storage tanks in your area were precision tested in accordance with your regulations. Attached are copies of the test results.

If you should have any questions, contact me at 1-800-992-3647 extension 5161.

Sincerely,



ASP:fgl  
Attachment  
5761X

LOCATIONS:  
7-3399  
7-3567  
7-7003

1 LOCATION: 2711 Hayward Pleasanton CA 94566 Telephone No. 10-22-89

2 OWNER: Esso Name Esso Address Hayward Pleasanton CA Representative Esso Position Esso Telephone No.

3 OPERATOR: Esso Name Esso Address (if different than location) Hayward Pleasanton CA Telephone No.

4 REASON FOR TEST: Recheck of product line tightness

5 TEST REQUESTED BY: Esso Name Esso Address Hayward Pleasanton CA Telephone No.

6 SPECIAL INSTRUCTIONS: Test all product lines

7 CONTRACTOR OR COMPANY MAKING TEST MECHANIC(S) NAME: Smith Company

8 IS A TANK TEST TO BE MADE WITH THIS LINE TEST?  YES  NO

9 MAKE AND TYPE OF PUMP OR DISPENSER: Red Jacket sub-pumps

10 WEATHER: Warm TEMPERATURE IN TANKS: 62° °C COVER OVER LINES: Concrete APPROXIMATE BURIAL DEPTH: 2'

11 IDENTIFY EACH LINE AS TESTED	12 TIME (MILITARY)	13 LOG OF TEST PROCEDURES, AMBIENT TEMPERATURE, WEATHER, ETC.	14 PRESSURE (PSI OR LPS)		15 VOLUME - READING		16 TEST RESULTS CONCLUSIONS, REPAIRS AND COMMENTS
			BEFORE	AFTER	BEFORE	AFTER	
					NET CHANGE		
	8:00	Regular		45	.0230		Bleedback +.048
	8:15		40		.0290	.0940	-.0050
	8:30		41		.0240	.0205	-.0035
	8:45		43		.0205	.0180	-.0025
	9:00		43		.0180	.0155	-.0025
	9:15		44		.0155	.0145	-.0010
	9:30	Supreme UNL.		45	.0330		
	9:45		42		.0330	.0300	-.0030
	10:00		43		.0300	.0280	-.0020
	10:15		43		.0280	.0265	-.0015
	10:30		45		.0265	.0265	-.0000
	10:45	Unleaded		45	.0360		
	11:00		40		.0360	.0310	-.0050
	11:15		40		.0310	.0265	-.0045
	11:30		43		.0265	.0245	-.0020
	11:45		43		.0245	.0225	-.0020
	12:00		45		.0225	.0225	-.0000

= 0095 G.P.H.

= 0065 G.P.H.

= 0085 G.P.H.





377 MAIN ST / W. ANGELA ST PERANTON CA 415-946-5517

1 OWNER: L

2 OPERATOR: Barry Moberley DEALER

4 REASON FOR TEST: CERTIFICATION AFTER EARTHQUAKE

5 TEST REQUESTED BY: Exxon Maintenance

7 CONTRACTOR OR COMPANY MAKING TEST: PETROLEUM ENGINEERING MECHANIC(S) NAME: LOUIS COCHRAN

8 MAKE AND TYPE OF PUMP OR DISPENSERS: GILBARCO DISPENSERS

9 IS A TANK TEST TO BE MADE WITH THIS LINE TEST?  YES  NO

10 WEATHER: CLEAR TEMPERATURE IN TANKS: 7 °C COVER OVER LINES: CONCRETE + BARGE APPROXIMATE DEPTH: 16"

11 IDENTIFY EACH LINE AS TESTED	12 TIME (MILITARY)	13 LOG OF TEST PROCEDURES, AMBIENT TEMPERATURE, WEATHER, ETC.	14 PRESSURE IN OR LPS		15 VOLUME		16 TEST RESULTS	
			BEFORE	AFTER	BEFORE	AFTER		READING
SUPER	1230	SET UP TEST EQUIPMENT					UNDER CURRENT NFPA STANDARDS THESE LINES A	
"	1250	PRESSURIZE LINE		60				
"	1255	ESTABLISH TEST PRESSURE		50			#1 SUPER LINE IS TIGHT +1,000 GPH AIR VAPOR POCKETS WITHIN ACC STD +0.0246 12000 GAL TANK	
REGULAR	1256	SET UP TEST EQUIPMENT						
"	1309	PRESSURIZE LINE		60			#2 REGULAR LINE IS TIGHT -1,0055 G.P.H. AIR VAPOR POCKETS AR WITHIN ACC STD +0.0286 10,000 GAL TANK	
"	1309	ESTABLISH TEST PRESSURE		50				
SUPER	1310	START LINE TEST	50	50	.033	.033	+1,000	#3 UNLEADED LINE IS TIGHT -1,004 G.P.H. AIR VAPOR POCKETS AR WITHIN ACC. STA +.027 G. 10,000 GAL TANK
UNLEADED	1311	SET UP TEST EQUIPMENT						
SUPER	1325	LINE TEST CONTINUED	50	50	.033	.033	+1,000	TIGHTENED SEBP AT ERV CONTR ARM
REGULAR	1330	START LINE TEST	50	50	.033	.033	+1,000	
UNLEADED	1331	PRESSURIZE LINE		60				
"	1335	ESTABLISH TEST LEVELS		50		.091		
SUPER	1340	LINE TEST CONTINUED	50	50	.091	.091	+1,000	
REGULAR	1345	" " "	45	50	.091	.079	-1,002	
UNLEAD	1350	START LINE TEST	44	50	.079	.075	-1,004	
SUPER	1355	" " "	50	50	.075	.075	+1,000	
"	1356	BLEED OFF TEST	50	0	.075	.099	+0.024	
REGULAR	1400	LINE TEST CONTINUED	45	50	.099	.098	-1,007	
UNLEADED	1405	" " "	45	50	.097	.094	-1,003	
REGULAR	1415	" " "	48	50	.094	.093	-1,001	
UNLEADED	1420	" " "	47	50	.093	.091	-1,002	
REGULAR	1430	" " "	49	50	.091	.0905	-1,005	
"	1432	BLEED OFF TEST	50	0	.103	.101	+0.028	
UNLEAD	1435	LINE TEST CONTINUED	48	50	.091	.090	-1,001	
"	1450	" " "	49	50	.090	.089	-1,001	
"	1505	" " "	50	50	.039	.039	+1,000	
"	1506	BLEED OFF TEST	50	0	.039	.066	+0.027	

**EXXON COMPANY, U.S.A.**  
P.O. BOX 4415-HOUSTON, TEXAS 77210-4415

MARKETING DEPARTMENT  
REAL ESTATE & ENGINEERING  
ENVIRONMENTAL ENGINEERING

J. KEVIN HUNTER  
MARKETING ENGINEER

September 5, 1989

Exxon R/S#: 7-3399  
2991 Hopyard Road  
Pleasanton, California

Mr. Steven R. Ritchie  
California Water Quality Control Board  
San Francisco Bay Region  
1111 Jackson Street, Room 6040  
Oakland, California 94607

Dear Mr. Ritchie:

Attached are two reports which document groundwater monitoring completed at the referenced site since August of 1988 and in response to the recent start up of Municipal Well No. 7. They also outline mitigation efforts underway to remediate the soil and groundwater beneath the site.

Mitigation efforts to date include the pumping of groundwater from RW-7 which began on July 15, 1988 (Applied Geosystems 8/17/88 report), excavation of the former tank hole to a maximum depth of 39 feet (Applied Geosystems 8/22/88 report), and soil venting from the area of the former tank hole which began on July 28, 1989. A more detailed discussion of the groundwater recovery and soil venting efforts is being prepared and will be forwarded. These mitigation efforts have reduced hydrocarbon levels in the groundwater to below drinking water standards in all monitoring wells at this site. Only groundwater recovery well RW-7 has hydrocarbon levels above action levels. The August 2, 1989, sample from RW-7 had 0.0016 ppm benzene.

Two samples taken from Municipal Well 7 after pumping began were analyzed by method 502.2 which is the analysis run by the City of Pleasanton for monitoring drinking water quality. Samples from on-site well MW-4 were also analyzed by this method for comparison. Samples from both wells were non-detectable for all 58 compounds evaluated by this method.

Groundwater gradient plots indicate that groundwater has moved primarily to the southeast for the past year, away from Municipal Well 7 which is north of the site. This combined with the facts that hydrocarbon levels on site are generally below action levels and that no hydrocarbons have appeared in Municipal Well 7 after pumping approximately 48 million gallons from its aquifer, appear to indicate that mitigation efforts have significantly reduced the risk of hydrocarbons reaching Municipal Well 7.

We will continue to monitor the on-site wells on at least a monthly basis and sample them on at least a quarterly basis as well as continue groundwater removal and soil venting.

Please have your staff call me at (713) 656-7755 if you have any questions or comments about this information.

Sincerely,



JKH:sg  
5746D  
Attachment  
Overnight

c - w/attachment:

Mr. S. S. Cusenza - City of Pleasanton  
P.O. Box 520  
Pleasanton, California 94566-0802

Mr. J. Killingstad - Alameda County Flood Control, Zone 7  
5997 Parkside Drive  
Pleasanton, California 94566

Mr. R. Mueller - Pleasanton Fire Department  
4444 Railroad Street  
Pleasanton, California 94566

w/o attachment:

Mr. J. R. Hastings  
Mr. L. W. Lindeen  
Mr. R. Shahid - Alameda County HMMP  
Mr. R. Swanson - Dublin San Ramon Services District  
Mr. M. Thomson - Alameda County Office of the District Attorney  
Mr. R. C. Witham - Applied GeoSystems

## CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SAN FRANCISCO BAY REGION

1111 JACKSON STREET, ROOM 6040

OAKLAND 94607

Phone: Area Code 415  
464-1255Certified Mail No. 664388475  
Return Receipt RequestedAugust 15, 1989  
UGT File (DCW)Mr. Kevin Hunter  
Exxon USA Co.  
P.O. Box 4415  
Houston, Texas 77210

Subject: Exxon Service Station, 2991 Hopyard Road, Pleasanton

Dear Mr. Hunter:

As you are aware, groundwater at the above referenced site has been impacted by fuel constituents. This site is located near three of the City of Pleasanton's municipal water supply wells. The closest well, cw-7, is approximately 300 feet from the pollution plume.

Since the discovery of the release, in April 1988, Exxon has made limited progress towards cleaning up this site. Free product found floating on the water table appears to have been removed, and some remediation of contaminated soil and groundwater has taken place. However, due to the close proximity of the groundwater pollution plume to critical water supply wells, the lack of some specific actions by Exxon in abating this pollution, and the need of the City to commence operation of these wells, the Regional Board believes that this project should be put under a formal time schedule.

Attached is a copy of Cleanup and Abatement Order No.89-132. This Order specifies tasks and a time schedule that Exxon USA Co. shall follow in order to cleanup and abate the effects of the discharge and monitor water quality in order to insure protection of the City of Pleasanton's water supply.

If you have any questions or comments please feel free to contact Dyan C. Whyte at 415-464-1331 or Lester Feldman at 415-464-1332.

Sincerely,

Steven R. Ritchie  
Executive Officer

cc: attached mailing list

MAILING LIST

Ken Mercer  
2644 Starling Court  
Pleasanton, CA 94566

Pete Snyder  
11497 Silvergate Dr.  
Dublin, CA 94568

Mark Thomson  
Consumers and Environmental Protection  
Alameda County Office of the District Attorney  
24405 Amador St.  
Hayward, CA 94546

Bob Swanson  
Dublin San Ramon Services District  
7399 Johnson Dr.  
Pleasanton, CA 94566

Jerry Taylor  
City of Pleasanton Water Laboratory  
P.O. Box 520  
Pleasanton, CA 94566-0820

Jerry Killingstad  
Alameda County Flood Control and Water Conservation  
District, Zone 7  
5997 Parkside Dr.  
Pleasanton, CA 94566

Roger Witham  
Applied Geosystems  
43225 Mission Blvd.  
Fremont, CA 94539

Rafat Shahid  
Alameda County Hazardous Materials  
Management Program  
80 Swan Way, Room 200  
Oakland, CA 94621

Rick Mueller  
City of Pleasanton Fire Department  
4444 Railroad St.  
Pleasanton, CA 94566

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

CLEANUP AND ABATEMENT ORDER NO. 89-132

EXXON CO. USA, 2991 HOPYARD RD., PLEASANTON, ALAMDEA COUNTY

The California Regional Water Quality Control, San Francisco Bay Region (hereinafter called the Board), finds that:

1. Exxon Co. USA (hereinafter the discharger) owns and operates a gasoline station at 2991 Hopyard Road, corner of Valley Road, in Pleasanton, California.
2. In a report dated April 22, 1988 the discharger reported that in March of 1988 approximately 639 gallons of regular leaded gasoline had been released from a leaking underground fuel line into the subsurface environment.
3. Five groundwater monitoring wells currently exist at this site. Groundwater analytical results from samples taken in February, March and June of 1989 indicate pollution ranging from nondetectable to 6700 parts per billion (ppb) total petroleum hydrocarbons, 600 ppb benzene, 688 toluene, and 448 ppb xylenes. The State of California Maximum Contaminant Level for benzene, a known human carcinogen, in drinking water is 1.0 ppb.
4. On June 22, 1988 Regional Board staff sent a letter to Exxon summarizing the information discussed with Fred Anderson of Exxon in a phone conversation on June 17, 1988. Mr. Anderson stated Exxon's commitment to continuously operate the on-site recovery system. On September 7, 1988 Regional Board staff issued a letter formally requesting the submittal of monthly status reports, the installation of a deep well, and the installation and operation of a long-term cleanup system. These requests were not fulfilled. Our records indicate that the recovery system was in operation from July 14, 1988, to September 1, 1988, and February 9, 1989, to June 14, 1989. Groundwater monitoring results for this period suggest that the intermittent cleanup efforts undertaken were not sufficient to control plume migration.
5. The beneficial uses of groundwater in the area include municipal water supply. The City of Pleasanton operates three municipal water supply wells nearby the site. The closest municipal well, cw-7, is located approximately 300 feet from the site.
6. This discharge has created a condition of groundwater pollution and nuisance beneath the site located at 2991 Hopyard Road, and threatens to adversely impact the beneficial uses of groundwater.

THEREFORE, IT IS HEREBY ORDERED that pursuant to California Water Code Section 13304, Exxon USA Company shall cleanup and abate the effects of the discharge, and complete the following tasks:

1. By August 28, 1989, commence interim corrective actions necessary to cleanup polluted soil and groundwater, and prevent further groundwater pollution and migration.
2. By August 28, 1989, implement a groundwater monitoring program to assess whether interim corrective actions are controlling plume migration. At a minimum this shall include quarterly sampling of all critical monitoring wells on-site, and include monthly gradient determinations.
3. By September 5, 1989 submit a report of actions taken to comply with tasks 1 and 2 above.
4. By September 29, 1989, install one deep monitoring well screened in the upper portion of the lower aquifer (approximately 120-135 feet below surface) in between the site and municipal well cw-7 in order to aid in assessing the vertical extent of pollution and to monitor water quality in the critical zone in which cw-7 is drawing water.
5. By November 3, 1989, install additional monitoring wells in order to define the vertical and lateral extent of soil and groundwater pollution to nondetectable levels, and assess the effectiveness of cleanup.
6. By February 2, 1990, submit a site characterization progress report containing investigation results and an assessment of whether plume migration control and cleanup efforts undertaken are effective.
7. By April 5, 1990, submit a report which is acceptable to the Executive Officer containing a final corrective action plan, implementation schedule, and monitoring schedule for containing the groundwater pollution plume and cleaning up all polluted soils and groundwater to levels consistent with the State Water Resources Control Board's Resolution 68-16, titled "Statement of Policy with Respect to Maintaining High Quality of Waters in California" (enclosed).
8. By May 5, 1990 implement final corrective actions.
9. Submit written progress reports every two months, commencing with the first report due October 1, 1989, identifying actions taken to comply with the terms of this Cleanup and Abatement Order and status of cleanup.
10. If for any reason the discharger is unable to perform any activity or submit any documentation in compliance to the work



schedule submitted pursuant to this Order and approved by the Executive Officer, the discharger may request, in writing an extension of the time specified. The extension request shall include the justification for the delay. An extension may be granted for good cause, in which case this Order will accordingly be revised.

This Order is issued pursuant to Section 13304 of the California Water Code. Failure to comply with this Order may subject Exxon USA Co. to civil liability imposed by the Regional Board for an amount that shall not exceed \$5000 for each day in which the order is violated.

Ordered by

  
\_\_\_\_\_  
Steven R. Ritchie  
Executive Officer

Date

8/11/89

STATE WATER RESOURCES CONTROL BOARD

RESOLUTION NO. 68-16

STATEMENT OF POLICY WITH RESPECT TO  
MAINTAINING HIGH QUALITY OF WATERS IN CALIFORNIA

WHEREAS the California Legislature has declared that it is the policy of the State that the granting of permits and licenses for unappropriated water and the disposal of wastes into the waters of the State shall be so regulated as to achieve highest water quality consistent with maximum benefit to the people of the State and shall be controlled so as to promote the peace, health, safety and welfare of the people of the State; and

WHEREAS water quality control policies have been and are being adopted for waters of the State; and

WHEREAS the quality of some waters of the State is higher than that established by the adopted policies and it is the intent and purpose of this Board that such higher quality shall be maintained to the maximum extent possible consistent with the declaration of the Legislature;

NOW, THEREFORE, BE IT RESOLVED:

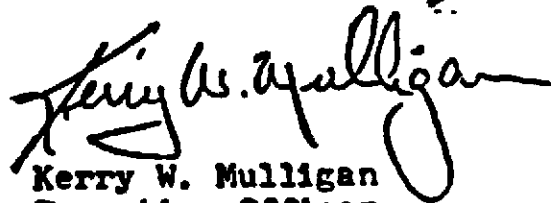
1. Whenever the existing quality of water is better than the quality established in policies as of the date on which such policies become effective, such existing high quality will be maintained until it has been demonstrated to the State that any change will be consistent with maximum benefit to the people of the State, will not unreasonably affect present and anticipated beneficial use of such water and will not result in water quality less than that prescribed in the policies.
2. Any activity which produces or may produce a waste or increased volume or concentration of waste and which discharges or proposes to discharge to existing high quality waters will be required to meet waste discharge requirements which will result in the best practicable treatment or control of the discharge necessary to assure that (a) a pollution or nuisance will not occur and (b) the highest water quality consistent with maximum benefit to the people of the State will be maintained.
3. In implementing this policy, the Secretary of the Interior will be kept advised and will be provided with such information as he will need to discharge his responsibilities under the Federal Water Pollution Control Act.

BE IT FURTHER RESOLVED that a copy of this resolution be forwarded to the Secretary of the Interior as part of California's water quality control policy submission.

**CERTIFICATION**

The undersigned, Executive Officer of the State Water Resources Control Board, does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Resources Control Board held on October 24, 1968.

Dated: October 28, 1968



Kerry W. Mulligan  
Executive Officer  
State Water Resources  
Control Board

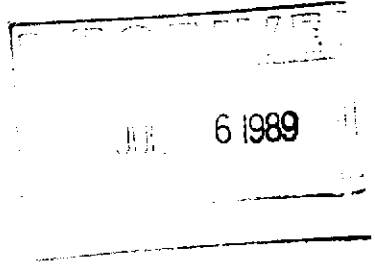
Reck



# CITY OF PLEASANTON

P.O. BOX 520 • PLEASANTON, CALIFORNIA 94566-0802

July 5, 1989



- CITY OFFICES  
123 MAIN STREET
- CITY COUNCIL  
484-8001
- CITY MANAGER  
484-8008
- CITY ATTORNEY  
484-8003
- FINANCE  
484-8033
- PERSONNEL  
484-8012
- CITY OFFICES  
200 OLD BERNAL AVE.
- PLANNING  
484-8023
- ENGINEERING  
484-8041
- BUILDING INSPECTION  
484-8015
- COMMUNITY SERVICES  
484-8160
- WATER - BILLING  
484-8038
- FIELD SERVICES  
5335 SUNOL BLVD.
- PARKS  
484-8056
- SANITARY SEWER  
484-8061
- STREET  
484-8066
- WATER  
484-8071
- FIRE  
4444 RAILROAD AVE.  
484-8114
- POLICE  
4833 BERNAL AVE.  
P.O. BOX 909  
484-8127

Mr. Kevin Hunter  
Staff Engineer  
Exxon Co., U.S.A.  
Room 31123  
P.O. Box 4415  
Houston, TX 77210

Ms. Dyan Whyte  
California Regional Water  
Quality Control Board  
1111 Jackson Street, Room 6040  
Oakland, CA 94607

RE: City of Pleasanton's Well No. 7-Water Quality  
Monitoring and Permanent Remediation System

Gentlemen:

We are in receipt of laboratory tests on ground water sampled from wells at Exxon Station No. 7-3399, 2991 Hopyar Road, Pleasanton, California. The samples were taken March 8, 1989. These tests indicate traces of Benzene, Toluene and total hydrocarbons as gasoline in monitoring wells No. 3 and 4 located on the site. The concentration of Benzene in both of these wells exceed the maximum contaminant level for drinking water. Reviewing the history of laboratory tests on these two monitoring wells seem to indicate that the original ground water contamination has moved in the direction of city Well No. 7.

There is a concern that operation of Well No. 7 could cause further migration of the plume in the direction of this potable water supply well. There is also some disagreement as to what method and level of activity are needed to further mitigate or eliminate this concern. In order to reach some agreement on this issue, a meeting has been scheduled for Wednesday, July 12, 1989 at 10:00 AM at the offices of the California Regional Water Quality Control Board located at 1111 Jackson Street (sixth floor) in Oakland.

The purpose of the meeting is to discuss and resolve the following items:

- 1) The effectiveness to date of the remediation system originally proposed and currently installed by Exxon at the site.

2) The need for another monitoring well which can sample the lower aquifers from which city well No. 7 receives its water.

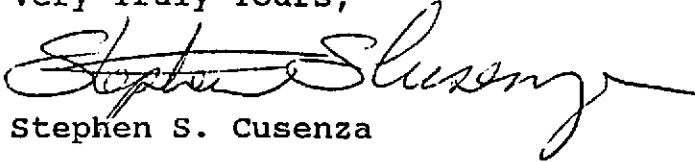
3) The possibility and extent of migration of pollutants between the upper and lower aquifers.

4) The extent of monitoring and testing needed in each monitoring well and city Well No. 7 on the day the city's well is placed into operation and thereafter.

5) The possibility and extent of the plume moving toward city well No. 7 as a result of the operation of the ACFC&WCD Zone 7's existing Well No. 4 or their new Well No. 6.

We would request that you or a representative of your company be present at this meeting so that these issues can be resolved and the city can commence normal operation of Well No. 7 at the earliest possible time.

Very Truly Yours,



Stephen S. Cusenza

cc: Joe Elliott, Director of Public Works  
and Utilities, City of Pleasanton  
Dave Van Houten, Water Department  
Superintendent, City of Pleasanton  
Jerry Taylor, Water Laboratory  
City of Pleasanton  
Rick Mueller, Pleasanton Fire Department  
Jerry Killingstad, ACFC&WCD Zone 7  
Rodger Witham, Applied GeoSystems  
Rafat Shahid, Alameda County Hazardous Materials  
Management Program



# CITY OF PLEASANTON

P.O. BOX 520 • PLEASANTON, CALIFORNIA 94566-0802

March 8, 1989

**CITY OFFICES**  
123 MAIN STREET

**CITY COUNCIL**  
484-8001

**CITY MANAGER**  
484-8008

**CITY ATTORNEY**  
484-8003

**FINANCE**  
484-8033

**PERSONNEL**  
484-8012

**CITY OFFICES**  
200 OLD BERNAL AVE.

**PLANNING**  
484-8023

**ENGINEERING**  
484-8041

**BUILDING INSPECTION**  
484-8015

**COMMUNITY SERVICES**  
484-8160

**WATER - BILLING**  
484-8038

**FIELD SERVICES**  
5335 SUNOL BLVD.

**PARKS**  
484-8056

**SANITARY SEWER**  
484-8061

**STREET**  
484-8066

**WATER**  
484-8071

**FIRE**  
4444 RAILROAD AVE.  
484-8114

**POLICE**  
4833 BERNAL AVE.  
P.O. BOX 909  
484-8127

Mr. Kevin Hunter  
Staff Engineer  
Exxon Co., U.S.A.  
Room 31123  
P. O. Box 4415  
Houston, TX 77210

Mr. Donald Dalke  
Division Chief  
California Regional Water Quality Control Board  
San Francisco Bay Region  
1111 Jackson Street, Room 6040  
Oakland, CA 94607

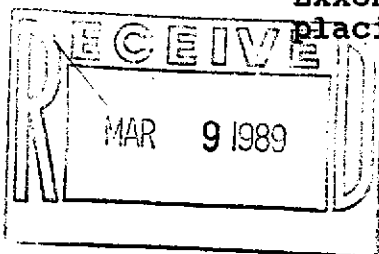
Re: City of Pleasanton's Well No. 7, Water Quality  
Monitoring and Permanent Remediation System

Gentlemen:

This letter is being written to notify you that the City of Pleasanton plans on commencing operation of its Well No. 7 on Monday, April 3, 1989. This operation will entail running the well continuously for over 30 hours.

It is the City's intent to operate this well without a concern for migration of pollutants which could occur from below the spill at Exxon Station No. 7-339 located at 2991 Hopyard Road in Pleasanton. As a result, we would like to finalize the water level monitoring program which Exxon had proposed as referenced in Mr. Johnson's correspondence to the City dated September 6, 1988. Review of our files indicates that we have not yet received this information and/or that it has not yet been reviewed by the Regional Board.


If Exxon's proposed water level monitoring program is acceptable, we would like to implement the same prior to placing Well No. 7 into operation. In addition, we believe that a water quality monitoring and permanent remediation program does need to be initiated through Exxon to verify the absence of pollutants prior to placing this well on-line and thereafter.



Mr. Keon Hunter  
Mr. Donald Dalke  
March 8, 1989  
Page 2

We would appreciate your mutual assistance in finalizing the steps necessary to allow the City to operate this well by the required date. If we can assist you with these efforts in any way possible, please call me or Mr. Stephen Cusenza of my staff at (415) 484-8064.

Very truly yours,

  
Joseph Elliott  
Director of Public Works  
and Utilities

JE/gs

cc: Stephen Cusenza, City of Pleasanton,  
Deputy Director of Utilities  
Dave Van Houten, City of Pleasanton,  
Superintendent, Water Department  
Jerry Taylor, City of Pleasanton, Water Laboratory  
Rick Mueller, Pleasanton Fire Department  
Jerry Killingstad, Alameda County Flood Control  
and Water Conservation District  
Rodger Witham, Applied Geosystems  
Rafat Shahid, Alameda County Hazardous Materials  
Management Program

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION  
1111 JACKSON STREET, ROOM 6040  
OAKLAND 94607

Phone: Area Code 415  
464-1255



September 7, 1988 (LHM)

Jim Kerr  
Exxon Co., USA  
P.O. Box 4415  
Houston, TX, 77210-4415

RE: Exxon Station No. 7-339, 2991 Hopyard Road, Pleasanton

Dear Mr. Kerr,

My staff has reviewed the information in our agency's file for the above referenced site. This information indicates that not all previously requested reports have been submitted, and those submitted were inadequate. As I have informed you in previous correspondence, my requests for technical reports are made pursuant to Section 13267(b) of the California Water Code, and failure to respond or late response may subject you to civil liability imposed by the Regional Board to a maximum amount of \$1000 per day. I again request that you submit monthly status reports and quarterly reports as described below:

1. MONTHLY STATUS REPORTS

- A. Monthly status reports were requested in a letter from this office dated April 7, 1988, and in a second letter dated June 1, 1988. It has been 153 days since the initial request for monthly reports was made. None have been received to date. The next report is due October 1, 1988.
- B. These reports should contain the following information for the month of reporting, with a brief discussion of key issues or concerns:
  1. Actions completed
  2. Actions in progress (planned completion dates)
  3. Actions planned (dates of initiation)

2. CONTENT OF NEXT MONTHLY STATUS REPORT

- A. Treatment of the stockpiled soil should be addressed. An initial request was made for "a discussion of the status of interim cleanup efforts" in section D (on the first page) of our letter dated April 7, 1988. It has been 153 days since this request was made.

SEP 12 1988



- B. Installation of the long-term cleanup system, including installation of the new recovery well, should be addressed. An initial request was made for "an analysis of proposed cleanup alternatives, and a discussion of criteria used to identify the preferred alternative" in section B (in the first paragraph on the second page) of our letter dated April 7, 1988. It has been 153 days since this request was made.
- C. Installation of a deep well should be addressed. The well should be located in between the site and Well No. 7 similar to MW 5s/5d. The well should be screened such that it provides adequate characterization of the groundwater quality at depths through the uppermost screened interval of Well No. 7. This request was initially made in section A (on the first page) of our letter dated April 7, 1988. It has been 153 days since this request was made.
- D. A revised verification monitoring plan for protection of Well No. 7 should be submitted. The revised plan should include monitoring wells 5s, 5d and the deep well mentioned in item C above.

### 3. QUARTERLY REPORTS

Quarterly reports should be submitted. The first of these reports should be received by our office on October 1, 1988. These reports should include all plans, procedures, data, calculations, cross-sections, maps, etc. generated by actions referenced or described in the monthly status reports. If reports on specific action items are prepared as separate documents, our agency should be sent copies of these reports and they should be clearly referenced in the quarterly reports.

You should be aware that this is a formal request for technical reports pursuant to California Water Code Section 13267(b). Failure to respond or late response may subject you to civil liability imposed by the Regional Board to a maximum amount of \$1000 per day. Any extensions of the time deadlines set forth above must be confirmed in writing by Regional Board staff.

If you have any questions please contact Lisa McCann of my staff at 415-464-1287.

Sincerely,



Steven R. Ritchie  
Executive Officer

cc: Mark Thomson  
Alameda Co. Office of the District Attorney

Jerry Taylor  
City of Pleasanton Water Laboratory

Jerry Killingstad  
Alameda Co. Flood Control and Water Conservation District,  
Zone 7

Rodger Witham  
Applied Geosystems

Rafat Shahid  
Alameda County Hazardous Materials Management Program

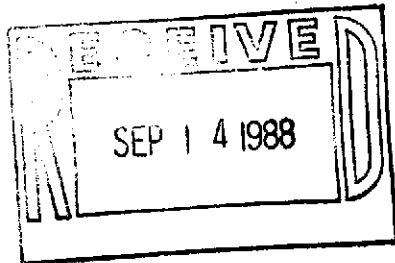
Rick Mueller  
City of Pleasanton Fire Department

**EXXON** COMPANY, U.S.A.

P.O. BOX 4415-HOUSTON, TEXAS 77210-4415

MARKETING DEPARTMENT  
REAL ESTATE & ENGINEERING

J. M. KERR, JR., P.G.  
SENIOR ENVIRONMENTAL GEOLOGIST



CERTIFIED MAIL  
RECEIPT REQUESTED

September 6, 1988

Exxon R/S 7-3399  
2991 Hopyard Road  
Pleasanton, Calif. 94566

Ms. Lisa McCann  
California Regional Water Quality Control Board  
San Francisco Bay Region  
1111 Jackson Street/Room 6040  
Oakland, California 94607

Dear Ms McCann:

Exxon's consultants have completed their most recent report on the work at the referenced location.

Based on this investigation we intend to complete the installation of our permanent remediation system. The system will be operational as-soon-as site access allows and all necessary permits and approvals are received.

Attached for your review is a copy of the referenced report. If you have any comments or questions, please call me at (713) 656-7755.

Sincerely,

JMK/im  
6287D

- c: w/a: Joseph Elliot Director of Public Works & Utilities, City of Pleasanton, 200 Old Veral Avenue, P. O. Box 520, Pleasanton, CA 94566-0802
- J. Killingstad Alameda County Flood Control and Water Conservation District, Zone 7, 5997, Parkside Drive, Pleasanton, CA 94566
- R. Mueller Pleasanton Fire Department, 4444 Railroad Street, Pleasanton, CA 94566

- wo/a: J. R. Greco - Irvine District
- J. R. Hastings - Citicorp Center
- L. W. Lindeen - Citicorp Center
- B. Vance - San Francisco District
- R. C. Witham - Applied Geosystems, 43255 Mission Blvd., Fremont, CA 94539

## CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SAN FRANCISCO BAY REGION

1111 JACKSON STREET, ROOM 6040

OAKLAND 94607

Phone: Area Code 415

464-1255



September 6, 1988 (LHM)

Joe Elliot  
Director of Public Works  
P.O. Box 520  
Pleasanton, CA 94566-0802

RE: City Well No. 7

Dear Mr. Elliot,

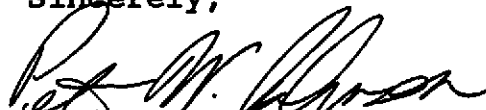
As you are aware, a pump test of Well No. 7 was performed by Exxon to determine whether operation of this well could influence the migration of pollutants associated with the Exxon site located at 2991 Hopyard Road. Based on review of the data provided by Exxon, it appears that the operation of Well No. 7 for up to 30 hours continuously would not have a significant impact on the shallow ground water system where the pollutants are concentrated.

Exxon has proposed a water-level monitoring program during periods that Well No. 7 is in operation for more than 30 hours. The purpose of this program will be to verify that polluted ground water remains unaffected by the operation of Well No. 7. A revised proposal for the monitoring program has been requested from Exxon, due October 1, 1988. If it becomes necessary to operate Well No. 7, please inform both myself and Jim Kerr of Exxon ((713) 656-7755) so that an interim monitoring program can be implemented.

At this time, the extent of the pollution originating at the Exxon site appears to be limited. The existing monitoring well network (and additional wells that may be installed) should provide adequate confirmation of the extent and movement of the ground water pollution plume. Nonetheless, it may be appropriate for Well No. 7 to be periodically monitored to verify the absence of pollutants. Other local water agencies involved in similar cases have made arrangements with the responsible parties to collect and analyze the necessary samples at the responsible party's expense.

I appreciate the cooperation and assistance that your staff has provided regarding this case. I will keep you informed of any significant developments, and hope you will contact me ((415)464-1382) if you have any concerns which I might be able to address.

Sincerely,



Peter W. Johnson  
Section Leader  
Local Program Coordination

cc: Jim Kerr  
Exxon Co., USA

Mark Thomson  
Alameda Co. Office of the District Attorney

Jerry Taylor  
City of Pleasanton Water Laboratory

Jerry Killingstad  
Alameda Co. Flood Control and Water Conservation District,  
Zone 7

Rodger Witham  
Applied Geosystems

Rafat Shahid  
Alameda County Hazardous Materials Management Program

Rick Mueller  
City of Pleasanton Fire Department

PLEASANTON FIRE DEPARTMENT  
CLOSURE PLAN FOR UNDERGROUND STORAGE TANKS

AMOUNT OF FEE DUE CITY OF PLEASANTON: *156.00 paid*  
FIRE PERMIT NUMBER (ALSO FUNCTIONS AS CLOSURE PLAN PERMIT):  
DATE CLOSURE PLAN SUBMITTED: ✓  
TANK CLOSURE PERMIT EXPIRES *15* DAYS FROM THE DATE OF CLOSURE PLAN APPROVAL.  
FEE PAID AND DATE: *156.00 6/88*

---

---

FACILITY NAME: Steve's Exxon (7-3399)

PHONE #: 415-462-5858

FACILITY ADDRESS: 2991 Hopyard Rd., Pleasanton, Ca. 94566

CONTACT PERSON: Bill Vance

*945-1966 / 1-960 message*

TANK CLOSURE CONTRACTOR: Town and Country Contractors

ADDRESS: 117 Otto Circle

CITY: Sacramento, Ca. 95822

*(916) 386-6174*

PHONE NUMBER: 916-392-1860

NAME AND PHONE NUMBER OF FIRM WHO WILL TAKE SOIL SAMPLES:

Applied Geosystems

PH #: 415-651-1906

NAME AND PHONE NUMBER OF LABORATORY THAT WILL ANALYZE SOIL

SAMPLES: Applied Geosystems

PH #: 415-651-1906

APPROXIMATE DATE OF TANK CLOSURE: July 15, 1988

METHOD OF TANK CLOSURE:

[ ] 1. ADDING DRY ICE (1.5 LBS PER 100 GALLON CAPACITY), MANIFEST AND REMOVE AS HAZARDOUS WASTE

[x] 2. TRIPLE RINSE HAZARDOUS SLUDGE/RESIDUE, MANIFEST RESIDUE/SLUDGE AND REMOVE TANK(S).

[ ] 3. OTHER PROCEDURE (DESCRIBE):

CLOSURE PLAN PERMIT CONDITIONS  
2991 HOPYARD RD  
STEVE'S EXXON

---

1. SITE TO BE COMPLETELY FENCED TO PREVENT UNAUTHORIZED ACCESS BY GENERAL PUBLIC
2. TANK EXCAVATION TO BE PROPERLY SHORED TO PREVENT CAVE-IN.
3. SOIL SAMPLES TO BE ANALYZED FOR TOTAL AND ORGANIC LEADS BY STATE CERTIFIED LABORATORY.
4. DUE TO THE VOLUME OF SOIL INVOLVED AND PROXIMITY OF SITE TO MAJOR SHOPPING/POPULATION AREA, ON SITE AERATION OF HIGHLY CONTAMINATED SOILS WILL NOT BE PERMITTED.
5. PIONEER TETTU WILL NOT BE APPROVED FOR USE ON THIS SITE.
6. TANKS WILL BE CHECKED WITH GASTECH BEFORE LEAVING SITE FOR COMPLETENESS OF TRIPLE RINSING-LOW OR NO LEL READINGS WILL NOT CERTIFY THE TANKS AS "CLEAN". *TANK DISPOSAL COMPANY SHOULD CHECK WITH A GAS METER BEFORE CUTTING TO VERIFY INERTNESS.*

FIRE PREVENTION BUREAU  
CITY OF PLEASANTON

APPROVED

Date 7/13/88 by DM  
Approved plans shall not be changed, modified altered  
without authorization from the Fire Marshal.

This set of plans shall be kept at the building site  
for use by any City Inspector. Do not mark, mutilate  
or deface.

Approval of plans shall not be construed to be an  
approval to delete any provision of any municipal code

CLOSURE PLAN FOR UNDERGROUND STORAGE TANKS

NAME OF TANK HAULER: Superior Trucking 916-371-7520  
 604 Galveston St.  
 West Sacramento, Ca. 95691

DESTINATION OF TANK(S): Triangle Construction 916-421-1990  
 P.O. Box 9795  
 Sacramento, Ca.

TANKS TO BE REMOVED:

	SIZE	TANK CONTENTS	AGE	LAST TIME TESTED	REASON FOR REMOVAL
TANK #1.	6K	Gasoline	16 yrs.	Spring 1988	Replace with double wall
TANK #2.	8K	Gasoline	16 yrs.	Spring 1988	
TANK #3.	10K	Gasoline	16 yrs.	Spring 1988	Replace with double wall
TANK #4.	1K	Waste Oil	16 yrs.	Spring 1988	
TANK #5.					Replace with double wall
TANK #6.					

(ATTACH EXTRA SHEETS AS NECESSARY)

PLOT PLAN:

ATTACH A PLOT PLAN OF THE TANKS TO BE CLOSED. INDICATE THE NEAREST CROSS STREETS TO THE FACILITY, THE BUILDINGS IMMEDIATELY ADJACENT TO THE TANKS, AND THE LOCATION OF THE TANKS TO BE CLOSED.

(NOTE: PLOT PLAN MUST BE STAMPED AND CLOSURE PLAN APPROVED BY FIRE PREVENTION BUREAU BEFORE PERMIT CAN BE ISSUED.)

I DECLARE, UNDER THE PENALTY OF PERJURY, THAT THE AFOREMENTIONED INFORMATION AND ATTACHED PLOT PLAN(S) ARE CORRECT TO THE BEST OF MY KNOWLEDGE. IF THERE IS ANY CHANGE WHICH WOULD MATERIALLY AFFECT THE ABOVE INFORMATION, I WILL NOTIFY PLEASANTON FIRE DEPARTMENT, CHEMICAL SPECIALIST, OR FIRE MARSHALL, IN THE ABSENCE OF THE CHEMICAL SPECIALIST.

John P. Chaffin      Masters Eng.      & attached conditions  
 (APPLICANT'S SIGNATURE AND DATE)      FIRE PREVENTION BUREAU  
 CITY OF PLEASANTON

FORM 181-302-5/83-REVISED

APPROVED  
 Date 7/13/88 by RM  
 Approved plans shall not be changed, modified altered without authorization from the Fire Marshal.  
 This set of plans shall be kept at the building site for use by any City Inspector. Do not mark, mutilate, or deface.  
 Approval of this plan shall not be construed to be an approval of any municipal code.



CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION  
1111 JACKSON STREET, ROOM 6040  
OAKLAND 94607

Phone: Area Code 415  
464-1255



June 22, 1988  
File No. 2199.9254 (GSZ)

Mr. Fred Anderson  
Exxon Co. USA  
P.O. Box 4415  
Houston, Texas 77210-4415

Re: Exxon Service Station; Hopyard and Valley Roads, Pleasanton

Dear Mr. Anderson,

The purpose of this letter is clarify comments made to you by Greg Zentner of our staff during a phone conversation with you on Friday, June 17.

I appreciate Exxon's willingness to perform a pump test on the City of Pleasanton well (Well 7). Such a test would provide information regarding the potential impact of the planned operation of Well 7 upon the pollution at the site. However, I am concerned that an extended pump test could cause the plume to migrate in the direction of Well 7. I am writing to request that, should a pump test on Well 7 be performed, the test be terminated immediately upon any observation that suggests that Well 7 is influencing water movement in the uppermost aquifer, the aquifer where the pollution now appears to be isolated. Such observations include, though are not limited to, a reduction in water level in any monitoring well screened in the upper aquifer.

There should also be some clarification on the issue of NPDES permit issuance. On December 17, 1986, the Regional Board adopted a revised Water Quality Control Plan (Basin Plan) for the San Francisco Bay Region. The Basin Plan contains water quality objectives for waters within the region, and contains discharge prohibitions applicable to shallow water discharges. The Basin Plan prohibits the discharge of any wastewater which has any particular characteristics of concern to beneficial uses into any non-tidal water. Exceptions to this prohibition may be considered for discharges where a) an inordinate burden will be placed on the discharger relative to beneficial uses protected or b) a discharge is approved as part of a reclamation project or c) it can be demonstrated that net environmental benefits will be derived as a result of the discharge.

As the Dublin San Ramon Services District has indicated a willingness to extend your permit past the current June 30, 1988, expiration date, and since their permit requirements are nearly identical to any permit that the Regional Board might issue, and

since the District's treatment plant provides contingency treatment in the event that the on-site treatment system fails, the staff does not anticipate recommending that an NPDES permit be issued for this discharge.

I appreciate your commitment to continuously operate the on-site recovery system. I feel that such operation is necessary to the protection of the City's Well 7. The initiation of cleanup should begin at the earliest possible date. Should cleanup be interrupted for any reason, I request that you immediately notify our office and Jerry Taylor of the City of Pleasanton.

If you have any questions, please contact Greg Zentner at (415) 464-0840, or Peter Johnson at (415) 464-0838.

Sincerely,

*John Feldman*  
for Don Dalke  
Chief, Toxics Division

cc: Ken Mercer  
Chairman, Region Water Quality Control Board

Pete Snyder  
Regional Water Quality Control Board

Mark Thomson  
Alameda County  
Office of the District Attorney

Bob Swanson  
Dublin San Ramon Services District

Jerry Taylor  
City of Pleasanton Water Laboratory

Jerry Killingstad  
Alameda County Flood Control and Water  
Conservation District, Zone 7

Roger Witham  
Applied Geosystems

Rafat Shahid  
Alameda County  
Hazardous Materials Management Program

Rick Mueller  
City of Pleasanton Fire Department

## CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SAN FRANCISCO BAY REGION  
1111 JACKSON STREET, ROOM 6040  
OAKLAND 94607

Phone: Area Code 415  
464-1235



June 1, 1988  
File No. 2199.9254(GSZ)

Jim Kerr  
Exxon Co. USA  
P.O. Box 4415  
Houston, Texas 77210-4415

Re: Exxon Service Station, Hopyard and Valley Roads, Pleasanton

Dear Mr. Kerr,

In a letter to you dated April 7, 1988 (copy attached), I requested, pursuant to Section 13267 of the California Water Code, that reports describing the status of subsurface investigation and cleanup at the above site be submitted by specified dates. The first report that I requested was to describe the status of the current investigation, and include: a) a plan for defining the vertical and horizontal extent of the pollution, b) a plan for groundwater monitoring, c) a time schedule for implementation, and d) a discussion of interim cleanup efforts and an analysis of the effects of the proximity and planned operation of the City of Pleasanton's Well 7 on your cleanup efforts.

The initial report received by our office on April 29, 1988, described the status of the subsurface investigation to date and the cover letter attached to the report described in general Exxon's plan for additional investigation. ~~Your report did not~~ address items a), b) c) and d) as described above and in my letter.

The second report that I requested, a proposal for cleanup, was to be submitted by May 2, 1988, and has not been received. This report was to include an analysis of the effects of the proximity and operation of Well 7 on the contaminant plumes (free product and dissolved) and upon efforts to maintain hydraulic control of the plume; an analysis of the proposed cleanup alternatives, an estimate of the cost of each alternative, and a discussion of the criteria used to identify the preferred alternative.

I also requested that monthly status reports be submitted after completion of the second report. As the second report was to be received by May 2, 1988, it is my expectation that the first monthly status report will be received by our office on June 2, 1988.

You should be aware that this is a formal request for technical reports pursuant to California Water Code Section 13267. Failure to respond or late response to this request may subject you to civil liability imposed by the Regional Board to a maximum amount

of \$1,000 per day. Any extensions of the time deadlines set forth above must be confirmed in writing by Regional Board staff.

It is my understanding that you have received a temporary permit from the Dublin San Ramon Services District (DSRSD) to discharge treated groundwater from the site to the sanitary sewer. I am concerned that interruption of your soil and groundwater cleanup may occur due to planned construction activities at the site, or potential suspension of your discharge permit due to permit violations. Such a delay may allow the as yet undefined contaminant plume to migrate towards Well 7. I am therefore requesting, pursuant to Section 13267 of the California Water Code, that Exxon submit a report that describes Exxon's contingency plans for minimizing delays in cleanup in the event that either of the above circumstances occur. This report should contain an analysis of the potential for plume migration should cleanup be interrupted, and be submitted to this office within 30 days of the receipt of this letter.

If cleanup does not proceed in a timely manner, it is my intent to issue, pursuant to Section 13304 of the California Water Code, a Cleanup and Abatement Order which will place this site on an enforceable time schedule. The intentional or negligent violation of such an order may result in the administrative imposition of civil liability of up to \$5000 a day for each day the Order is violated. The Regional Board may also, under Section 13304(b), expend available moneys to perform any cleanup, abatement, or remedial work required under the circumstances set forward in 13304(a) which in its judgement is required by the urgency of prompt action. If such a remedial action is taken by the Regional Board, Exxon shall be liable, under Section 13304(c), to the Regional Board to the extent of the reasonable cost incurred during cleanup.

If you have any questions, please contact Greg Zentner at (415) 464-0840.

Sincerely,



Roger B. James  
Executive Officer

Attachment: Letter of April 7, 1988

cc: attached list

cc w/ attachment:

Ken Mercer  
Chairman, Region Water Quality Control Board

Pete Snyder  
Regional Water Quality Control Board

Mark Thomson  
Alameda County  
Office of the District Attorney

Bob Swanson  
Dublin San Ramon Services District

cc w/o attachment:

Jerry Taylor  
City of Pleasanton Water Laboratory

Jerry Killingstad  
Alameda County Flood Control and Water  
Conservation District, Zone 7

Roger Witham  
Applied Geosystems

Rafat Shahid  
Alameda County  
Hazardous Materials Management Program

Rick Mueller  
City of Pleasanton Fire Department

MAILING LIST

Ken Mercer  
2644 Starling Court  
Pleasanton, CA 94566

Pete Snyder  
11497 Silvergate Dr.  
Dublin, CA 94568

Mark Thomson  
Consumers and Environmental Protection  
Alameda County Office of the District Attorney  
24405 Amador St.  
Hayward, CA 94546

Bob Swanson  
Dublin San Ramon Services District  
7399 Johnson Dr.  
Pleasanton, CA 94566

Jerry Taylor  
City of Pleasanton Water Laboratory  
P.O. Box 520  
Pleasanton, CA 94566-0820

Jerry Killingstad  
Alameda County Flood Control and Water Conservation  
District, Zone 7  
5997 Parkside Dr.  
Pleasanton, CA 94566

Roger Witham  
Applied Geosystems  
43225 Mission Blvd.  
Fremont, CA 94539

Rafat Shahid  
Alameda County Hazardous Materials  
Management Program  
80 Swan Way, Room 200  
Oakland, CA 94621

Rick Mueller  
City of Pleasanton Fire Department  
4444 Railroad St.  
Pleasanton, CA 94566



# CITY OF PLEASANTON

P.O. BOX 520 • PLEASANTON, CALIFORNIA 94566-0802

May 19, 1988

CITY OFFICES  
123 MAIN STREET

CITY COUNCIL  
847-8001

CITY MANAGER  
847-8008

CITY ATTORNEY  
847-8003

FINANCE  
847-8033

PERSONNEL  
847-8012

CITY OFFICES  
200 OLD BERNAL AVE.

PLANNING  
847-8023

ENGINEERING  
847-8041

BUILDING INSPECTION  
847-8015

COMMUNITY SERVICES  
847-8160

WATER - BILLING  
847-8038

FIELD SERVICES  
5335 SUNOL BLVD.

PARKS  
847-8056

SANITARY SEWER  
847-8061

STREET  
847-8066

WATER  
847-8071

FIRE  
4444 RAILROAD AVE.  
847-8114

POLICE  
4833 BERNAL AVE.  
P.O. BOX 909  
847-8127

Mr. Jim Kerr  
Exxon Co. U.S.A.  
P.O. Box 4415  
Houston, Texas 77210-4415

Dear Mr. Kerr:

Your applications to temporarily connect to the City of Pleasanton Sanitary Sewer System in order to expedite cleanup operations at the Exxon Service Station in question is hereby granted with the following conditions:

1. The concentration at any time of total volatile hydrocarbons discharged will not exceed 200 ppm.
2. In no case will the discharge create a fire or explosion hazard within the sewerage system.
3. Appropriate monitoring according to the following schedule will be instituted:
  - a. Upon initial startup a grab sample from the separator tank will be analyzed to see if condition #1 above is met. During this period the flow will be terminated until test results are known and discharge limits are met.
  - b. Daily samples will be taken every two hours during daytime operations for the first week of operation. These 2 hour interval samples may be composited and tested at the end of the day as long as proper sample preservation and quality control is exercised.
  - c. The results from the above sampling will determine the appropriate frequency of future sampling as determined by the City of Pleasanton.
4. The initial flow rate to the sanitary sewers will be between 20-30 gpm. Increases to this amount must be authorized by this office.

Mr. Jim Kerr  
May 19, 1988  
Page 2

5. The appropriate fee structure for this discharge will be set in accordance with the City of Pleasanton and the Dublin San Ramon Services District's sewerage use and connection fee structure. Provision for this will be transmitted to you at a later date after operations have begun and exact daily flow rates are known.

As you are well aware, it is extremely important that this entire cleanup operation be accomplished as thoroughly and quickly as possible. The use of our City Well No. 7 is dependent on this and we will need to place the well in operation within the next few days.

Please feel free to contact Mr. Jerry Taylor of our staff or myself if there are any questions regarding this matter.

Very truly yours,



Joseph Elliott  
Director of Public Works  
and Utilities

cc: Bob Whitley, Dublin San Ramon Services District  
Greg Zentner, California Regional Water Quality Control  
Board  
David Rickert, Applied GeoSystems  
Rick Mueller, City of Pleasanton Fire Department  
George Oxsen, Sanitary Sewers Supervisor  
Jim Walker, City Manager  
Dave Van Houten, Water Supervisor





# CITY OF PLEASANTON

P.O. BOX 520 • PLEASANTON, CALIFORNIA 94566-0802

April 21, 1988

**CITY OFFICES**  
200 OLD BERNAL AVE.

**CITY COUNCIL**  
847-8001

**CITY MANAGER**  
847-8008

**CITY ATTORNEY**  
847-8003

**FINANCE**  
847-8033

**PERSONNEL**  
847-8012

**PLANNING**  
847-8023

**ENGINEERING**  
847-8041

**BUILDING INSPECTION**  
847-8015

**COMMUNITY SERVICES**  
847-8160

**FIELD SERVICES**  
5335 SUNOL BLVD.

**PARKS**  
847-8056

**SANITARY SEWER**  
847-8061

**STREETS**  
847-8066

**WATER**  
847-8071

**FIRE**  
4444 RAILROAD AVE.  
847-8114

**POLICE**  
4833 BERNAL AVE.  
847-8127

Mr. Jim Kerr  
Exxon Co. U.S.A.  
P.O. Box 4415  
Houston, Texas 77210-4415

Re: Plan of Closure for Tanks and Piping at 2991 Hopyard Rd,  
Pleasanton, Calif

Dear Mr. Kerr,

In follow up to our meeting of last Friday April 15, 1988, here is the plan of action that the City of Pleasanton will require Exxon to take regarding the status of existing tanks and product lines at 2991 Hopyard Rd :

1. On or before June 15th, 1988, an acceptable closure plan will be filed and approved for removal of all existing underground tanks and product lines at 2991 Hopyard Rd. Approval will be expedited on my end to achieve this deadline.

2. Closure will begin no later than July 15th, 1988 or a maximum of 30 days from closure plan approval, whichever is less. Beginning closure means that demolition of existing tanks and lines must begin no later than 8:00 am 30 days following closure plan approval or on July 15th, 1988, assuming an approved closure plan has been filed, and a permit for tank excavation has been issued by the Pleasanton Fire Dept.

3. On Friday afternoon after our meeting I was notified of a failed precision tank test on the regular gas product tank. In the event any portion of the tank containing product is found to be the problem, and not the vent line(s), as is usually the case when a leak rate of -.50 gal/hr is found, then the regular tank will be immediately drained of all product, and closure will be expected to take place as soon as possible, in accordance with Section 79.601(d) of the 1982 Uniform Fire Code.

4. Failure to comply with the above stated timetable will result in all actions allowed by law to gain compliance, including the possible referral of this case to the Alameda County District Attorney's Office for enforcement.

For your information, a set of closure plan forms and guidelines have been included with this letter to expedite the closure process.

Sincerely,

---

Rick Mueller  
City of Pleasanton Fire Dept  
Chemical Specialist

cc: City Attorney's Office  
Greg Zentner, Regional Water Board  
Chief Hill, Pleasanton Fire Dept



# CITY OF PLEASANTON

P.O. BOX 520 • PLEASANTON, CALIFORNIA 94566-0802

April 18, 1988

**CITY OFFICES**  
200 OLD BERNAL AVE.

**CITY COUNCIL**  
847-8001

**CITY MANAGER**  
847-8008

**CITY ATTORNEY**  
847-8003

**FINANCE**  
847-8033

**PERSONNEL**  
847-8012

**PLANNING**  
847-8023

**ENGINEERING**  
847-8041

**BUILDING INSPECTION**  
847-8015

**COMMUNITY SERVICES**  
847-8160

**FIELD SERVICES**  
5335 SUNOL BLVD.

**PARKS**  
847-8056

**SANITARY SEWER**  
847-8061

**STREETS**  
847-8066

**WATER**  
847-8071

**FIRE**  
4444 RAILROAD AVE.  
847-8114

**POLICE**  
4833 BERNAL AVE.  
847-8127

Mr. Jim Kerr  
Exxon Co. U.S.A.  
P.O. Box 4415  
Houston, Texas 77210-4415

Re: Plan of Closure for Tanks at 2991 Hopyard Rd, Pleasanton, Calif

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(con't next page)

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Sincerely,

---

Rick Mueller  
City of Pleasanton Fire Dept  
Chemical Specialist

SCHEDULE OF EVENTS OF EXXON SERVICE STATION FUEL LEAK  
VALLEY AVE AND HOPYARD ROAD

3/31/88            Received call from Bill Vance of Exxon regarding a leak of fuel at 2991 Hopyard Rd. Bill reported that the leak is from a regular gas product line; line is currently shut down and they are working to correct the problem. I notified Greg Zenter of RWQCB immediately of the problem; also notified Joe Elliot, City of Pleasanton Director of Public Works, since the Exxon Station is directly across the street from Municipal Well #7.

4/1/88            Talked with Steve Asman, owner of the Exxon station at 2991 Hopyard Rd. Steve indicated to me that the suspected product loss was approximately 600 gallons by inventory reconciliation records. Steve indicated to me that the loss was noticed after a continuous negative trend over a period of approximately 1 week was observed; normally the trend shifts from negative to positive over a period of a day or two. Greg Zenter of RWQCB arrived on scene to oversee the drilling of monitoring wells to determine extent of product travel.

4/4/88            Talked with Greg Zenter of RWCQB; Applied Geosystems has found approximately 2' of floating product in groundwater basin nearest tank hole at 35' depth.

4/7/88            Contacted Jim Kerr of Exxon corporate- Mtg w/ RWCQB , City of Pleasanton Staff and Exxon to follow.

4/12/88           Mtg w/ Exxon scheduled for Friday April 15th at City of Pleasanton City Attorney's office 9:30 am.



**Applied GeoSystems**

43255 Mission Boulevard, Fremont, CA 94539 (415) 651-1906

• FREMONT • COSTA MESA • SACRAMENTO • HOUSTON

April 7, 1988  
0407rmue  
AGS 018034-1

Mr. Rick Mueller  
Pleasanton Fire Department  
P.O. Box 520  
4444 Railroad Street  
Pleasanton, California 94566

Subject: Request for authorization to store gasoline product in above-ground drums at Exxon Station No. 7-3399, 2991<sup>7</sup> Hopyard Road, Pleasanton, California.

Mr. Mueller:

This letter serves as a request for authorization to install two 55-gallon drums to contain gasoline product at the above-referenced site. The drums will contain product that will be pumped from well MW-2 located near the underground gasoline storage tanks. Overpack drums of 85-gallon capacity will be placed around the 55-gallon drums and act as secondary containment drums.

Gasoline product will be selectively pumped from the ground water by a downhole skimmer pump. The pump system includes the pump, an automatic control box, and a compressor. Product will be pumped into one 55-gallon drum until full. A high-tank shut off valve is part of the skimmer pump system and this valve will be installed in the drum. Pumping will automatically cease when the tank is full and the discharge line and high-tank shut off valve will be placed in the second drum. The pump system will be contained in a 12-foot by 12-foot fenced area that will be secured with chains. Representatives of Applied GeoSystems will visit the site daily for 2 to 3 days to monitor filling of the drums and at appropriate intervals later, depending on rate of filling. When full, we will also arrange to have the product removed and disposed by a licensed hazardous waste handler.

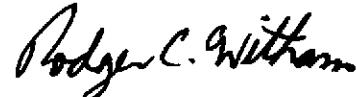
April 7, 1988  
Exxon Station No. 7-3399, Pleasanton, California

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AGS 018034-1

We request that you approve this request so that we may begin pumping operations immediately to reduce further affect to the ground water. Please do not hesitate to call if you have any questions.

Sincerely,  
Applied GeoSystems



Rodger C. Witham  
Project Geologist

## CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SAN FRANCISCO BAY REGION  
1111 JACKSON STREET, ROOM 6040  
OAKLAND 94607

Phone: Area Code 415  
464-1255



April 7, 1987

correct year?

12 1988

Jim Kerr  
Exxon Co. USA  
P.O. Box 4415  
Houston, Texas 77210-4415

Re: Exxon Service Station, Hopyard and Valley Roads, Pleasanton

Dear Mr. Kerr,

We have received verbal notification from Rick Mueller of the City of Pleasanton Fire Department that approximately 600 gallons of gasoline have recently leaked from the underground fuel storage tanks at the above referenced site. Wells drilled on-site subsequent to the discovery of this loss revealed up to 18 inches of gasoline floating on the water table. I am concerned that this site is directly across the street (Valley Road) from a municipal well (Well 7) that serves as a major source of drinking water for the city of Pleasanton. It is my understanding that the city, in response to this incident, has ceased pumping groundwater from Well 7. Pursuant to Section 13267(b) of the California Water Code, I request that you submit 1) a report describing the status of the current subsurface investigation and plans for additional investigation; 2) a report describing proposed clean-up alternatives and 3) monthly reports thereafter describing the status of the investigation and cleanup. Plans for additional investigation should include the following:

- A) Installation of additional monitoring wells sufficient to define the vertical and lateral extent of pollution. The wells should be screened such that they provide adequate characterization of the groundwater quality at depths through the uppermost screened interval of Well 7.
- B) Weekly groundwater level monitoring and sampling in all wells for the appropriate indicator contaminants. If the City of Pleasanton resumes the pumping of groundwater from Well 7, sampling and water level monitoring frequency in all wells will increase to daily for five days, after which weekly sampling and monitoring will commence. Results from all sampling will be obtained on a 24-hour turnaround. The frequency of sampling will be re-evaluated after an appropriate data base has been established.
- C) A timeline for implementation.
- D) A discussion of the status of interim cleanup efforts, and an analysis of the effects of the proximity and planned



operation of Well 7 on these cleanup efforts.

The first report should be received by our office no later than April 20, 1988.

The proposal for cleanup should be received by our office by May 2, 1988, and include:

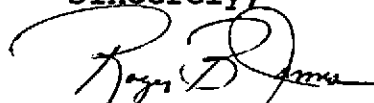
- A) An analysis of the effects of the proximity and operation of Well 7 on the dissolved and free-product plumes, and upon any proposed or currently instituted attempts to cleanup or maintain hydraulic control of the plume.
- B) An analysis of proposed cleanup alternatives, and a discussion of criteria used to identify the preferred alternative. This analysis should include an estimate of the costs of each alternative.
- C) A timeline for implementation.

Monthly status reports should include:

- A) Contour maps of the dissolved and free-product plumes for all significant water transmitting strata through the uppermost screened interval of Well 7.
- B) An estimate of the total amount of product recovered.
- C) An analysis of the effects of the current and future planned operation of Well 7 on the dissolved and free product plumes, and upon any cleanup efforts planned or underway.

Failure to comply with the above, or failure to take timely action to abate the effects of the pollution, may result in the issuance of a Cleanup and Abatement Order. Any questions that you have on this matter can be directed to Greg Zentner at (415) 464-0840.

Sincerely,



Roger B. James  
Executive Officer

cc: attached list

MAILING LIST

Rick Mueller  
Pleasanton Fire Department  
4444 Railroad St.  
Pleasanton, Ca. 94566

Jerry Taylor  
City of Pleasanton Water Laboratory  
P.O. Box 520  
Pleasanton, Ca. 94566-0820

Craig Mayfield  
Alameda County Flood Control and Water  
Conservation District  
5997 Parkside Dr.  
Pleasanton, Ca. 94566

Rafat Shahid  
Alameda County Hazardous Materials Management Program  
470 27th St. Room 322  
Oakland, CA. 94612

Roger Witham  
Applied Geosystems  
43255 Mission Blvd.  
Fremont, CA. 94539

**HAZARDOUS MATERIAL MANAGEMENT PLAN**  
(Minimal Storage Facility)

If a facility stores any one hazardous material in aggregate amounts  $\leq$  500 lb. solids, 55 gals. liquid, or 200 cu. ft. at S.T.P. of compressed gases, it may submit this form in lieu of Form No.                     . NOTE: Hazardous Materials includes all wastes of any concentration, or mixtures of nonwaste containing 1% or greater of hazardous materials.

**DECLARATION RE HAZARDOUS MATERIALS STORAGE**

1. Address 2991 Hopyard Road, Pleasanton, CA 94566 Phone No. (415) 462-5858
2. Name of Business Steve's Exxon Service RAS #7-3399
3. Owner, Responsible Employee Steve Asmann
4. Nature of Business Retail Gasoline Service Station
5. Three persons that could respond in an emergency when the facility is closed (weekends, holidays, etc.)

	<u>Name</u>	<u>Address</u>	<u>Phone No.</u>
A.	<del>Steve Asmann</del>	3581 Ballantyne Dr., Pleasanton CA	(415) 426-0235
B.	Suzanne Hoffman	Exxon, Walnut Creek, CA	(415) 372-3361
C.	Norm Nelson	2572 Sanderling Way Pleasanton, CA	(415) 484-2631

6. Submit a simple line drawing of the facility showing the location of hazardous material(s), hazard class or classes, and physical state, and indicate whether any of the material is a waste.
7. Describe how the hazardous material will be:

- A. Stored and handled Underground tanks
- B. Contained (secondary containment) -----
- C. Separated (separate secondary containment) -----
- D. state Monitored Alternative # 5 7-8-86  
Sticking and inventory reconciliation

**RECEIVED**  
FEB 25 1985